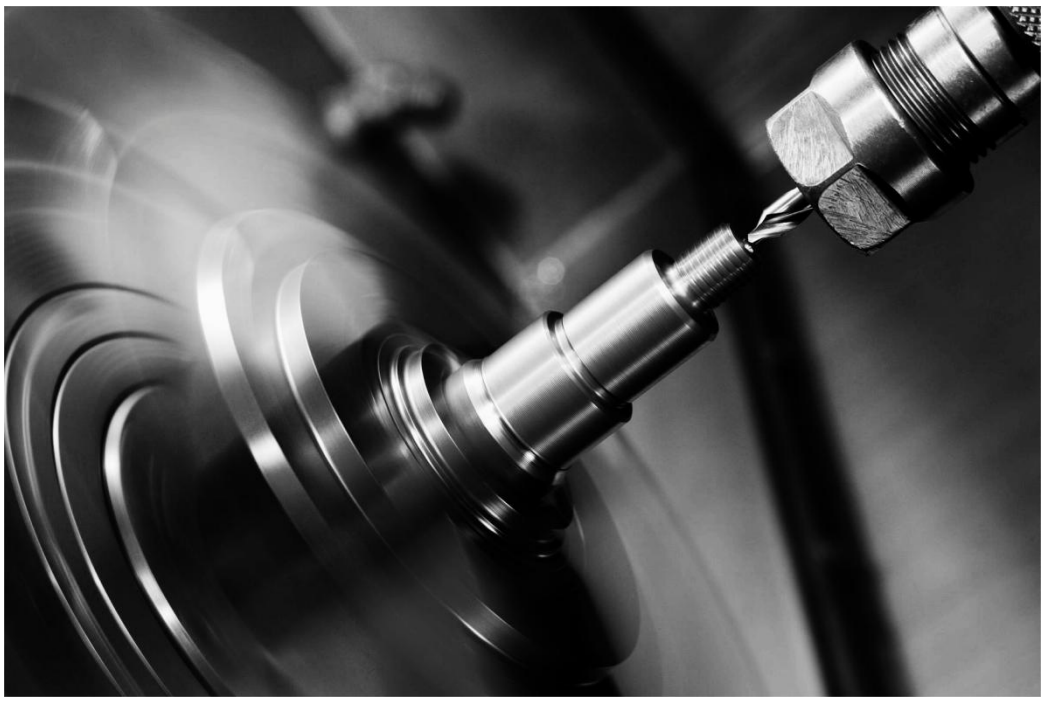
上海卡普灵流体技术有限公司

Shanghai kuaishi Fluid Technology Ltd.



www.kuaishicouplings.com

Kuaishi Catalogue 2026

公司简介 Company Profile

上海卡普灵流体技术有限公司是一家集研发、生产、销售、服务于一体的液压快速接头的企业。坐落于上海的总部，拥有一支技术精湛的团队，在国内市场中担当着技术领航者的角色，凭借二十多年累积的液压技术知识和经验，提供覆盖全国的技术支持、销售及售后服务网络，更以开放的姿态，积极吸纳国际先进技术,经过深入的学习、消化与再创新，使之完美融合国内客户的实际需求，生产出既具国际水准又贴合本土市场的优质产品。

工厂配备有：全系列美国哈斯（HAAS）机床生产线，斗山（DOOSAN）机床，各种非标定制全自动、半自动快速接头装配机，先进的静压/脉冲试验机、压损测试机等实验设备仪器，各种类型设备总数达 40 余台套。公司已通过 ISO9001-2015 质量体系认证，制定严格的质量标准和流程，实施有效的质量管理体系，保证产品质量符合 GB、ISO 标准。其产品的每一次迭代，都是对“精益求精、追求卓越”理念的生动诠释，也为液压快速接头行业的持续发展注入了新的活力。

本公司产品广泛应用于农业机械、特种车辆、工程机械、能源行业、船舶工业、冶金制造业以及新能源、半导体、液冷、化工、医药等行业。公司坐落在上海浦东新区川沙工业园，库存充足，以满足各个应用行业的及时需求。

Shanghai Kuaishi Fluid Tec. Ltd is a professional quick release couplings manufacturer integrating R&D, production, sales and service. The technical team has more than 20 years of hydraulic technology knowledge and experience. Currently, it is mainly responsible for global technical support, sales and after-sales service, and through the introduction of German technology, after learning, digestion and absorption, combined with customer characteristics for production.

The factory is equipped with: a full series of American Haas (HAAS) machine tool production lines, Doosan (DOOSAN) machine tools, various non-standard customized automatic and semi-automatic quick coupling assembly machines, advanced experimental equipment and instruments, and a total of more than 40 sets of various types of equipment set.The company has passed the ISO9001-2015 quality system certification, formulated strict quality standards and processes, implemented an effective quality management system, and ensured that product quality meets GB and ISO standards.

The company's products are widely used in agricultural machinery, special vehicles, construction machinery, energy industry, shipbuilding industry, metallurgical manufacturing and industrial equipment. It is located in Chuansha Industrial Zone, Pudong New Area, Shanghai, sufficient inventory to meet the timely needs of various application industries.

目录 catalogue

快速接头选择和使用说明	Selection and use instructions	3
FH ISO 16028 平面系列	Flat Face ISO 16028	4
FU ISO 16028 平面公头泄压系列	Flat Face ISO 16028 Connect under pressure	11
NH ISO 16028 平面高脉冲	Flat Face ISO 16028 High pulse	14
FT 平面螺纹连接系列	Flat Face/Screw on	17
RK 管道式平面螺纹连接系列	Pipeline Flat Face/Screw on	22
RK/KL 重载工况专用平面螺纹连接系列	Flat Face/Screw on for heavy-duty industry	28
RF 平面螺纹连接系列(空调用)	Flat Face/Screw on for air-conditioning	38
SSL 滑移专用组合模块系列	Combined block series for skid steer	40
SQT 挖机专用(自动对接模块系列)	SQT Excavator-specific(automatic connecting module)	42
SOQ 模块系列	SOQ Module Series	44
FZN 快速加注喷嘴接头	Quickly attached nozzle connector	47
PH/PL 组合版平面系列	Multi coupling systems	48
PG 组合版平面系列	Multi coupling systems	52
PT 组合版平面系列	Multi coupling systems	54
FH/MKL 平面多路组自由定制化	Flat Face/Freely customized	55
KA ISO7241-1 A 锥面系列	ISO 7241-1 A	57
KA/H ISO7241-1 A 锥面系列	ISO 7241-1 A	62
KA1 ISO7241-1 A 锥面系列	Push Pull	66
KA2 ISO7241-1 A 锥面系列带泄压阀	Push Pull/Decompression Valve	72
KB 1SO7241-1 B 锥面系列	ISO 7241-1 B	74
KD 带泄压阀	Decompression Valve	79
RBVX 锥面系列(电解液用)	For Semiconductor Electrolyte	82
HV 锥面螺纹连接	Screw on/Wing nut	84
HS 1SO 14541 锥面螺纹连接系列	ISO 141541 Screw on	89
HTS 超高压 70Mpa	High pressure 70MPa	97
HBS 超高压 70Mpa 1SO 14540	High pressure 70MPa	99
CS 汽车驾驶室专用	CS cab free flow	101
CV 单向阀	CV check valve	103

快速接头选择和使用说明

Selection and use instructions for quick release couplings

样本中的产品选择不当，使用不当或损坏接头可能对设备和操作人员造成伤害。

Improper selection of the products in the catalogue, improper use or product damage may cause damage to equipment and operators.

安装前请仔细阅读并遵照本使用说明。

Read carefully the assembly and safety instructions before assembly.

安装检查 Before installation

•使用前，请确认通过快速接头的介质是否适用于快速接头。

•请务必对接前清洁对接表面，避免污染物进入快速接头。

•确保快速接头满足使用要求并且未在运输过程中受到损坏。

•Before use, please confirm whether the circulating medium is suitable for the quick release couplings.

•Be sure to clean the connecting surface before connection to prevent contaminants from entering the quick couplings.

•Make sure that the quick couplings meet the requirements and are not damaged during transportation.

注意事项 Attention

•保持管路的清洁能够避免内部阀体的损坏。

•扭曲、震动和侧向力，会降低产品使用性能和使用寿命。

•液压系统存在动态压力的情况下，请勿对接或者断开快速接头。

•当液压油温度大于 80℃，禁止断开或者对接。

•快速接头的工作压力应满足应用系统的压力峰值。

•如用于有震动、冲击的机器会造成耐久性降低。

•快速接头断开时，建议使用保护帽。

•Keeping the oil circuit clean can avoid damage to the internal valve.

•Distortion, vibration and lateral force will reduce the performance and service life of the product..

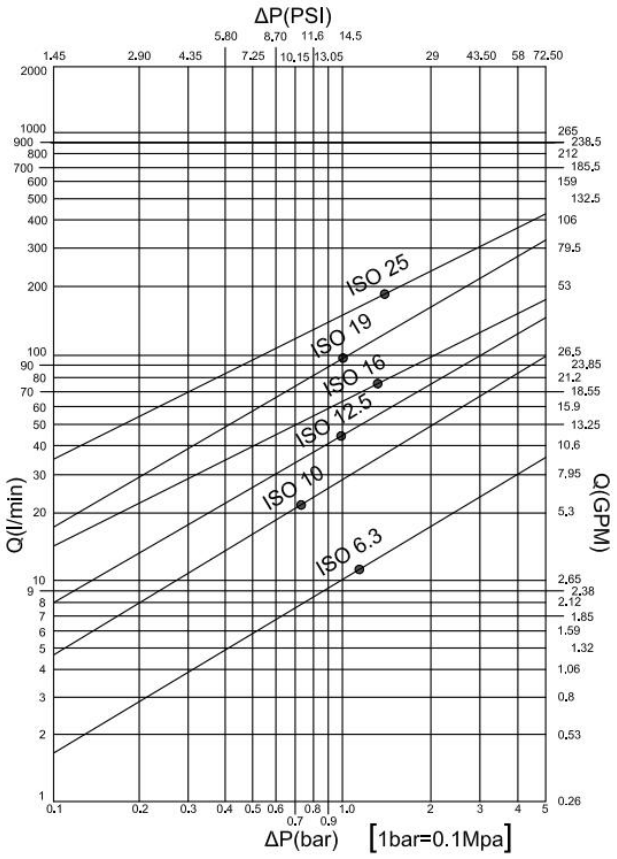
•When there is dynamic pressure in the hydraulic system, do not connect or disconnect the quick release couplings.

•When the hydraulic oil temperature is higher than 80℃, do not connect or disconnect the quick release couplings.

•The working pressure of the quick connector should meet the peak pressure of the application system.

•If it is used for vibration and impact machines, the durability of the couplings will be reduced.

•It is recommended to use a protective cap when the quick release couplings are disconnected.



技术参数：

- 标准：ISO 16028
- 阀系统：平面
- 锁紧方式：钢球锁定
- 可选材质：碳钢、316 不锈钢
- 表面处理：Zn-Ni
- 可选螺纹：BSP－NPT－SAE－ METRICHE
- 标准密封件：NBR,PU
- 工作温度：-25 ° C to +100 ° C /-40 ° C to +100 ° C
- 可选密封件：FKM, EPDM or more
- 工作压力：350-400 bar
- 带压操作：不允许

Technical data：

- Standard: ISO 16028
- Occlusion: flat face
- Locking: radial balls
- Material: steel, stainless steel AISI316
- Finishing: Zn-Ni
- Threads: BSP – NPT – SAE – METRICHE
- Standard seals: NBR ,PU
- Working temperature: -25 °C to+100 °C /-40 °C to+100 °C
- Optional seals: FKM, EPDM or more
- Working pressure: 350-400 bar
- Connection under pressure: not allowed

特征：

阀芯的内部设计和使用的高强度材料有助于实现最小压降，提升系统效率。
平面式阀芯拆断和对接时泄露量少，减少液压回路的油液损失。
平面式阀芯易清洁，降低对液压回路的污染。
套筒锁防止意外断开。

Features：

The internal design of the valve and the use of high-strength materials help to achieve a minimum pressure drop and improve system efficiency.
The flat valve leaks very little during disconnecting and connecting, reducing the losses of oil in the hydraulic circuit.
The flat valve is easy to clean and reduces pollution to the hydraulic circuit.
Sleeve lock prevents accidental disconnection.

应用：

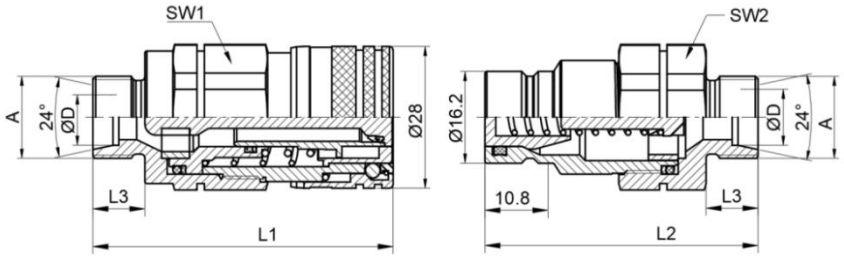
工业、工程机械、农业设备、液压工具、车辆、能源机械

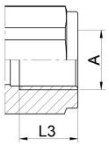
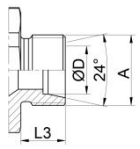
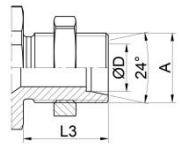
Applications：

Industrial, construction machinery, agricultural equipment, hydraulic tools, vehicles, energy machinery

标准尺寸 Nominal size		工作压力 Working pressure	额定流量 Rated flow （ISO）	建议最大流量 Max flow rate	爆破压力 Burst pressure			溢流量 Fluid spillage
					公头 Male	母头 Female	连接 Coupled	
FH	ISO	Mpa	l/min	l/min	Mpa	Mpa	Mpa	cc
FH06	6.3	40	12	25	180	120	200	0.006
FH10	10	35	23	46	160	140	170	0.012
FH12	12.5	35	45	90	140	140	170	0.02
FH16	16	35	74	148	140	140	170	0.026
FH19	19	35	100	200	130	120	140	0.03
FH25	25	35	189	378	100	100	110	0.035

Series FH06 BG1-ISO6.3



螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm) D	L1	L2	L3	SW1	SW2	Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 1/4		58.5	51.2	13	27	22	FH06-F-14BSP	195	FH06-M-14BSP	102
	NPT 1/4		58.5	51.2	13	27	22	FH06-F-14NPT	203	FH06-M-14NPT	107
	G 3/8		58.5	51.2	13	27	22	FH06-F-38BSP	192	FH06-M-38BSP	99
	NPT 3/8		58.5	51.2	13	27	22	FH06-F-38NPT	192	FH06-M-38NPT	99
外螺纹 24° 锥形 DIN 3861 /Male stud with type W bore (24°) to DIN 3861											
	M14×1.5	8L	58	50	10	27	22	FH06-F-L0814	180	FH06-M-L0814	113
	M16×1.5	10L	59	51	11	27	22	FH06-F-L1016	182	FH06-M-L1016	115
	M16×1.5	8S	60	52	12	27	22	FH06-F-S0816	187	FH06-M-S0816	120
	M18×1.5	10S	60	52	12	27	22	FH06-F-S1018	189	FH06-M-S1018	121
外螺纹 24° 锥形 DIN 3861 带隔板 /Male stud with type W bore (24°) to DIN 3861, Bulkhead											
	M14×1.5	8L	73	65	25	27	22	FH06-F-N0814	195	FH06-M-N0814	128
	M16×1.5	10L	74	66	26	27	22	FH06-F-N1016	200	FH06-M-N1016	134
	M16×1.5	8S	75	67	27	27	22	FH06-F-T0816	209	FH06-M-T0816	141
	M18×1.5	10S	75	67	27	27	22	FH06-F-T1016	214	FH06-M-T1016	147

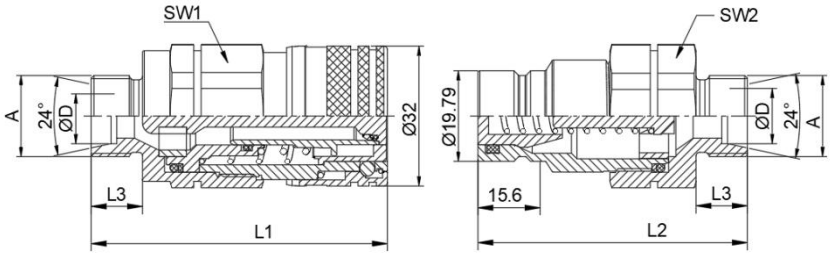
材质 316 不锈钢型号为 FHX, 如 FHX06-F-38BSP

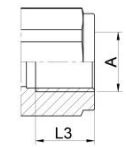
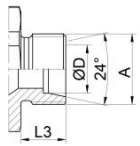
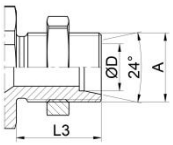
The item of material stainless steel 316 is FHX , such as: FHX06-F-38BSP

材质碳钢，工作温度为-40 ° C to +100 ° C，如 FH06-F-38BSP/T40

The item of material carbon steel, operating temperature -40 °C to +100 °C, such as FH06-F-38BSP/T40

Series FH10 BG2-ISO10



螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 3/8		74	60.5	13	30	27	FH10-F-38BSP	292	FH10-M-38BSP	152
	NPT 3/8		74	60.5	13	30	27	FH10-F-38NPT	315	FH10-M-38NPT	160
	G 1/2		74	63.5	16	30	27	FH10-F-12BSP	297	FH10-M-12BSP	150
	NPT 1/2		74	63.5	16	30	27	FH10-F-12NPT	300	FH10-M-12NPT	147
外螺纹 24° 锥形 DIN 3861 /Male stud with type W bore (24°) to DIN 3861											
	M14×1.5	8L	72.5	59.2	10	30	27	FH10-F-L0814	309	FH10-M-L0814	170
	M16×1.5	10L	72.5	59.2	11	30	27	FH10-F-L1016	307	FH10-M-L1016	169
	M18×1.5	12L	72.5	59.2	12	30	27	FH10-F-L1218	307	FH10-M-L1218	174
	M20×1.5	12S	72.5	59.2	12	30	27	FH10-F-S1220	309	FH10-M-S1220	176
	M22×1.5	15L	72.5	59.2	12	30	27	FH10-F-L1522	314	FH10-M-L1522	174
外螺纹 24° 锥形 DIN 3861 带隔板 /Male stud with type W bore (24°) to DIN 3861, Bulkhead											
	M16×1.5	10L	87.5	74.2	26	30	27	FH10-F-N1016	292	FH10-M-N1016	186
	M18×1.5	12L	87.5	74.2	26	30	27	FH10-F-N1218	295	FH10-M-N1218	189
	M20×1.5	12S	87.5	74.2	27	30	27	FH10-F-T1220	309	FH10-M-T1220	196
	M22×1.5	15L	87.5	74.2	27	30	27	FH10-F-N1522	312	FH10-M-N1522	205
	M24×1.5	16S	89.5	76.2	29	30	27	FH10-F-T1624	329	FH10-M-T1624	224

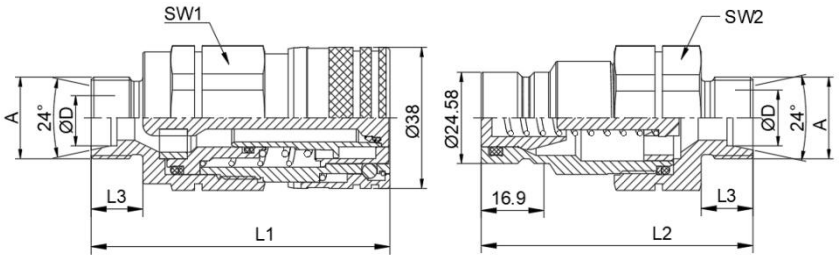
材质 316 不锈钢型号为 FHX, 如 FHX10-F-38BSP

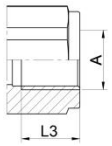
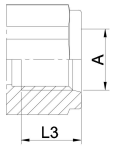
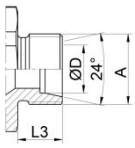
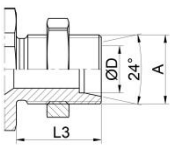
The item of material stainless steel 316 is FHX , such as: FHX10-F-38BSP.

材质碳钢，工作温度为-40 ° C to +100 ° C，如 FH10-F-38BSP/T40

The item of material carbon steel, operating temperature -40 °C to +100 °C, such as FH10-F-38BSP/T40

Series FH12 BG3-ISO12.5



螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm) D	L1	L2	L3	SW1	SW2	Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 1/2		84	72.5	16	36	36	FH12-F-12BSP	514	FH12-M-12BSP	316
	NPT 1/2		84	72.5	16	36	36	FH12-F-12NPT	511	FH12-M-12NPT	319
	G 3/4		84	74.5	18	36	36	FH12-F-34BSP	481	FH12-M-34BSP	286
	NPT 3/4		84	74.5	18	36	36	FH12-F-34NPT	486	FH12-M-34NPT	292
内螺纹 ISO 11926-1 /Female Thread ISO 11926-1											
	UNF 3/4-16		84	72.5	15.5	36	36	FH12-F-12SAE	525	FH12-M-12SAE	326
	UN 1 1/16-12		87	77.5	20	36	36	FH12-F-34SAE	545	FH12-M-34SAE	345
外螺纹 24° 锥形 DIN 3861 /Male stud with type W bore (24°) to DIN 3861											
	M22×1.5	15L	79	71.5	12	36	36	FH12-F-L1522	478	FH12-M-L1522	329
	M26×1.5	18L	79	71.5	12	36	36	FH12-F-L1826	482	FH12-M-L1826	333
	M24×1.5	16S	81	73.5	14	36	36	FH12-F-S1624	488	FH12-M-S1624	338
	M30×2	20S	83	75.5	16	36	36	FH12-F-S2030	503	FH12-M-S2030	353
外螺纹 24° 锥形 DIN 3861 带隔板 /Male stud with type W bore (24°) to DIN 3861, Bulkhead											
	M22×1.5	15L	94	86.5	27	36	36	FH12-F-N1522	452	FH12-M-N1522	363
	M26×1.5	18L	94	86.5	27	36	36	FH12-F-N1826	466	FH12-M-N1826	377
	M24×1.5	16S	96	88.5	29	36	36	FH12-F-T1624	470	FH12-M-T1624	380
	M30×2	20S	103	95.5	36	36	36	FH12-F-T2030	525	FH12-M-T2030	408

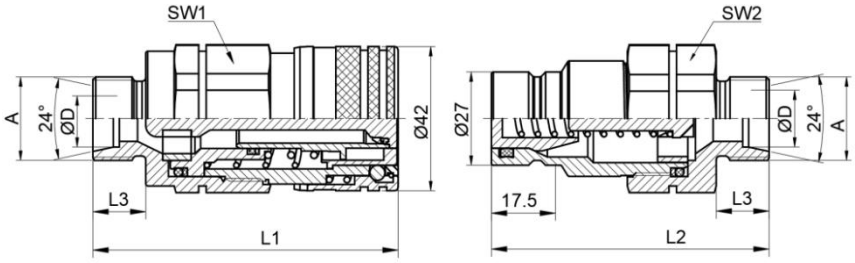
材质 316 不锈钢型号为 FHX, 如 FHX12-F-12BSP

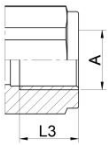
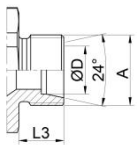
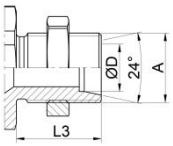
The item of material stainless steel 316 is FHX , such as: FHX12-F-12BSP.

材质碳钢，工作温度为-40 ° C to +100 ° C，如 FH12-F-12BSP/T40

The item of material carbon steel, operating temperature -40 °C to +100 °C, such as FH12-F-12BSP/T40

Series FH16 BG4-ISO16



螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm) D	L1	L2	L3	SW1	SW2	Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 1/2		84	73.5	16	41	36	FH16-F-12BSP	657	FH16-M-12BSP	326
	NPT 1/2		84	73.5	16	41	36	FH16-F-12NPT	670	FH16-M-12NPT	340
	G 3/4		84	75.5	18	41	36	FH16-F-34BSP	646	FH16-M-34BSP	315
	NPT 3/4		84	75.5	18	41	36	FH16-F-34NPT	651	FH16-M-34NPT	323
外螺纹 24° 锥形 DIN 3861 /Male stud with type W bore (24°) to DIN 3861											
	M30×2	22L	86	75.5	14	41	36	FH16-F-L2230	597	FH16-M-L2230	385
	M24×1.5	16S	86	75.5	14	41	36	FH16-F-S1624	597	FH16-M-S1624	385
外螺纹 24° 锥形 DIN 3861 带隔板 /Male stud with type W bore (24°) to DIN 3861, Bulkhead											
	M30×2	22L	106	95.5	34	41	36	FH16-F-N2230	664	FH16-M-N2230	448
	M36×2	25S	110	99.5	38	41	41	FH16-F-T2536	746	FH16-M-T2536	591

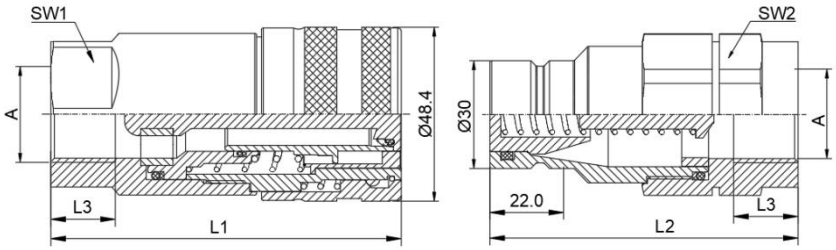
材质 316 不锈钢型号为 FHX, 如 FHX16-F-34BSP

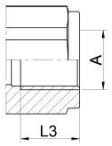
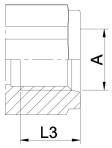
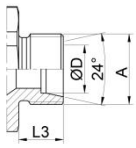
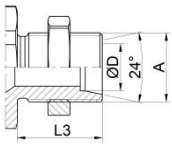
The item of material stainless steel 316 is FHX , such as: FHX16-F-34BSP.

材质碳钢，工作温度为-40 ° C to +100 ° C，如 FH16-F-34BSP/T40

The item of material carbon steel, operating temperature -40 °C to +100 °C, such as FH16-F-34BSP/T40

Series FH19 BG5-ISO19



螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm) D	L1	L2	L3	SW1	SW2	Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 3/4		97.8	86	18	41	41	FH19-F-34BSP	1015	FH19-M-34BSP	555
	NPT 3/4		97.8	86	18	41	41	FH19-F-34NPT	1024	FH19-M-34NPT	563
	G 1		97.8	86	20	41	41	FH19-F-1BSP	958	FH19-M-1BSP	498
	NPT 1		97.8	86	20	41	41	FH19-F-1NPT	981	FH19-M-1NPT	521
内螺纹 ISO 11926-1 /Female Thread ISO 11926-1											
	UN 1 1/16-12		97.8	86	18	41	41	FH19-F-34SAE	1012	FH19-M-34SAE	552
	UN 1 5/16-12		97.8	86	18	41	41	FH19-F-1SAE	950	FH19-M-1SAE	490
外螺纹 24° 锥形 DIN 3861 /Male stud with type W bore (24°) to DIN 3861											
	M30×2	22L	113	98	14	41	41	FH19-F-L2230	1060	FH19-M-L2230	582
	M36×2	25S	117	102	18	41	41	FH19-F-S2536	1098	FH19-M-S2536	621
	M42×2	30S	119	104	20	46	46	FH19-F-S3042	1123	FH19-M-S3042	647
外螺纹 24° 锥形 DIN 3861 带隔板 /Male stud with type W bore (24°) to DIN 3861, Bulkhead											
	M30×2	22L	133	118	34	41	41	FH19-F-N2230	1126	FH19-M-N2230	649
	M36×2	25S	137	122	38	41	41	FH19-F-T2536	1209	FH19-M-T2536	731
	M42×2	30S	139	124	40	46	46	FH19-F-T3042	1267	FH19-M-T3042	798

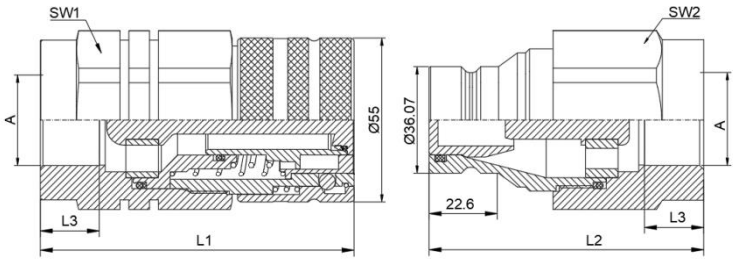
材质 316 不锈钢型号为 FHX, 如 FHX19-F-1BSP

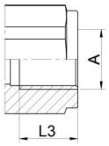
The item of material stainless steel 316 is FHX , such as: FHX19-F-1BSP.

材质碳钢，工作温度为-40 ° C to +100 ° C，如 FH19-F-1BSP/T40

The item of material carbon steel, operating temperature -40 °C to +100 °C, such as FH19-F-1BSP/T40

Series FH25 BG6-ISO25



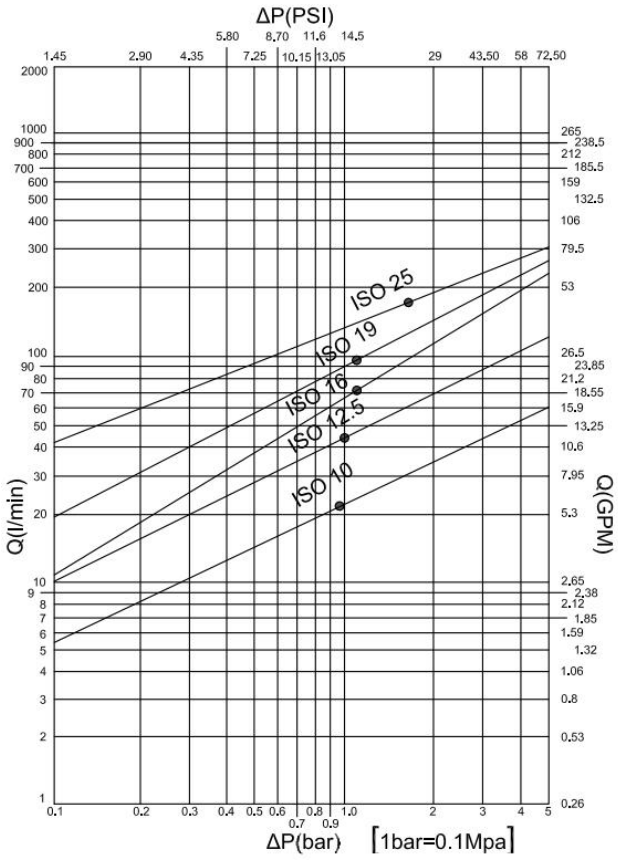
螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 1		106	93	20	55	55	FH25-F-1BSP	1417	FH25-M-1BSP	815
	NPT 1		106	93	20	55	55	FH25-F-1NPT	1415	FH25-M-1NPT	822
	G 1 1/4		106	93	22	55	55	FH25-F-114BSP	1300	FH25-M-114BSP	714
	NPT 1 1/4		106	93	22	55	55	FH25-F-114NPT	1337	FH25-M-114NPT	736
	G 1 1/2		106	93	24	55	55	FH25-F-112BSP	1233	FH25-M-112BSP	704
	NPT 1 1/2		106	93	24	55	55	FH25-F-112NPT	1230	FH25-M-112NPT	712

材质 316 不锈钢型号为 FHX, 如 FHX25-F-1BSP

The item of material stainless steel 316 is FHX , such as: FHX25-F-1BSP.

材质碳钢，工作温度为-40 ° C to +100 ° C，如 FH25-F-1BSP/T40

The item of material carbon steel, operating temperature -40 °C to +100 °C, such as FH25-F-1BSP/T40



技术参数：

- 标准：ISO 16028
- 阀系统：平面
- 锁紧方式：钢球锁定
- 可选材质：碳钢、316 不锈钢
- 表面处理：Zn-Ni
- 可选螺纹：BSP－NPT－SAE－METRICHE
- 标准密封件：NBR,PU
- 工作温度：-25 ° C to +100 ° C /-40 ° C to +100 ° C
- 可选密封件：FKM, EPDM or more
- 工作压力：350-400 bar
- 带压操作：只允许公接头带静态残压对接，不允许带残压拆断

Technical data：

- Standard: ISO 16028
- Occlusion: flat face
- Locking: radial balls
- Material: steel, stainless steel AISI316
- Finishing: Zn-Ni
- Threads: BSP – NPT – SAE – METRICHE
- Standard seals: NBR,PU
- Working temperature: -25 ˚C to +100 ˚C/-40 ˚C to +100 ˚C
- Optional seals: FKM, EPDM or more
- Working pressure: 350-400 bar
- Connection under pressure: only the male body is allowed to be connected with residual pressure,it"s not allowed to disconnect with residual pressure.

特征：

阀芯的内部设计和使用的高强度材料有助于实现最小压降，提升系统效率。
平面式阀芯拆断和对接时泄露量少，减少液压回路的油液损失。
平面式阀芯易清洁，降低对液压回路的污染。
套筒锁防止意外断开。
双重内部泄压阀使系统残存压力时，快速接头对接更轻松。

Features：

The internal design of the valve and the use of high-strength materials help to achieve a minimum pressure drop and improve system efficiency.
The flat valve leaks very little during disconnecting and connecting, reducing the losses of oil in the hydraulic circuit.
The flat valve is easy to clean and reduces pollution to the hydraulic circuit.
Sleeve lock prevents accidental disconnection.
Dual internal pressure relief valves make quick joint docking easier when system pressure remains.

应用：

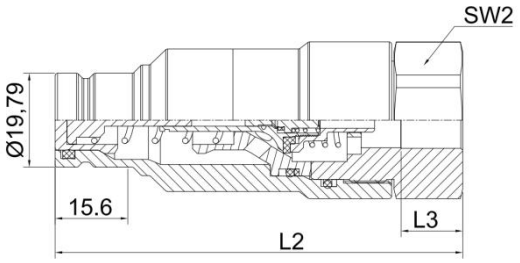
工业、工程机械、农业设备、液压工具、车辆、能源机械

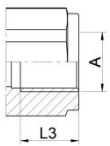
Applications：

Industrial, construction machinery, agricultural equipment, hydraulic tools, vehicles, energy machinery

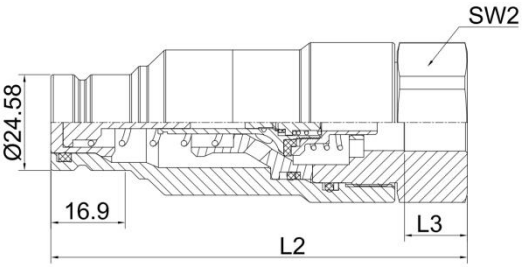
标准尺寸 Nominal size		工作压力 Working pressure	额定流量 Rated flow （ISO）	建议最大流量 Max flow rate	爆破压力 Burst pressure	溢流量 Fluid spillage
FU	ISO	Mpa	l/min	l/min	Mpa	cc
FU10	10	35	23	46	140	0.012
FU12	12.5	35	45	90	140	0.02
FU16	16	35	74	148	140	0.026
FU19	19	35	100	200	120	0.03
FU25	25	35	189	378	120	0.035

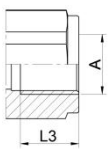
Series FU10 BG1-ISO10



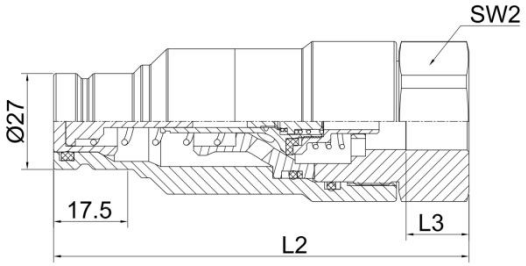
螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
		D	L1	L2	L3	SW1	SW2				
内螺纹 DIN 3852 /Female Thread DIN 3852											
	G 1/4			86	13		30			FU10-M-38BSP	248
	G 3/8			86	13		30			FU10-M-38BSP	241
	G 1/2			86	16		30			FU10-M-12BSP	246

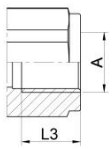
Series FU12 BG2-ISO12.5



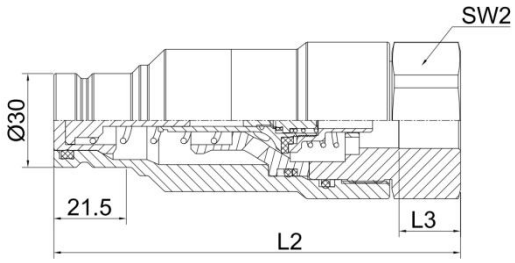
螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
		D	L1	L2	L3	SW1	SW2				
内螺纹 DIN 3852 /Female Thread DIN 3852											
	G 1/2			96	16		36			FU12-M-12BSP	492
	G 3/4			100	18		36			FU12-M-34BSP	511

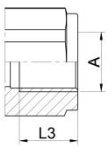
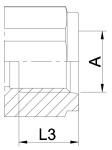
Series FU16 BG3-ISO16

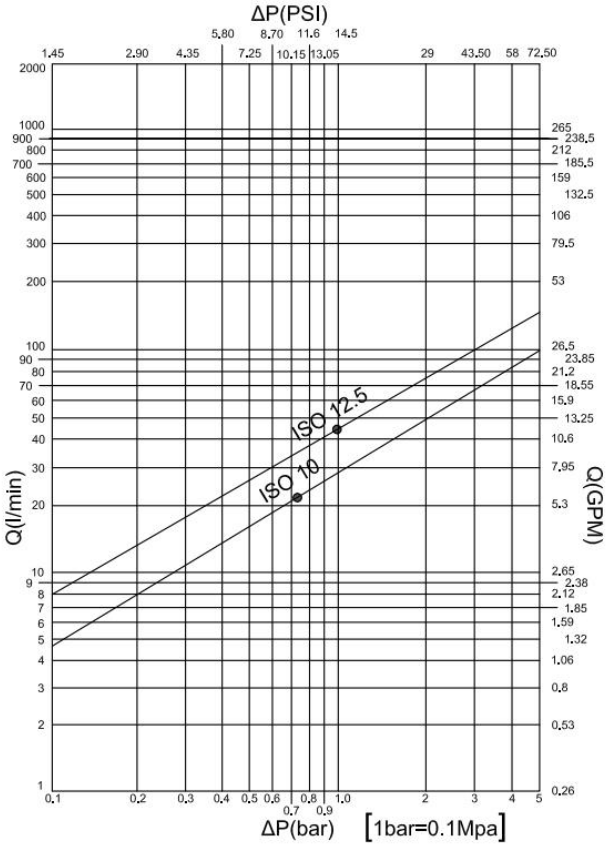


螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm) D	L1	L2	L3	SW1	SW2	Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
内螺纹 DIN 3852 /Female Thread DIN 3852											
	G 3/4			109.5	18		41			FU16-M-34BSP	630

Series FU19 BG4-ISO19



螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm) D	L1	L2	L3	SW1	SW2	Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 3/4			115.5	18		41			FU19-M-34BSP	826
	G 1			115.5	20		46			FU19-M-1BSP	779
	NPT 1			115.5	20		46			FU19-M-1NPT	775
内螺纹 ISO 11926-1 /Female Thread ISO 11926-1											
	UN 1 5/16-12			115.5	20		46			FU19-M-1SAE	775



技术参数：

- 标准：ISO 16028
- 阀系统：平面
- 锁紧方式：钢球锁定
- 可选材质：高合金钢
- 表面处理：Zn-Ni
- 可选螺纹：BSP－NPT－SAE－METRICHE
- 标准密封件：NBR,PU
- 工作温度：-25 ° C to +100 ° C/-40 ° C to +100 ° C
- 可选密封件：FKM, EPDM or more
- 工作压力：350 bar
- 带压操作：不允许

Technical data:

- Standard: ISO 16028
- Occlusion: flat face
- Locking: radial balls
- Material: High alloy steel
- Finishing: Zn-Ni
- Threads: BSP – NPT – SAE – METRICHE
- Standard seals: NBR,PU
- Working temperature: -25 °C to +100 °C /-40°C to +100 °C
- Optional seals: FKM, EPDM or more
- Working pressure: 350 bar
- Connection under pressure: not allowed

特征：

阀芯的内部设计和使用的高强度材料有助于实现最小压降，提升系统效率。
平面式阀芯拆断和对接时泄露量少，减少液压回路的油液损失。
平面式阀芯易清洁，降低对液压回路的污染。
套筒锁防止意外断开。
可适用高压和高脉冲频率的重载工况

Features:

The internal design of the valve and the use of high-strength materials help to achieve a minimum pressure drop and improve system efficiency.
The flat valve leaks very little during disconnecting and connecting, reducing the losses of oil in the hydraulic circuit.
The flat valve is easy to clean and reduces pollution to the hydraulic circuit.
Sleeve lock prevents accidental disconnection.
It can be used in high-pressure and high-pulse frequency heavy-duty conditions.

应用：

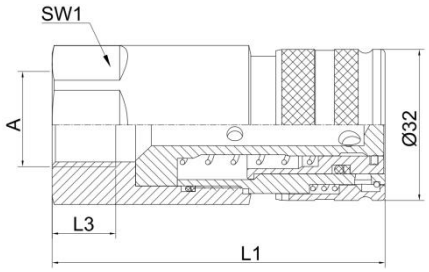
工程机械、农业设备、挖机

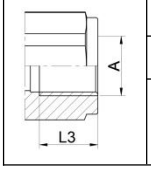
Applications:

Construction machinery, agricultural equipment, excavator

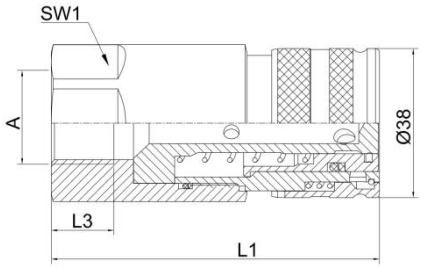
标准尺寸 Nominal size		工作压力 Working pressure	额定流量 Rated flow （ISO）	建议最大流量 Max flow rate	爆破压力 Burst pressure			溢流量 Fluid spillage
					公头 Male	母头 Female	连接 Coupled	
FH/HP	ISO	Mpa	l/min	l/min	Mpa	Mpa	Mpa	cc
NH10	10	35	23	46		160		0.012
NH12	12.5	35	45	90		140		0.02

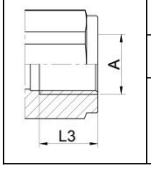
Series NH10 BG1-ISO10



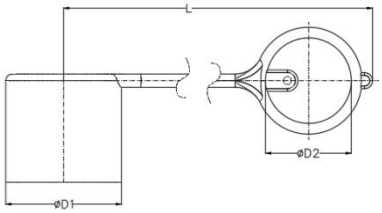
螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 3/8		73.5		13	27		NH10-F-38BSP	292		
	NPT 3/8		73.5		13	27		NH10-F-38NPT	315		

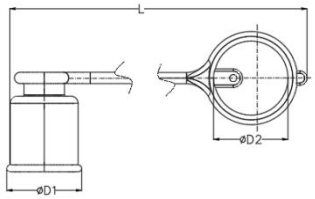
Series NH12 BG2-ISO12.5



螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 1/2		83.5		16	36		NH12-F-12BSP	514		
	NPT 1/2		83.5		16	36		NH12-F-12NPT	511		

塑料帽塞 PLASTIC CAPS

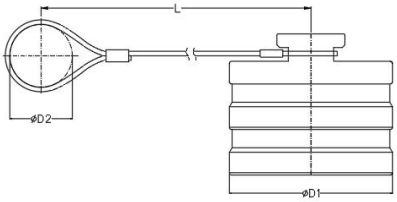


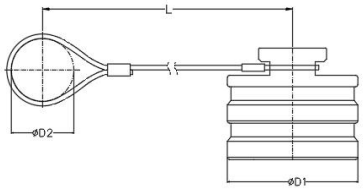


型号 Part Numbers	材质 Material	D1 (mm)	D2 (mm)	L (mm)	重量 g
FH06-0-RT001	塑料(红)/Plastic （Red）	34	24	170	18.6
FH10-0-RT001	塑料(红)/Plastic （Red）	36.6	27.2	220	21
FH12-0-RT001	塑料(红)/Plastic （Red）	43.5	32	250	26.3
FH16-0-RT001	塑料(红)/Plastic （Red）	48.8	35.7	270	42.9
FH19-0-RT001	塑料(红)/Plastic （Red）	53	41.5	235	58.6
FH25-0-RT001	塑料(红)/Plastic （Red）	60	50.5	290	86.5

型号 Part Numbers	材质 Material	D1 (mm)	D2 (mm)	L (mm)	重量 g
FH06-9-RT001	塑料(红)/Plastic （Red）	21	20.5	170	11.5
FH10-9-RT001	塑料(红)/Plastic （Red）	33	25.2	220	17.5
FH12-9-RT001	塑料(红)/Plastic （Red）	38.6	31	250	17.3
FH16-9-RT001	塑料(红)/Plastic （Red）	42	34.5	270	28
FH19-9-RT001	塑料(红)/Plastic （Red）	47	40.5	235	36.5
FH25-9-RT001	塑料(红)/Plastic （Red）	55	50.5	290	66.4

铝帽塞 ALUMINIUM CAPS



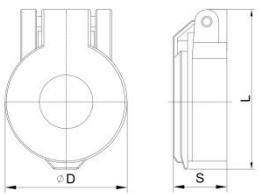


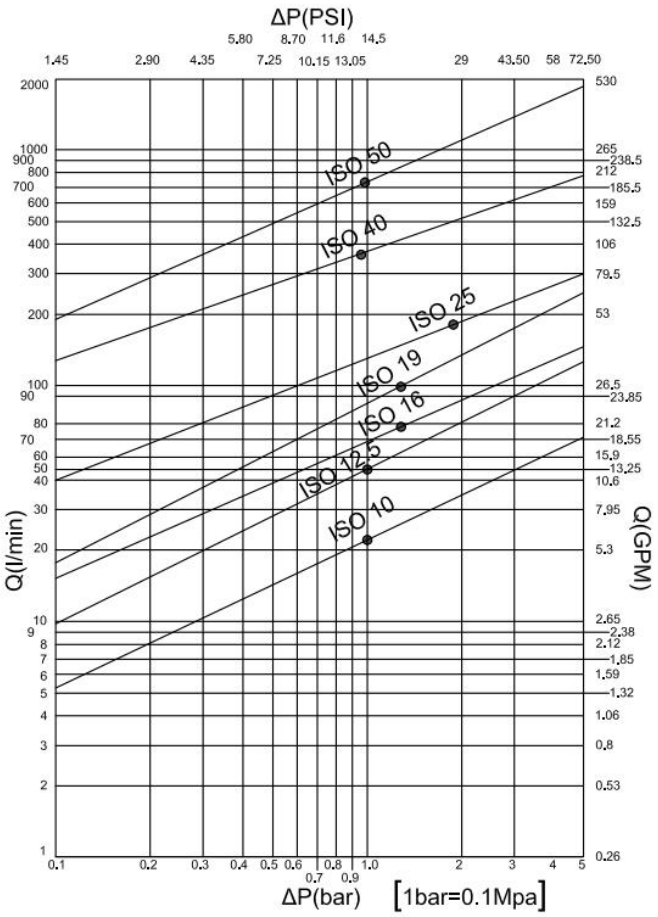
型号 Part Numbers	材质 Material	D1 (mm)	D2 (mm)	L (mm)	重量 g
FH06-0-SI001	铝制带链/Aluminium with chain	36		250	87.8
FH10-0-SI001	铝制带链/Aluminium with chain	40		250	22.8
FH12-0-SI001	铝制带链/Aluminium with chain	46		250	88.2
FH16-0-SI001	铝制带链/Aluminium with chain	50		300	79
FH19-0-SI001	铝制带链/Aluminium with chain	59		300	80.7
FH25-0-SI001	铝制带链/Aluminium with chain			300	104

型号 Part Numbers	材质 Material	D1 (mm)	D2 (mm)	L (mm)	重量 g
FH06-9-SI001	铝制带链/Aluminium with chain	28.5		250	76
FH10-9-SI001	铝制带链/Aluminium with chain	32.5		250	35.5
FH12-9-SI001	铝制带链/Aluminium with chain	38.5		250	35.1
FH16-9-SI001	铝制带链/Aluminium with chain	42.5		300	52.4
FH19-9-SI001	铝制带链/Aluminium with chain	48		300	50.1
FH25-9-SI001	铝制带链/Aluminium with chain			300	48.6

翻盖保护盖 AUTOMATIC CAPS

型号 Part Numbers	材质 Material	D1 (mm)	S (mm)	L (mm)	重量 g
FH10-0-RF001	塑料(黑)/Plastic （Black）	38.5	18.2	53	17
FH10-0-RF001	塑料(黄)/Plastic （Yellow）	38.5	18.2	53	17
FH10-0-RF001	塑料(红)/Plastic （Red）	38.5	18.2	53	17
FH10-0-RF001	塑料(蓝)/Plastic （Blue）	38.5	18.2	53	17
FH12-0-RF001	塑料(黑)/Plastic （Black）	46.5	18.2	61	23
FH12-0-RF001	塑料(黄)/Plastic （Yellow）	46.5	18.2	61	23
FH12-0-RF001	塑料(红)/Plastic （Red）	46.5	18.2	61	23
FH12-0-RF001	塑料(蓝)/Plastic （Blue）	46.5	18.2	61	23





技术参数：

- 阀系统：平面
- 锁紧方式：螺纹锁定
- 可选材质：碳钢
- 表面处理：Zn-Ni
- 可选螺纹：BSP－NPT－SAE－METRICHE
- 标准密封件：NBR,PU
- 工作温度：-25 ° C to +100 ° C /-40 ° C to +100 ° C
- 可选密封件：FKM, EPDM or more
- 工作压力：300-450 bar
- 带压操作：允许带静态残压操作
- 最大带压操作压力：300bar

Technical data：

- Occlusion: flat face
- Locking: screw
- Material: steel,
- Finishing: Zn-Ni
- Threads: BSP – NPT – SAE – METRICHE
- Standard seals: NBR,PU
- Working temperature: -25 ˚C to +100 ˚C/-40 ˚C to +100 ˚C
- Optional seals: FKM, EPDM or more
- Working pressure: 300-450 bar
- Connection under pressure: allowed(both male and female)
- Max residual pressure: 300bar

特征：

阀芯的内部设计和使用的高强度材料有助于实现最小压降，提升系统效率。
平面式阀芯拆断和对接时泄露量少，减少液压回路的油液损失。
平面式阀芯易清洁，降低对液压回路的污染。
螺纹锁紧可避免钢珠锁定的机械磨损和布氏效应。

Features：

The internal design of the valve and the use of high-strength materials help to achieve a minimum pressure drop and improve system efficiency.
The flat valve leaks very little during disconnecting and connecting, reducing the losses of oil in the hydraulic circuit.
The flat valve is easy to clean and reduces pollution to the hydraulic circuit.
Threaded locking can prevent mechanical wear and Brinell effect caused by steel ball locking.

应用：

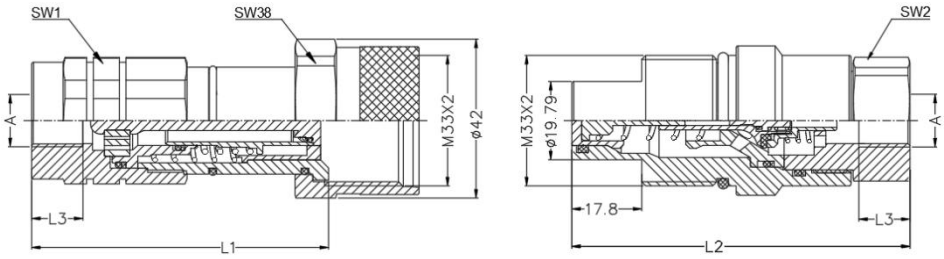
工业、工程机械、液压工具、车辆、能源机械

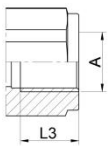
Applications：

Industrial, construction machinery, hydraulic tools, vehicles, energy machinery

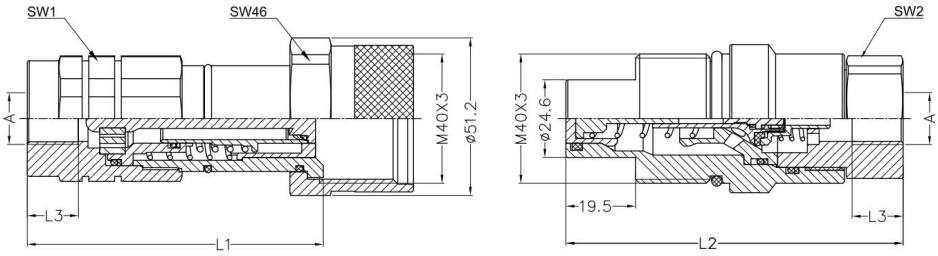
标准尺寸 Nominal size		工作压力 Working pressure	额定流量 Rated flow （ISO）	建议最大流量 Max flow rate	爆破压力 Burst pressure			溢流量 Fluid spillage
					公头 Male	母头 Female	连接 Coupled	
FT	ISO	Mpa	l/min	l/min	Mpa	Mpa	Mpa	cc
FT10	10	35	23	46	140	170	140	0.010
FT12	12.5	35	45	90	140	140	140	0.012
FT16	16	35	74	148	140	140	140	0.015
FT19	19	35	100	200	140	140	140	0.020
FT25	25	35	189	378	140	140	140	0.030
FT30	40	35	379	750	140	140	140	0.200
FT50	50	35	757	1000	110	80	140	0.35

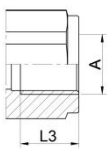
Series FT10 BG1-ISO10



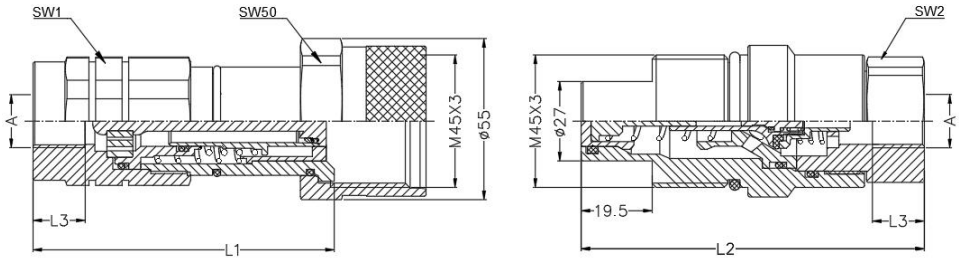
螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 3/8		75	87	13	30	30	FT10-F-38BSP	360	FT10-M-38BSP	384
	NPT 3/8		75	87	13	30	30	FT10-F-38NPT	383	FT10-M-38NPT	397
	G 1/2		75	90	16	30	30	FT10-F-12BSP	365	FT10-M-12BSP	379
	NPT 1/2		75	90	16	30	30	FT10-F-12NPT	369	FT10-M-12NPT	385

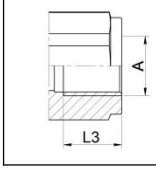
Series FT12 BG2-ISO12.5



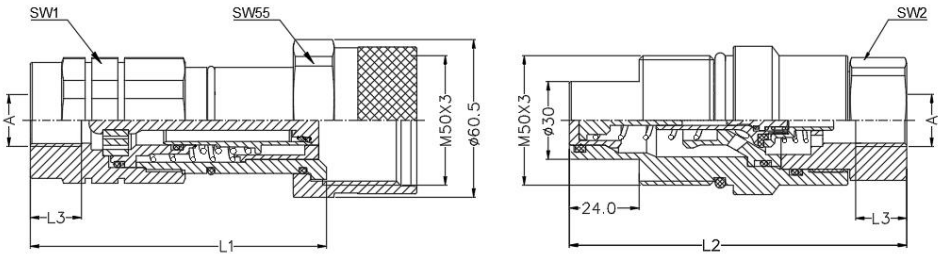
螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 1/2		85	96	16	36	36	FT12-F-12BSP	657	FT12-M-12BSP	671
	NPT 1/2		85	96	16	36	36	FT12-F-12NPT	617	FT12-M-12NPT	731
	G 3/4		85	100	18	36	36	FT12-F-34BSP	625	FT12-M-34BSP	691
	NPT 3/4		85	100	18	36	36	FT12-F-34NPT	630	FT12-M-34NPT	675

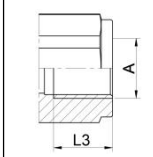
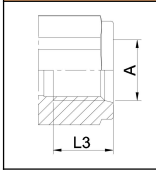
Series FT16 BG3-ISO16



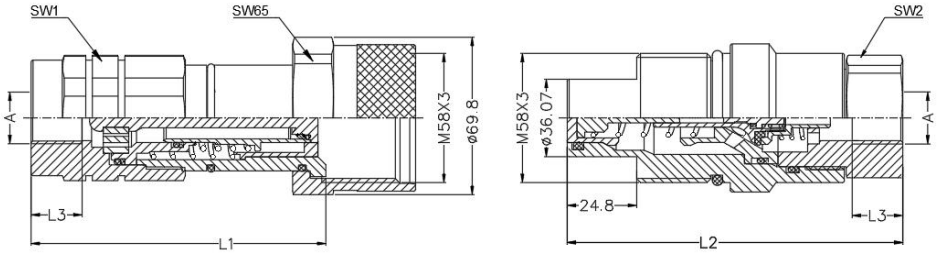
螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm) D	L1	L2	L3	SW1	SW2	Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 3/4		85	110	18	41	41	FT16-F-34BSP	803	FT16-M-34BSP	963
	NPT 3/4		85	110	18	41	41	FT16-F-34NPT	798	FT16-M-34NPT	969
	G 1		87	112	20	41	41	FT16-F-1BSP	768	FT16-M-1BSP	928
	NPT 1		87	112	20	41	41	FT16-F-1NPT	771	FT16-M-1NPT	932

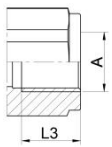
Series FT19 BG4-ISO19



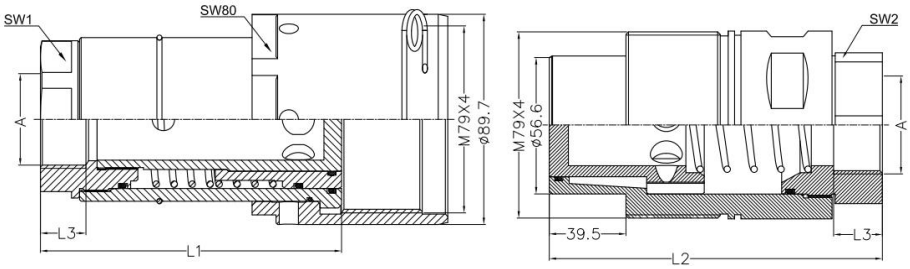
螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm) D	L1	L2	L3	SW1	SW2	Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 3/4		101	115	18	46	41	FT19-F-34BSP	1355	FT19-M-34BSP	1061
	G 1		101	115	20	46	46	FT19-F-1BSP	1298	FT19-M-1BSP	1014
	NPT 1		101	115	20	46	46	FT19-F-1NPT	1320	FT19-M-1NPT	1028
内螺纹 ISO 11926-1 /Female Thread ISO 11926-1											
	UN 1 5/16-12		101	115.5	20	46	46	FT19-F-1SAE	1320	FT19-M-1SAE	1028

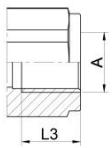
Series FT25 BG5-ISO25



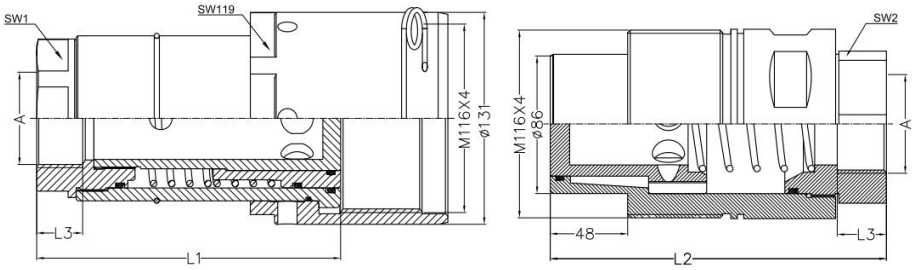
螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 1 1/4		108	125	22	55	55	FT25-F-114BSP	1502	FT25-M-114BSP	1897
	NPT 1 1/4		108	125	22	55	55	FT25-F-114NPT	1539	FT25-M-114NPT	1919

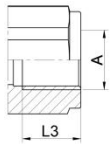
Series FT30 BG6-ISO40



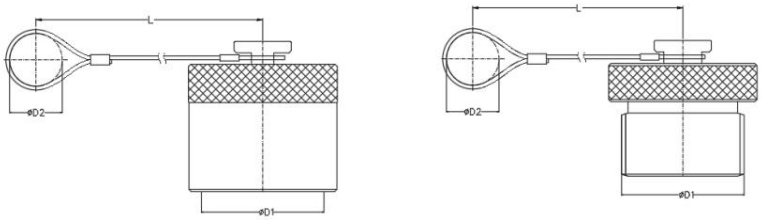
螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 1 1/2		170	180	24	60	60	FT30-F-112BSP	4422	FT30-M-112BSP	4020
	NPT 1 1/2		170	180	24	60	60	FT30-F-112NPT	4442	FT30-M-112NPT	4041

Series FT50 BG7-ISO50



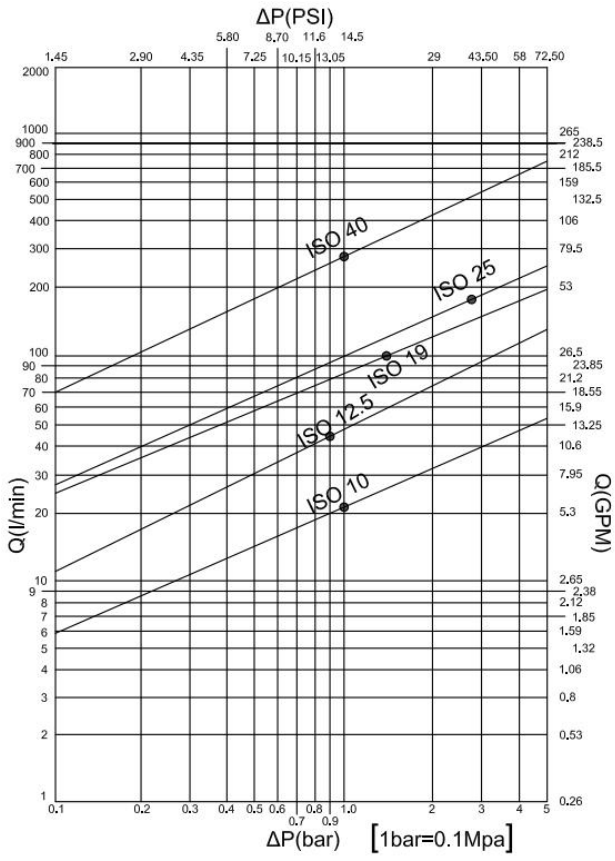
螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 2		200	206	29	90	90	FT50-F-2BSP	6240	FT50-M-2BSP	5900
	NPT 2		200	206	29	90	90	FT50-F-2NPT	6270	FT50-M-2NPT	5930

铝帽塞 ALUMINIUM CAPS



型号 Part Numbers	材质 Material	D1 (mm)	L (mm)	重量 g
FT06-0-SI001	铝制带链/Aluminium with chain	M30*2	250	
FT10-0-SI001	铝制带链/Aluminium with chain	M33*2	250	45
FT12-0-SI001	铝制带链/Aluminium with chain	M40*3	250	70
FT16-0-SI001	铝制带链/Aluminium with chain	M45*3	300	81
FT19-0-SI001	铝制带链/Aluminium with chain	M50*3	300	
FT25-0-SI001	铝制带链/Aluminium with chain	M58*3	300	159
FT30-0-SI001	铝制带链/Aluminium with chain	M79*4	300	
FT50-0-SI001	铝制带链/Aluminium with chain	M116*4	300	

型号 Part Numbers	材质 Material	D1 (mm)	L (mm)	重量 g
FT06-9-SI001	铝制带链/Aluminium with chain	M30*2	250	
FT10-9-SI001	铝制带链/Aluminium with chain	M33*2	250	54
FT12-9-SI001	铝制带链/Aluminium with chain	M40*3	250	120
FT16-9-SI001	铝制带链/Aluminium with chain	M45*3	300	184
FT19-9-SI001	铝制带链/Aluminium with chain	M50*3	300	
FT25-9-SI001	铝制带链/Aluminium with chain	M58*3	300	262
FT30-9-SI001	铝制带链/Aluminium with chain	M79*4	300	
FT50-9-SI001	铝制带链/Aluminium with chain	M116*4	300	



技术参数：

- 阀系统：平面
- 锁紧方式：螺纹锁定
- 可选材质：碳钢
- 表面处理：Zn-Ni
- 可选螺纹：BSP－NPT－SAE－METRICHE
- 标准密封件：NBR,PU
- 工作温度： -40 ° to +100 ° C
- 可选密封件：FKM, EPDM or more
- 工作压力：420 bar
- 带压操作：允许带残压连接
- 最大带压操作压力：100bar

Technical data：

- Occlusion: flat face
- Locking: screw
- Material: steel
- Finishing: Zn-Ni
- Threads: BSP – NPT – SAE – METRICHE
- Standard seals: NBR,PU
- Working temperature: -40 °C to +100 °C
- Optional seals: FKM, EPDM or more
- Working pressure: 420 bar
- Connection under pressure: possible(under low residual pressure)
- Max residual pressure: 100bar

特征：

阀芯的内部设计和使用的高强度材料有助于实现最小压降，提升系统效率。
平面式阀芯拆断和对接时泄露量少，减少液压回路的油液损失。
螺纹锁紧可避免钢珠锁定的机械磨损和布氏效应。
可适用高压和高脉冲频率的重载工况。

Features：

The internal design of the valve and the use of high-strength materials help to achieve a minimum pressure drop and improve system efficiency.
The flat valve leaks very little during disconnecting and connecting, reducing the losses of oil in the hydraulic circuit.
Threaded locking can prevent mechanical wear and Brinell effect caused by steel ball locking.
It can be used in high-pressure and high-pulse frequency heavy-duty conditions.

应用：

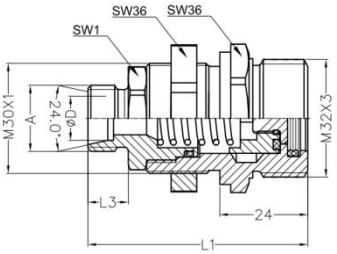
工业、工程机械、车辆

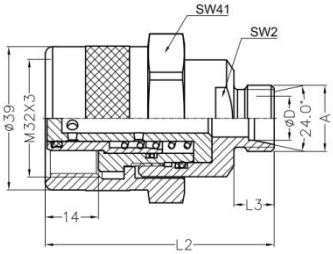
Applications：

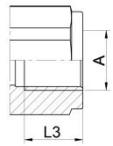
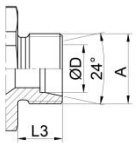
Industrial, construction machinery, vehicles

标准尺寸 Nominal size		工作压力 Working pressure	额定流量 Rated flow (ISO)	建议最大流量 Max flow rate	爆破压力 Burst pressure			溢流量 Fluid spillage
					公头 Male	母头 Female	连接 Coupled	
RK	ISO	Mpa	l/min	l/min	Mpa	Mpa	Mpa	cc
RK08	10	42	23	46	160	160	160	0.02
RK12	12.5	42	45	90	126	126	126	0.02
RK16	19	42	106	212	126	126	126	0.06
RK20	25	42	189	378	120	120	130	0.1
RK25	40	42	288	576	120	120	130	1

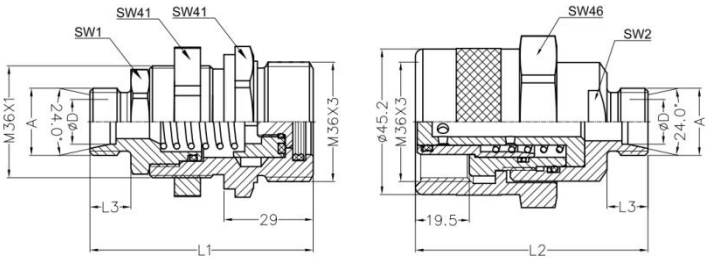
Series RK08 BG1-ISO10

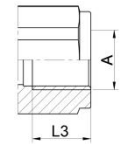
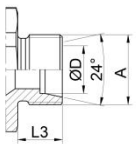




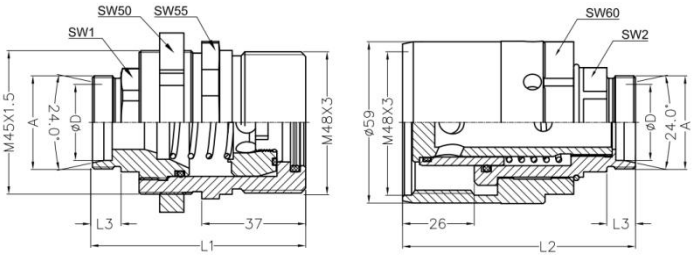
螺纹	A 油口	尺寸						母头	重量	公头	重量
		Dimensions(mm)						Female Body	Weight	Male Tip	Weight
THREADS	Port A	D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /Female Thread DIN 3852											
	G 1/4		58	62.5	13	25	27	RK08-F-14BSP	237	RK08-M-14BSP	361
	G 3/8		58	62.5	13	25	27	RK08-F-38BSP	230	RK08-M-38BSP	370
外螺纹 24° 锥形 DIN 3861 /Male stud with type W bore (24°) to DIN 3861											
	M16x1.5	10L	58	62.5	11	25	27	RK08-F-L1016	220	RK08-M-L1016	310
	M18x1.5	12L	58	62.5	11	25	27	RK08-F-L1218	248	RK08-M-L1218	309
	M18x1.5	12L	65		11	25		RK08-F-L1218L	258		
	M18x1.5	10S	59	62.5	12	25	27	RK08-F-S1018	215	RK08-M-S1018	315
	M20x1.5	12S	61	62.5	12	25	27	RK08-F-S1220	218	RK08-M-S1220	319
	M24x1.5	16S	61	65.5	14	25	27	RK08-F-S1624	239	RK08-M-S1624	329

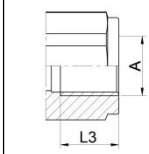
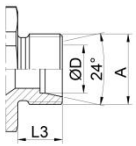
Series RK12 BG2-ISO12.5



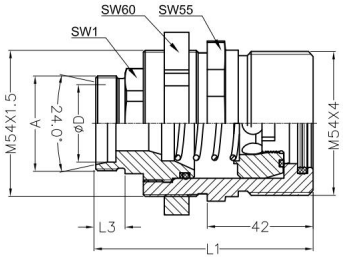
螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm) D	L1	L2	L3	SW1	SW2	Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
内螺纹 DIN 3852 /Female Thread DIN 3852											
	G 1/2		67	79	16	32	36	RK12-F-12BSP	328	RK12-M-12BSP	540
外螺纹 24° 锥形 DIN 3861 /Male stud with type W bore (24°) to DIN 3861											
	M22x1.5	15L	65	75	12	32	36	RK12-F-L1522	327	RK12-M-L1522	523
	M22x1.5	15L	72		12	32		RK12-F-L1522L	338		
	M26x1.5	18L	72	75	12	32	36	RK12-F-L1826L	373	RK12-M-L1826	568
	M24x1.5	16S	67	79	14	32	36	RK12-F-S1624	336	RK12-M-S1624	545
	M24x1.5	16S	71		14	32		RK12-F-S1624L	342		
	M30x2	20S	69	79	16	32	36	RK12-F-S2030	348	RK12-M-S2030	571
	M30x2	20S	73		16	32		RK12-F-S2030L	377		

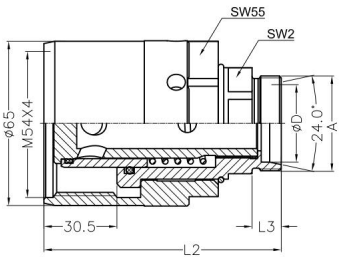
Series RK16 BG3-ISO19

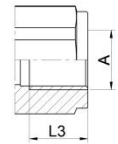
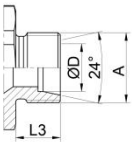


螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
		D	L1	L2	L3	SW1	SW2				
内螺纹 DIN 3852 /Female Thread DIN 3852											
	G 3/4		83.5	90	18	41	36	RK16-F-34BSP	685	RK16-M-34BSP	957
外螺纹 24° 锥形 DIN 3861 /Male stud with type W bore (24°) to DIN 3861											
	M22x1.5	15L	81.5	83	12	41	32	RK16-F-L1522	680	RK16-M-L1522	952
	M26x1.5	18L	83.5	85	12	41	32	RK16-F-L1826	684	RK16-M-L1826	955
	M30x2	22L	83.5	85	14	41	32	RK16-F-L2230	688	RK16-M-L2230	958
	M24x1.5	16S	81.5	83	14	41	32	RK16-F-S1624	685	RK16-M-S1624	957
	M30x2	20S	83.5	85	16	41	32	RK16-F-S2030	692	RK16-M-S2030	962

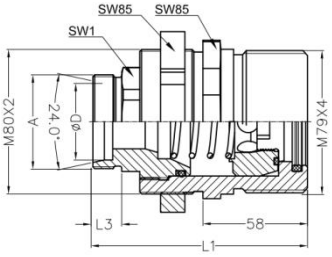
Series RK20 BG4-ISO25

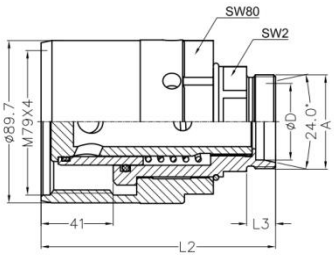


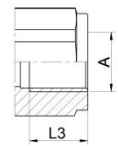
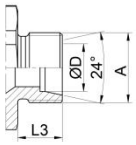


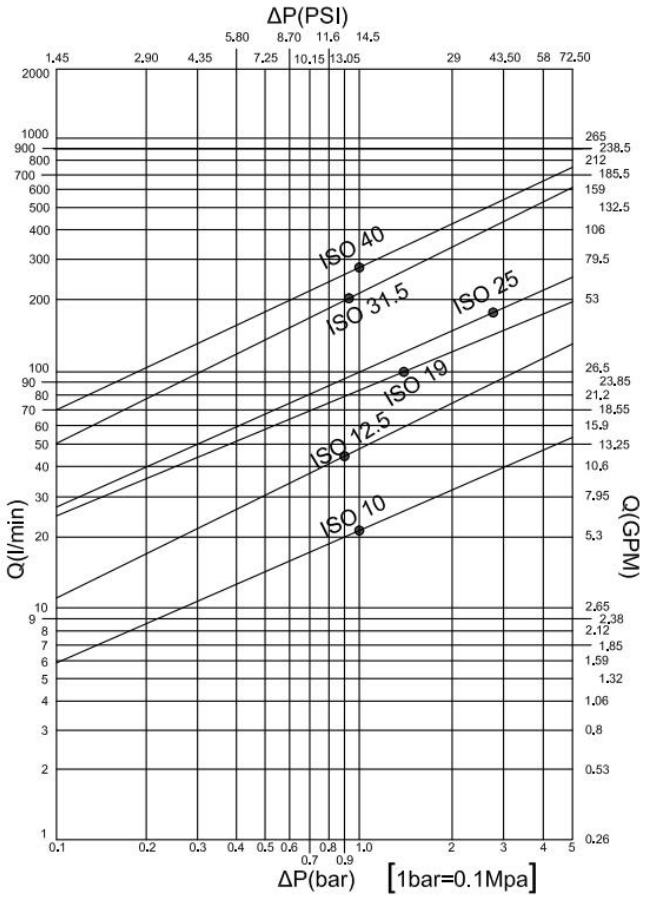
螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm) D	L1	L2	L3	SW1	SW2	Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
内螺纹 DIN 3852 /Female Thread DIN 3852											
	G 1		98	114	20	46	41	RK20-F-1BSP	951	RK20-M-1BSP	1372
	G 114		101		22	50		RK20-F-114BSP	930		
外螺纹 24° 锥形 DIN 3861 /Male stud with type W bore (24°) to DIN 3861											
	M26x1.5	18L	90	105	12	46	41	RK20-F-L1826	897	RK20-M-L1826	1350
	M26x1.5	18L	97		12	46		RK20-F-L1826L	922		
	M30x2	22L	92	107	14	46	41	RK20-F-L2230	920	RK20-M-L2230	1350
	M36x2	28L	92	107	14	46	41	RK20-F-L2836	941	RK20-M-L2836	1400
	M36x2	28L	99		14	46		RK20-F-L2836L	1000		
	M30x2	20S	96	109	16	46	41	RK20-F-S2030	965	RK20-M-S2030	1410
	M36x2	25S	96	111	18	46	41	RK20-F-S2536	972	RK20-M-S2536	1412
	M36x2	25S	103		18	46		RK20-F-S2536L	1015		
	M42x2	30S	98	114	20	46	41	RK20-F-S3042	971	RK20-M-S3042	1450

Series RK25 BG5-ISO40





螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /Female Thread DIN 3852											
	G 1 1/4		125	147	22	55	55	RK25-F-114BSP	2654	RK25-M-114BSP	3215
	G 1 1/2		125	147	24	55	55	RK25-F-112BSP	2678	RK25-M-112BSP	3236
外螺纹 24° 锥形 DIN 3861 /Male stud with type W bore (24°) to DIN 3861											
	M45x2	35L	119	136	16	55	55	RK25-F-L3545	2791	RK25-M-L3545	3200
	M45x2	35L	126		16	55		RK25-F-L3545L	2850		
	M52x2	42L	119	130	16	55	55	RK25-F-L4252	2821	RK25-M-L4252	3200
	M52x2	42L	122		16	55		RK25-F-L4252L	2850		
	M42x2	30S	130	141	20	55	55	RK25-F-S3042	2850	RL25-M-S3042	3250
	M52x2	38S	125	136	22	55	55	RK25-F-S3852	2811	RK25-M-S3852	3250
	M52x2	38S	132		22	55		RK25-F-S3852L	2876		



技术参数：

- 阀系统：平面
- 锁紧方式 ：螺纹锁定
- 可选材质：碳钢,316 不锈钢，TC4 钛合金
- 表面处理：Zn-Ni
- 可选螺纹：BSP－NPT－SAE－METRICHE
- 标准密封件：NBR,PU
- 工作温度：-40 ° C to +100 ° C
- 可选密封件：FKM, EPDM or more
- 工作压力：420 bar
- 带压操作：允许带残压连接
- 最大带压操作压力：100bar

Technical data：

- Occlusion: flat face
- Locking: screw
- Material: steel, stainless steel316, Titanium Alloy TC4
- Finishing: Zn-Ni
- Threads: BSP – NPT – SAE – METRICHE
- Standard seals: NBR,PU
- Working temperature: -40 °C to +100 °C
- Optional seals: FKM, EPDM or more
- Working pressure: 420 bar
- Connection under pressure: possible(under low residual pressure)
- Max residual pressure: 100bar

特征：

阀芯的内部设计和使用的高强度材料有助于实现最小压降，提升系统效率。
平面式阀芯拆断和对接时泄露量少，减少液压回路的油液损失。
螺纹锁紧可避免钢珠锁定的机械磨损和布氏效应。
可适用高压和高脉冲频率的重载工况。

Features：

The internal design of the valve and the use of high-strength materials help to achieve a minimum pressure drop and improve system efficiency.
The flat valve leaks very little during disconnecting and connecting, reducing the losses of oil in the hydraulic circuit.
Threaded locking can prevent mechanical wear and Brinell effect caused by steel ball locking.
It can be used in high-pressure and high-pulse frequency heavy-duty conditions.

应用：

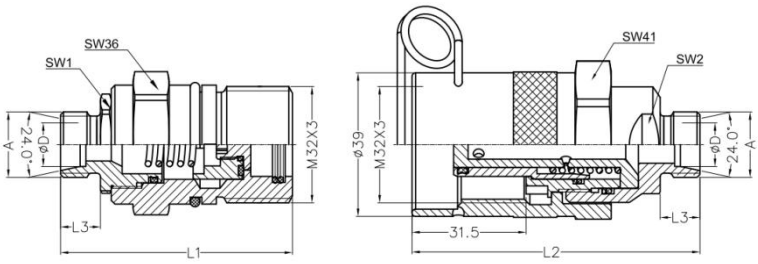
工业、工程机械、农业设备、液压工具、车辆、能源机械

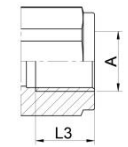
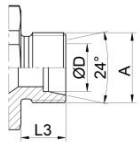
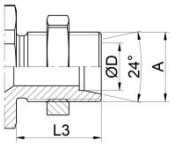
Applications：

Industrial, construction machinery, agricultural equipment, hydraulic tools, vehicles, energy machinery

标准尺寸 Nominal size		工作压力 Working pressure	额定流量 Rated flow （ISO）	建议最大流量 Max flow rate	爆破压力 Burst pressure			溢流量 Fluid spillage
					公头 Male	母头 Female	连接 Coupled	
RK/KL	ISO	Mpa	l/min	l/min	Mpa	Mpa	Mpa	cc
RK08/KL	10	42	23	46	160	160	160	0.02
RK12/KL	12.5	42	45	90	126	126	126	0.02
RK16/KL	19	42	106	212	126	126	126	0.06
RK20/KL	25	42	189	378	120	120	130	0.1
RK25A/KL	31.5	42	235	470	120	120	130	0.7
RK25/KL	40	42	288	576	120	120	130	1

Series RK08/KL BG1-ISO10



螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm) D	L1	L2	L3	SW1	SW2	Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
内螺纹 DIN 3852 /Female Thread DIN 3852											
	G 1/4		64	80	13	25	27	RK08-F-14BSP/KL	277	RK08-M-14BSP/KL	401
	G 3/8		64	80	13	25	27	RK08-F-38BSP/KL	270	RK08-M-38BSP/KL	410
外螺纹 24° 锥形 DIN 3861 /Male stud with type W bore (24°) to DIN 3861											
	M16x1.5	10L	64	80	11	25	27	RK08-F-L1016/KL	255	RK08-M-L1016/KL	382
	M18x1.5	12L	64	80	11	25	27	RK08-F-L1218/KL	262	RK08-M-L1218/KL	390
	M18x1.5	10S	65	80	12	25	27	RK08-F-S1018/KL	264	RK08-M-S1018/KL	287
	M20x1.5	12S	67	80	12	25	27	RK08-F-S1220/KL	269	RK08-M-S1220/KL	392
	M24x1.5	16S	67	82.5	14	25	27	RK08-F-S1624/KL	270	RK08-M-S1624/KL	399
外螺纹 24° 锥形 DIN 3861 (带隔板) /Male stud with type W bore (24°) to DIN 3861											
	M16x1.5	10L	82	95	26	25	27	RK08-F-N1016/KL	270	RK08-M-N1016/KL	381
	M16x1.5	10L	92	105	36	25	27	RK08-F-N1016L/KL	295	RK08-M-N1016L/KL	402

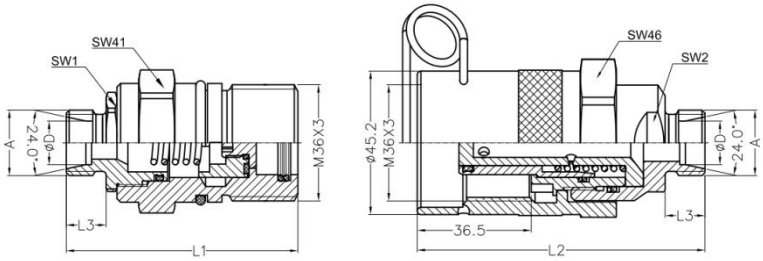
材质 316 不锈钢型号型号为 RKX/KL, 如 RKX08-F-14BSP/KL

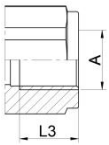
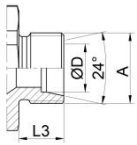
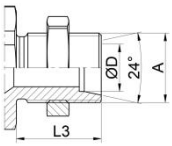
材质为 TC4 钛合金型号为 RKX/KL-TC4, 如 RKX08-F-14BSP/KL-TC4

The item of material stainless steel 316 is RKX/KL , such as: RKX08-F-14BSP/KL

The item of material titanium alloy TC4 is RKX/KL-TC4 , such as: RKX08-F-14BSP/KL-TC4

Series RK12/KL BG2-ISO12.5



螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm) D	L1	L2	L3	SW1	SW2	Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
内螺纹 DIN 3852 /Female Thread DIN 3852											
	G 1/2		74	96	16	32	36	RK12-F-12BSP/KL	391	RK12-M-12BSP/KL	706
外螺纹 24° 锥形 DIN 3861 /Male stud with type W bore (24°) to DIN 3861											
	M22x1.5	15L	72	92	12	32	36	RK12-F-L1522/KL	361	RK12-M-L1522/KL	653
	M26x1.5	18L	79	92	12	32	36	RK12-F-L1826L/KL	391	RK12-M-L1826/KL	680
	M24x1.5	16S	74	96	14	32	36	RK12-F-S1624/KL	385	RK12-M-S1624/KL	675
	M30x2	20S	76	96	16	32	36	RK12-F-S2030/KL	381	RK12-M-S2030/KL	692
外螺纹 24° 锥形 DIN 3861 (带隔板) /Male stud with type W bore (24°) to DIN 3861											
	M22x1.5	15L	100	117	37	32	36	RK12-F-N1522L/KL	421	RK12-M-N1522L/KL	662
	M24x1.5	16S	104	121	40	32	36	RK12-F-T1624/KL	543	RK12-M-T1624/KL	695
	M30x2	20S	108	125	44	32	36	RK12-F-T2030/KL	543	RK12-M-T2030/KL	702

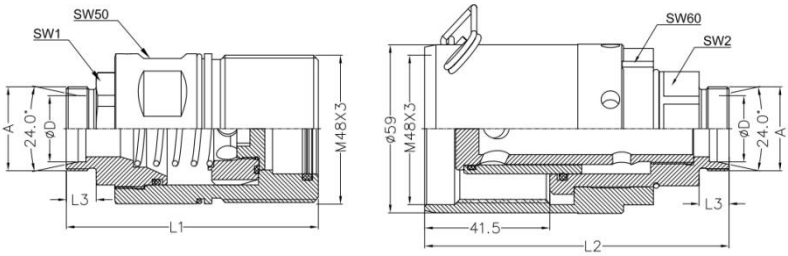
材质 316 不锈钢型号为 RKX/KL, 如 RKX12-F-12BSP/KL

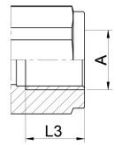
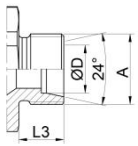
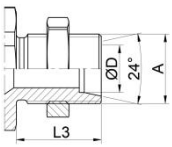
材质为 TC4 钛合金型号为 RKX/KL-TC4, 如 RKX12-F-12BSP/KL-TC4

The item of material stainless steel 316 is RKX/KL , such as: RKX12-F-12BSP/KL

The item of material titanium alloy TC4 is RKX/KL-TC4 , such as: RKX12-F-12BSP/KL-TC4

Series RK16/KL BG3-ISO19



螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm) D	L1	L2	L3	SW1	SW2	Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
内螺纹 DIN 3852 /Female Thread DIN 3852											
	G 3/4		94	106	18	41	36	RK16-F-34BSP/KL	799	RK16-M-34BSP/KL	1174
外螺纹 24° 锥形 DIN 3861 /Male stud with type W bore (24°) to DIN 3861											
	M22x1.5	15L	93.5	100.5	12	41	32	RK16-F-L1522/KL	752	RK16-M-L1522/KL	1120
	M26x1.5	18L	93.5	100.5	12	41	32	RK16-F-L1826/KL	773	RK16-M-L1826/KL	1143
	M30x2	22L	93.5	98.5	14	41	32	RK16-F-L2230/KL	785	RK16-M-L2230/KL	1152
	M24x1.5	16S	93.5	100.5	14	41	32	RK16-F-S1624/KL	780	RK16-M-S1624/KL	1147
	M30x2	20S	93.5	100.5	16	41	32	RK16-F-S2030/KL	798	RK16-M-S2030/KL	1164
外螺纹 24° 锥形 DIN 3861 (带隔板) /Male stud with type W bore (24°) to DIN 3861											
	M26x1.5	18L	115.5	122.5	34	41	32	RK16-F-N1826/KL	773	RK16-M-N1826/KL	1143
	M30x2	20S	124.5	128.5	44	41	32	RK16-F-T2030/KL	790	RK16-M-T2030/KL	1160

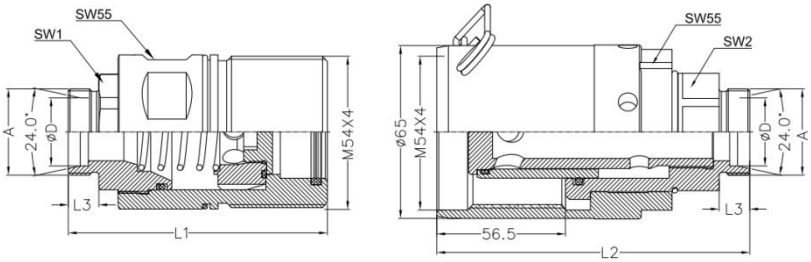
材质 316 不锈钢型号为 RKX/KL, 如 RKX16-F-34BSP/KL

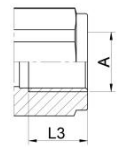
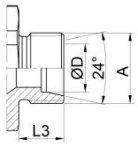
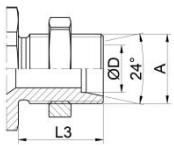
材质为 TC4 钛合金型号为 RKX/KL-TC4, 如 RKX16-F-34BSP/KL-TC4

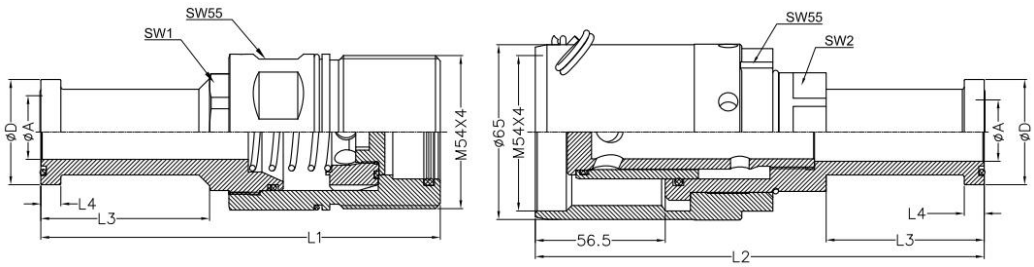
The item of material stainless steel 316 is RKX/KL , such as: RKX16-F-34BSP/KL

The item of material titanium alloy TC4 is RKX/KL-TC4 , such as: RKX16-F-34BSP/KL-TC4

Series RK20/KL BG4-ISO25

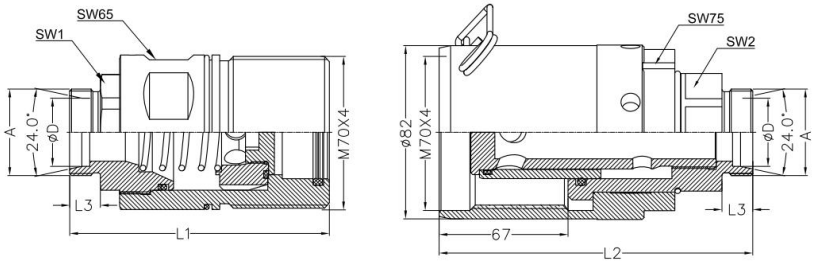


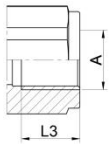
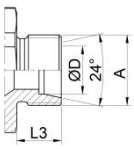
螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm) D	L1	L2	L3	SW1	SW2	Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
内螺纹 DIN 3852 /Female Thread DIN 3852											
	G 1		114	139	20	46	41	RK20-F-1BSP/KL	1153	RK20-M-1BSP/KL	1748
	G 114		117	159.5	24	50	50	RK20-F-114BSP/KL	1160	RK20-M-114BSP/KL	1917
外螺纹 24° 锥形 DIN 3861 /Male stud with type W bore (24°) to DIN 3861											
	M26x1.5	18L	106	131	12	46	41	RK20-F-L1826/KL	922	RK20-M-L1826/KL	1350
	M30x2	22L	108	133	14	46	41	RK20-F-L2230/KL	1135	RK20-M-L2230/KL	1703
	M36x2	28L	108	133	14	46	41	RK20-F-L2836/KL	1065	RK20-M-L2836/KL	1715
	M30x2	20S	112	135	16	46	41	RK20-F-S2030/KL	1153	RK20-M-S2030/KL	1720
	M36x2	25S	112	137	18	46	41	RK20-F-S2536/KL	1085	RK20-M-S2536/KL	1723
	M42x2	30S	114	139	20	46	41	RK20-F-S3042/KL	1155	RK20-M-S3042/KL	1726
外螺纹 24° 锥形 DIN 3861 (带隔板) /Male stud with type W bore (24°) to DIN 3861											
	M26x1.5	18L	128	153	34	46	41	RK20-F-N1826/KL	1150	RK20-M-N1826/KL	1715
	M30x2	22L	128	153	34	46	41	RK20-F-N2230/KL	1156	RK20-M-N2230/KL	1722
	M36x2	28L	130	153	34	46	41	RK20-F-N2836/KL	1163	RK20-M-N2836/KL	1735
	M30x2	20S	132	155	36	46	41	RK20-F-T2030/KL	1167	RK20-M-T2030/KL	1741
	M36x2	25S	132	157	38	46	41	RK20-F-T2536/KL	1173	RK20-M-T2536/KL	1750
	M42x2	30S	134	159	40	46	41	RK20-F-T3042/KL	1300	RK20-M-T3042/KL	1753



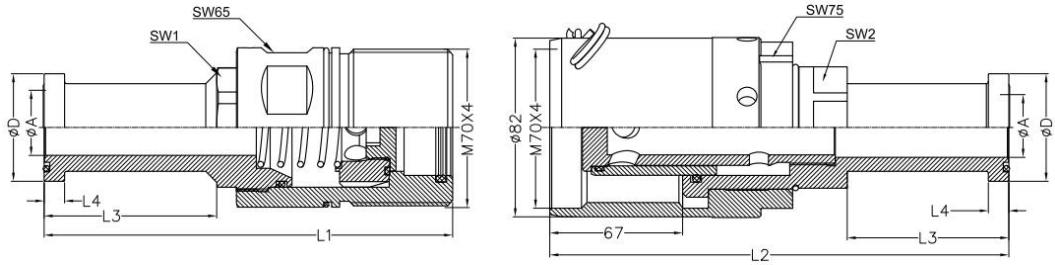
尺寸								母头	重量	公头	重量
Dimensions(mm)								Female Body	Weight	Male Tip	Weight
A	D	L1	L2	L3	L4	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
带 O 型圈的法兰接头（ISO 6162-1 /ISO 6162-2 与 SAE J518）											
25	44.45	152	187	55	8	46	41	RK20-F-DFL16/KL	1480	RK20-M-DFL16/KL	
25	47.65	176	226	79	9.5	46	46	RK20-F-DFS16/KL	1600	RK20-M-DFS16/KL	
28	54	186	236	88	10.3	46	46	RK20-F-DFS20/KL	1720	RK20-M-DFS20/KL	

Series RK25A/KL BG5-ISO31.5

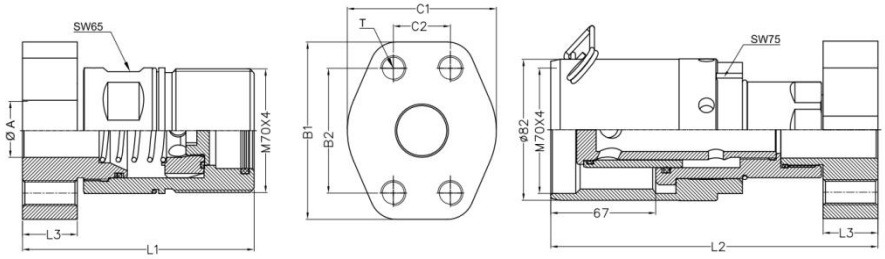


螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm) D	L1	L2	L3	SW1	SW2	Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
内螺纹 DIN 3852 /Female Thread DIN 3852											
	G 1 1/4		141	173	22	55	55	RK25A-F-114BSP/KL	2338	RK25A-M-114BSP/KL	3617
	G 1 1/2		141	173	24	55	55	RK25A-F-112BSP/KL	2350	RK25A-M-112BSP/KL	3550
外螺纹 24° 锥形 DIN 3861 /Male stud with type W bore (24°) to DIN 3861											
	M45x2	35L	135	157	16	55	55	RK25A-F-L3545/KL	2330	RK25A-M-L3545/KL	3583
	M42x2	30S	139	167	20	55	55	RK25A-F-S3042/KL	2315	RK25A-M-S3042/KL	3577
	M52x2	38S	141	163	22	55	55	RK25A-F-S3852/KL	2331	RK25A-M-S3852/KL	3603

Series RK25A/KL BG5-ISO31.5



尺寸								母头	重量	公头	重量
Dimensions(mm)								Female Body	Weight	Male Tip	Weight
A	D	L1	L2	L3	L4	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
带 O 型圈的法兰接头（ISO 6162-1 /ISO 6162-2 与 SAE J518）											
26	50.8	181	235	62	8	55	55	RK25A-F-DFL20/KL	2769	RK25A-M-DFL20/KL	
26	54	206	250	87	10.3	55	55	RK25A-F-DFS20/KL	2965	RK25A-M-DFS20/KL	
26	54	188	250	69	10.3	55		RK25A-F-DFS20A/KL			



尺寸								母头	重量	公头	重量
Dimensions(mm)								Female Body	Weight	Male Tip	Weight
L1	L2	L3	B1	B2	C1	C2	T	Part Numbers	(g)	Part Numbers	(g)
法兰接头（ISO 6162-2 与 SAE J518）											
132.5	195	21	79	58.7	73	30.2	M12	RK25A-F-FL114A/KL		RK25A-M-FL114A/KL	
137.5	200	26	95	66.7	77.7	31.8	M12	RK25A-F-FS114/KL		RK25A-M-FS114/KL	
137.5	200	26	95	66.7	77.7	31.8	M14	RK25A-F-FS114A/KL		RK25A-M-FS114A/KL	

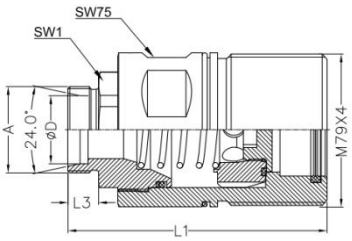
材质 316 不锈钢型号为 RKX/KL, 如 RKX25A-F-114BSP/KL

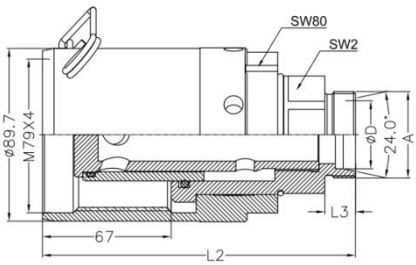
材质为 TC4 钛合金型号为 RKX/KL-TC4, 如 RKX25A-F-114BSP/KL-TC4

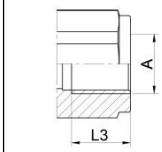
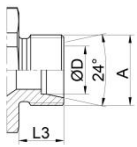
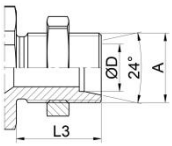
The item of material stainless steel 316 is RKX/KL , such as: RKX25A-F-114BSP/KL

The item of material titanium alloy TC4 is RKX/KL-TC4 , such as: RKX25A-F-114BSP/KL-TC4

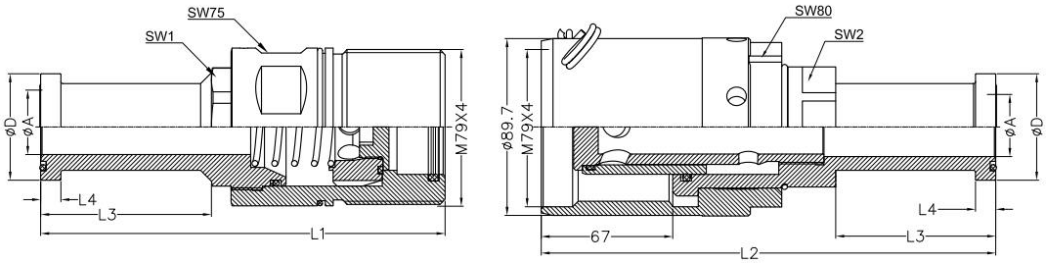
Series RK25/KL BG6-ISO40



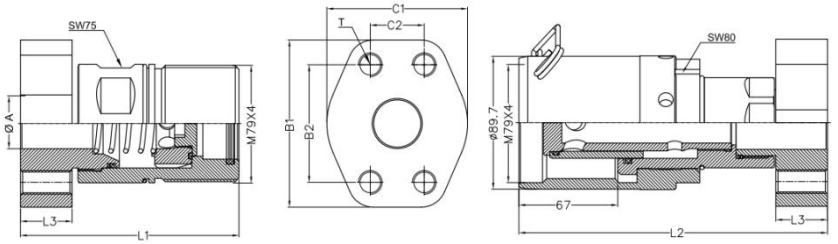


螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm) D	L1	L2	L3	SW1	SW2	Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
内螺纹 DIN 3852 /Female Thread DIN 3852											
	G 1 1/4		141	173	22	55	55	RK25-F-114BSP/KL	2778	RK25-M-114BSP/KL	3876
	G 1 1/2		141	173	24	55	55	RK25-F-112BSP/KL	2799	RK25-M-112BSP/KL	3892
外螺纹 24° 锥形 DIN 3861 /Male stud with type W bore (24°) to DIN 3861											
	M45x2	35L	135	163	16	55	55	RK25-F-L3545/KL	2770	RK25-M-L3545/KL	3342
	M52x2	42L	135	157	16	55	55	RK25-F-L4252/KL	2760	RK25-M-L4252/KL	3350
	M42x2	30S	146	168	20	55	55	RK25-F-S3042/KL	2750	RL25-M-S3042/KL	3364
	M52x2	38S	148	163	22	55	55	RK25-F-S3852/KL	2782	RK25-M-S3852/KL	3887
外螺纹 24° 锥形 DIN 3861 (带隔板) /Male stud with type W bore (24°) to DIN 3861											
	M45x2	35L	155	183	36	55	55	RK25-F-N3545/KL	2830	RK25-M-N3545/KL	3042
	M52x2	42L	155	177	36	55	55	RK25-F-N4252/KL	2760	RK25-M-N4252/KL	3350
	M52x2	38S	159	181	40	55	55	RK25-F-T3852/KL	2862	RK25-M-T3852/KL	3967

Series RK25/KL BG6-ISO40



尺寸								母头	重量	公头	重量
Dimensions(mm)								Female Body	Weight	Male Tip	Weight
A	D	L1	L2	L3	L4	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
带 O 型圈的法兰接头（ISO 6162-1 /ISO 6162-2 与 SAE J518）											
28	54	206	254	81.5	10.3	55	55	RK25-F-DFS20/KL	3415	RK25-M-DFS20/KL	
34	63.5	215	280	96	12.6	55	55	RK25-F-DFS24/KL	3550	RK25-M-DFS24/KL	
34	63.5	198		79	12.6	55	55	RK25-F-DFS24A/KL			
34	60.35	197	251	78	8	55	55	RK25-F-DFL24/KL	3375	RK25-M-DFL24/KL	



尺寸								母头	重量	公头	重量
Dimensions(mm)								Female Body	Weight	Male Tip	Weight
L1	L2	L3	B1	B2	C1	C2	T	Part Numbers	(g)	Part Numbers	(g)
法兰接头（ISO 6162-2 与 SAE J518）											
148	209	35	112.8	79.4	95.3	36.5	M16	RK25-F-FS112/KL		RK25-M-FS112/KL	

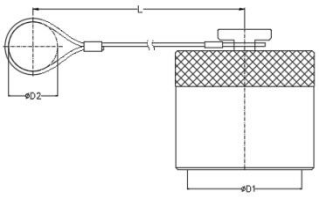
材质 316 不锈钢型号为 RKX/KL，如 RKX25-F-112BSP/KL

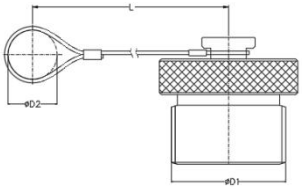
材质为 TC4 钛合金型号为 RKX/KL-TC4，如 RKX25-F-112BSP/KL-TC4

The item of material stainless steel 316 is RKX/KL , such as: RKX25-F-112BSP/KL

The item of material titanium alloy TC4 is RKX/KL-TC4 , such as: RKX25-F-112BSP/KL-TC4

铝帽塞 ALUMINIUM CAPS



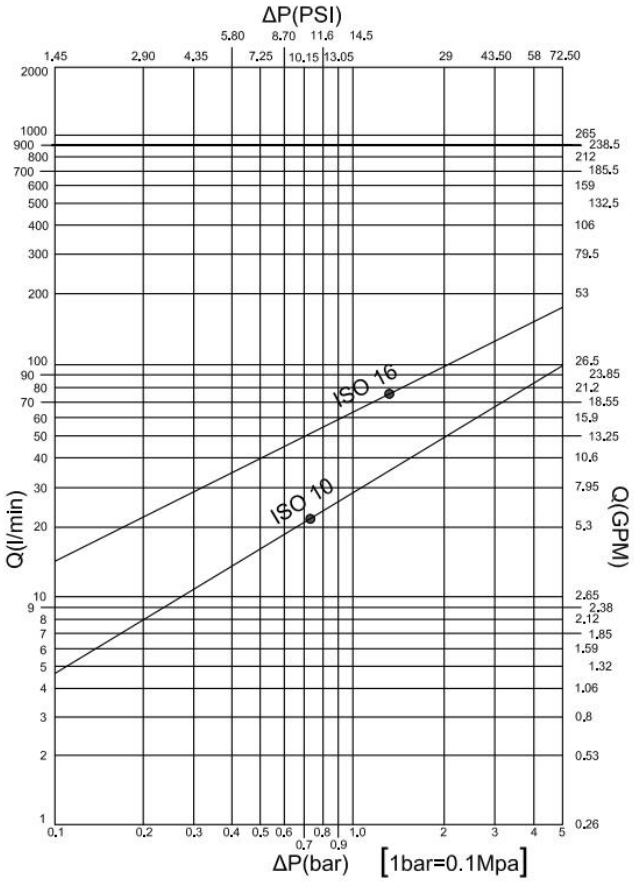


型号 Part Numbers	材质 Material	D1 (mm)	L (mm)	重量 g
RK08-0-SI001	铝制带链/Aluminium with chain	M32*3	250	37.3
RK12-0-SI001	铝制带链/Aluminium with chain	M36*3	250	49.6
RK16-0-SI001	铝制带链/Aluminium with chain	M48*3	300	95.8
RK20-0-SI001	铝制带链/Aluminium with chain	M54*4	300	113.2
RK25-0-SI001	铝制带链/Aluminium with chain	M79*4	300	292

型号 Part Numbers	材质 Material	D1 (mm)	L (mm)	重量 g
RK08-9-SI001	铝制带链/Aluminium with chain	M32*3	250	31.2
RK12-9-SI001	铝制带链/Aluminium with chain	M36*3	250	38.7
RK16-9-SI001	铝制带链/Aluminium with chain	M48*3	300	82.3
RK20-9-SI001	铝制带链/Aluminium with chain	M54*4	300	99.4
RK25-9-SI001	铝制带链/Aluminium with chain	M79*4	300	210.9

型号 Part Numbers	材质 Material	D1 (mm)	L (mm)	重量 g
RK08-0-SI001	铝制带链/Aluminium with chain	M32*3	250	37.3
RK12-0-SI001	铝制带链/Aluminium with chain	M36*3	250	49.6
RK16-0-SI001	铝制带链/Aluminium with chain	M48*3	300	95.8
RK25A/KL-0-SI001	铝制带链/Aluminium with chain	M70*4	300	233.3

型号 Part Numbers	材质 Material	D1 (mm)	L (mm)	重量 g
RK08/KL-9-SI001	铝制带链/Aluminium with chain	M32*3	250	32
RK12/KL-9-SI001	铝制带链/Aluminium with chain	M36*3	250	40.1
RK16/KL-9-SI001	铝制带链/Aluminium with chain	M48*3	300	102.4
RK25A/KL-9-SI001	铝制带链/Aluminium with chain	M70*4	300	183.4



技术参数：

- 阀系统：平面
- 锁紧方式：螺纹锁定
- 可选材质：碳钢,黄铜
- 表面处理：Zn-Ni
- 可选螺纹：BSP - NPT - UNF
- 标准密封件：HNBR
- 工作温度：-40 ° C to +150 ° C
- 可选密封件：PU, FKM, EPDM or more
- 工作压力：350 bar
- 带压操作：允许带残压操作
- 最大带压操作压力：30bar

Technical data：

- Occlusion: flat face
- Locking: screw
- Material: steel,brass
- Finishing: Zn-Ni
- Threads: BSP – NPT – UNF
- Standard seals: HNBR
- Working temperature: -40 °C to +150 °C
- Optional seals: PU, FKM, EPDM or more
- Working pressure: 350 bar
- Connection under pressure: allowed
- Max residual pressure: 30bar

特征：

阀芯的内部设计和使用的高强度材料有助于实现最小压降，提升系统效率。
平面式阀芯拆断和对接时泄露量少，减少液压回路的油液损失。
平面式阀芯易清洁，降低对液压回路的污染。
螺纹锁紧可避免钢珠锁定的机械磨损和布氏效应

Features：

The internal design of the valve and the use of high-strength materials help to achieve a minimum pressure drop and improve system efficiency.
The flat valve leaks very little during disconnecting and connecting, reducing the losses of oil in the hydraulic circuit.
The flat valve is easy to clean and reduces pollution to the hydraulic circuit.
Threaded locking can prevent mechanical wear and Brinell effect caused by steel ball locking.

应用：

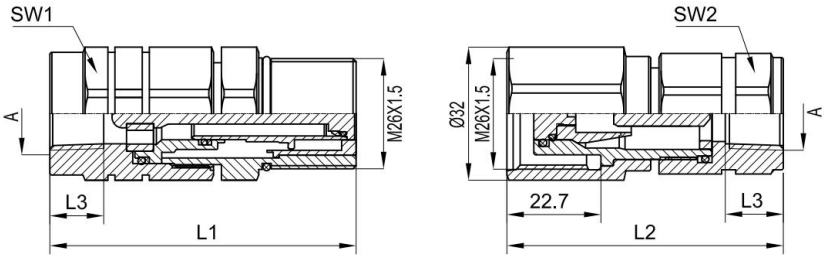
空调、工业设备

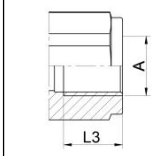
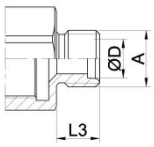
Applications：

Air conditioning, industrial

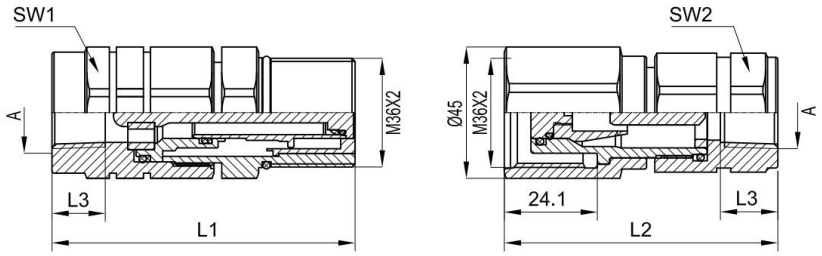
标准尺寸 Nominal size		工作压力 Working pressure	额定流量 Rated flow (ISO)	最大流量 Max flow rate	爆破压力 Burst pressure			溢流量 Fluid spillage
					公头 Male	母头 Female	连接 Coupled	
RF	ISO	Mpa	l/min	l/min	Mpa	Mpa	Mpa	cc
RF10	10	35	23	46	160	140	170	0.012
RF16	16	35	74	148	140	140	170	0.026

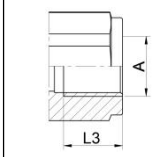
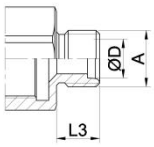
Series RF10 BG1-ISO10

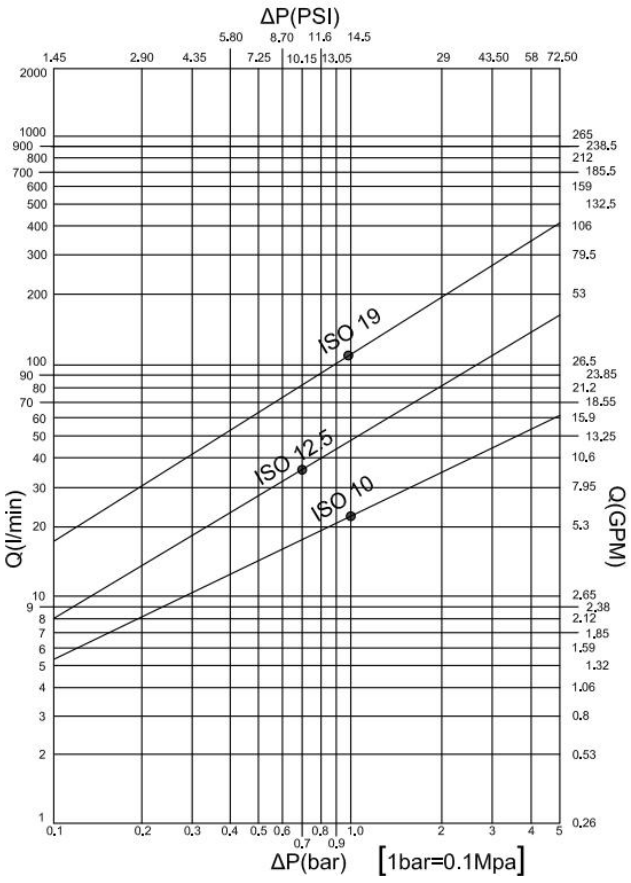


螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 1/4		74.4	66.7	13	30	27	RF10-F-14BSP	279	RF10-M-14BSP	219
	NPT 1/4		74.4	66.7	13	30	27	RF10-F-14NPT	279	RF10-M-14NPT	219
	G 3/8		74.4	66.7	13	30	27	RF10-F-38BSP	268	RF10-M-38BSP	211
	NPT 3/8		74.4	66.7	13	30	27	RF10-F-38NPT	268	RF10-M-38NPT	211
SAE J 1926-1 /Male stud with type SAE J 1926-1											
	UNF 5/8	10.8	77	64	12	30	27	RF10-F-5/8UNF	264	RF10-M-5/8UNF	234

Series RF16 BG2-ISO16



螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 3/4		83.8	81.7	18	36	36	RF16-F-34BSP	450	RF16-M-34BSP	400
	NPT 3/4		83.8	81.7	18	36	36	RF16-F-34NPT	450	RF16-M-34NPT	400
SAE J 1926-1 /Male stud with type SAE J 1926-1											
	UNF 7/8	16.7	85	81.5	18	36	36	RF16-F-7/8UNF	460	RF16-M-7/8UNF	385



技术参数：

- 标准：ISO 16028
- 阀系统：平面
- 锁紧方式 ：钢球锁定
- 可选材质：碳钢
- 表面处理 Zn-Fe(Cr III)/Zn-Ni
- 可选螺纹：BSP－NPT－SAE- METRICHE
- 标准密封件：NBR,PU
- 工作温度：-25 ° C to +100 ° C
- 可选密封件：FKM, EPDM or more
- 工作压力：350-400 bar
- 带压操作：可带压连接，分 2 步完成

Technical data：

- Standard: ISO 16028
- Occlusion: flat face
- Locking: radial balls
- Material: steel
- Finishing: Zn-Fe (Cr III) /Zn-Ni
- Threads: BSP – NPT – SAE – METRICHE
- Standard seals: NBR,PU
- Working temperature: -25 °C to+100 °C
- Optional seals: FKM, EPDM or more
- Working pressure: 350-400 bar
- Connection under pressure: Allowed,completed in 2 steps

特征：

阀芯的内部设计和使用的高强度材料有助于实现最小压降，提升系统效率。
平面式阀芯拆断和对接时泄露量少，减少液压回路的油液损失。
平面式阀芯易清洁，降低对液压回路的污染。
套筒锁防止意外断开。

Features：

The internal design of the valve and the use of high-strength materials help to achieve a minimum pressure drop and improve system efficiency.
The flat valve leaks very little during disconnecting and connecting, reducing the losses of oil in the hydraulic circuit.
The flat valve is easy to clean and reduces pollution to the hydraulic circuit.
Sleeve lock prevents accidental disconnection.

应用：

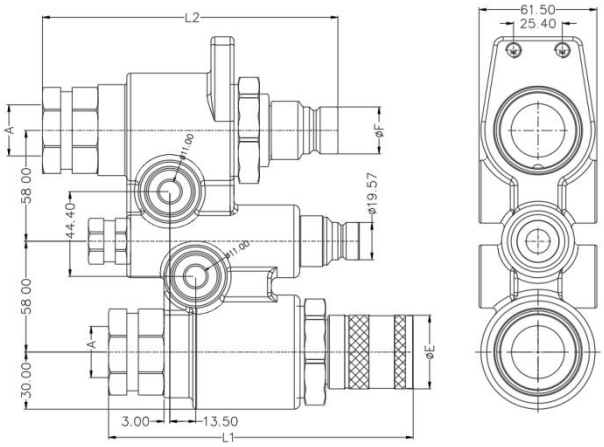
滑移装载机、挖掘机、移动工程设备

Applications：

Sliding loaders, excavators, mobile engineering equipment

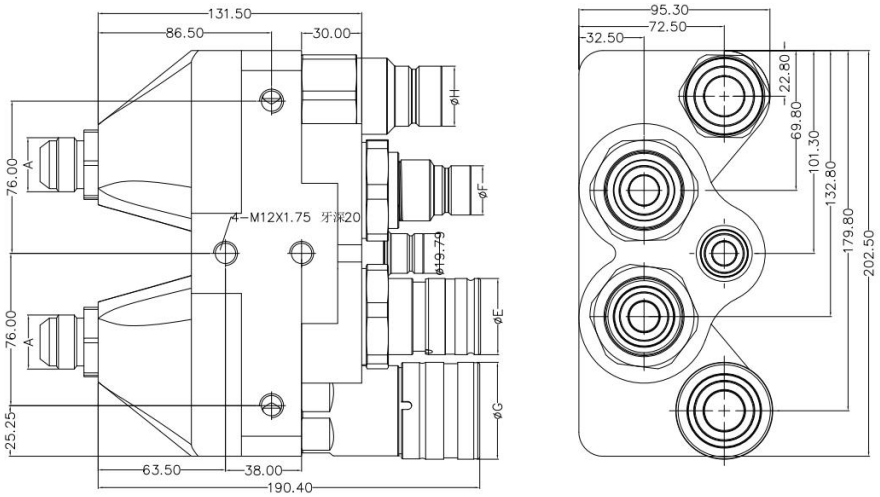
标准尺寸 Nominal size		工作压力 Working pressure	额定流量 Rated flow （ISO）	建议最大流量 Max flow rate	爆破压力 Burst pressure			溢流量 Fluid spillage
					公头 Male	母头 Female	连接 Coupled	
FH/SSL	ISO	Mpa	l/min	l/min	Mpa	Mpa	Mpa	cc
FH12/SSL	12.5	35	45	90	140	140	170	0.02
FH19/SSL	19	35	100	200	130	120	140	0.03

Series SSL

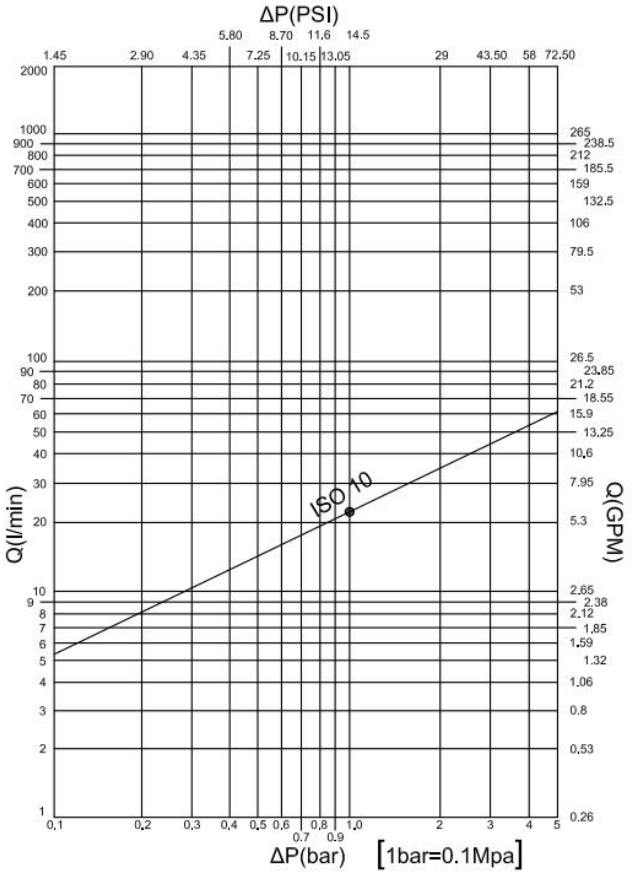


A 油口		尺寸								型号	重量
ISO	Port A	Dimensions(mm)								Part Numbers	Weight
		D	L1	L2	L3	L4	L5	E	F		(g)
12.5	G 1/2		159	155				38	24.58	SSL/FH12-FM-12BSP/FH10-M-38BSP	4750
	M22×1.5		159	155				38	24.58	SSL/FH12-FM-M22/FH10-M-M18	4750
	M22×1.5	15L	159	155				38	24.58	SSL/FH12-FM-L1522/FH10-M-L1218	4750
	M22×1.5	15L	159	155				38	24.58	SSL/FH12-FM-L1522/FH10-M-S0816	4758
	M24×1.5	16S	152	148				38	24.58	SSL/FH12-FM-S1624/FH10-M-L1218	4732
19	G 3/4		160	185				46.1	30	SSL/FH19-FM-34BSP/FH10-M-38BSP	5260

Series 5SSL



A 油口		尺寸								型号	重量
ISO	Port A	Dimensions(mm)								Part Numbers	Weight
		D	L1	L2	L3	E	F	G	H		(g)
1x10	内螺纹 9/16″-18 UNF									5SSL/FH12/19-FM-IMO27/FH10-M-IUJ10	9835
2x12.5	内螺纹 M27X1.5					38	24.58				
2x19	内螺纹 M27X1.5							48.1	30.00		
1x10	内螺纹 9/16″-18 UNF									5SSL/FH12/19-FM-AUJ20/FH10-M-IUJ10	10000
2x12.5	外螺纹 1-1/16″-12 UN					38	24.58				
2x19	外螺纹 1-1/16″-12 UN							48.1	30.00		



技术参数：

- 阀系统：平面
- 锁紧方式：外部连接
- 可选材质：碳钢
- 表面处理：Zn-Ni /QPQ
- 标准密封件：NBR,PU
- 工作温度：-25 ° C +100 ° C /-40 ° C +100 ° C
- 可选密封件：FKM, EPDM or more
- 工作压力：350bar
- 带压操作：允许
- 最大带压操作压力：350bar

Technical data：

- Occlusion: flat face
- Locking: external connection
- Material: steel
- Finishing: Zn-Ni /QPQ
- Standard seals: NBR ,PU
- Working temperature: -25 °C +100 °C /-40 ° C +100 ° C
- Optional seals: FKM, EPDM or more
- Working pressure: 350 bar
- Connection under pressure: allowed
- Max residual pressure: 350bar

特征：

阀芯的内部设计和使用的高强度材料有助于实现最小压降，提升系统效率。
平面式阀芯拆断和对接时泄露量少，减少液压回路的油液损失。
平面式阀芯易清洁，降低对液压回路的污染。

Features：

The internal design of the valve and the use of high-strength materials help to achieve a minimum pressure drop and improve system efficiency.
The flat valve leaks very little during disconnecting and connecting, reducing the losses of oil in the hydraulic circuit.
The flat valve is easy to clean and reduces pollution to the hydraulic circuit.

应用：

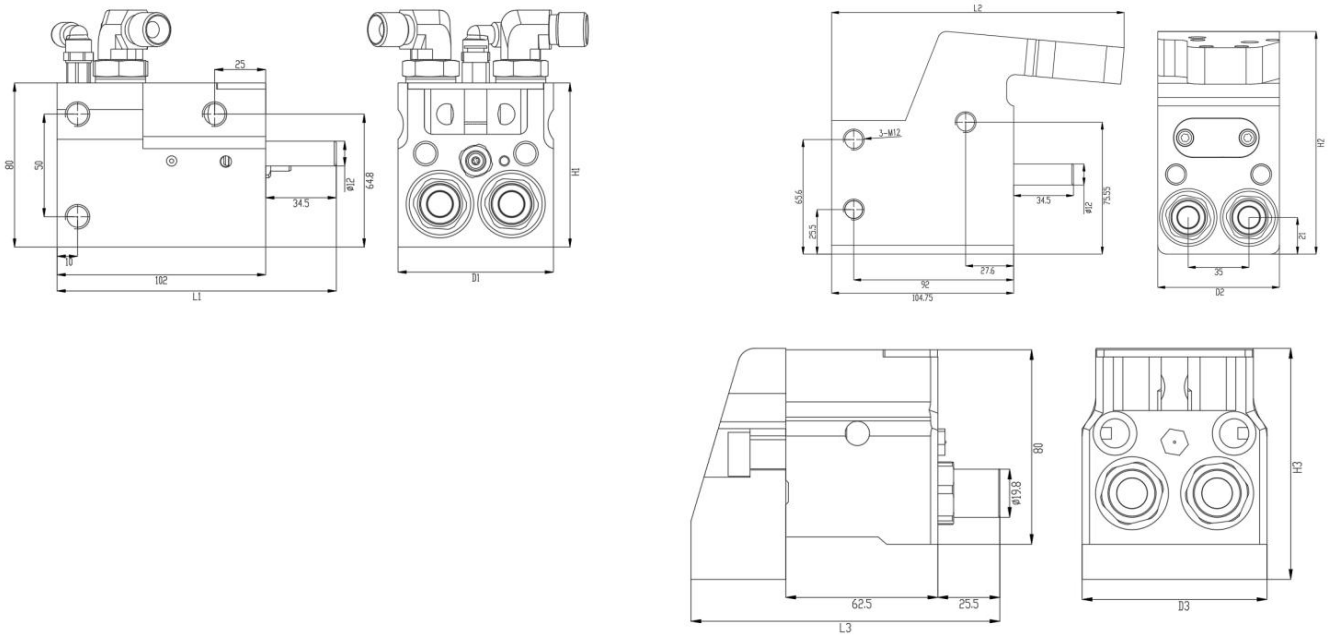
挖掘机、工程机械、农业设备

Applications：

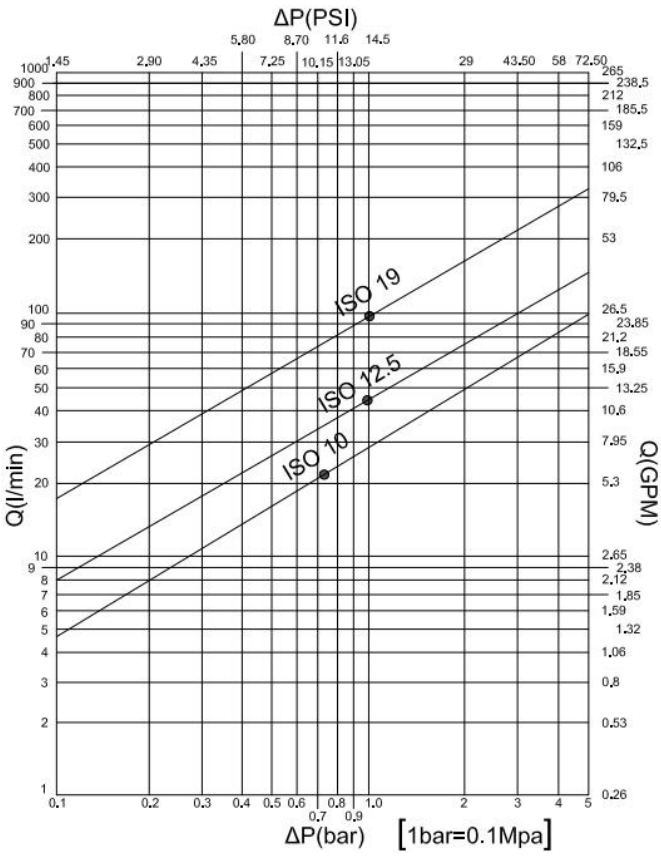
Excavators, construction machinery, agricultural equipment,

标准尺寸 Nominal size		工作压力 Working pressure	额定流量 Rated flow （ISO）	建议最大流量 Max flow rate	爆破压力 Burst pressure			溢流量 Fluid spillage
					公头 Male	母头 Female	连接 Coupled	
SQT	ISO	Mpa	l/min	l/min	Mpa	Mpa	Mpa	cc
SQT10	10	35	23	46	160	140	170	0.012

Series SQT10 BG1-ISO10



ISO	尺寸 Dimensions(mm)									母头 Female Body Part Numbers	重量 Weight (g)	公头 Male Tip Part Numbers	重量 Weight (g)
	D1	D2	D3	L1	L2	L3	H1	H2	H3				
10	76		76	136.5		127	80		95	SQT-F-1	4160	SQT-M-1	3410
		70			168.4			127.5		SQT-F-2	4875		



技术参数：

- 阀系统：平面
- 锁紧方式：外部连接
- 可选材质：碳钢
- 表面处理：Zn-Ni /QPQ
- 标准密封件：NBR,PU
- 工作温度：-25 ° C +100 ° C /-40 ° C +100 ° C
- 可选密封件：FKM, EPDM or more
- 工作压力：350bar
- 带压操作：不允许

Technical data：

- Occlusion: flat face
- Locking: external connection
- Material: steel
- Finishing: Zn-Ni /QPQ
- Standard seals: NBR ,PU
- Working temperature: -25 °C +100 °C /-40 ° C +100 ° C
- Optional seals: FKM, EPDM or more
- Working pressure: 350 bar
- Connection under pressure: not allowed

特征：

阀芯的内部设计和使用的高强度材料有助于实现最小压降，提升系统效率。
平面式阀芯拆断和对接时泄露量少，减少液压回路的油液损失。
平面式阀芯易清洁，降低对液压回路的污染。
一种用于挖掘机的自动快速连接器。

Features：

The internal design of the valve and the use of high-strength materials help to achieve a minimum pressure drop and improve system efficiency.
The flat valve leaks very little during disconnecting and connecting, reducing the losses of oil in the hydraulic circuit.
The flat valve is easy to clean and reduces pollution to the hydraulic circuit.
It is an automatic quick coupler system for excavators,

应用：

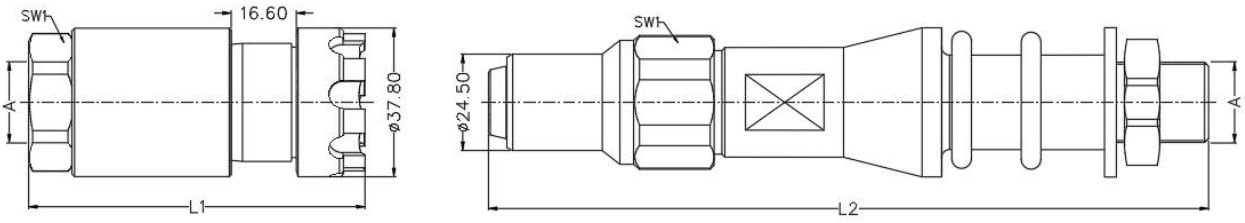
挖掘机、工程机械

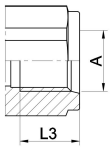
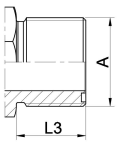
Applications：

Excavators, construction machinery

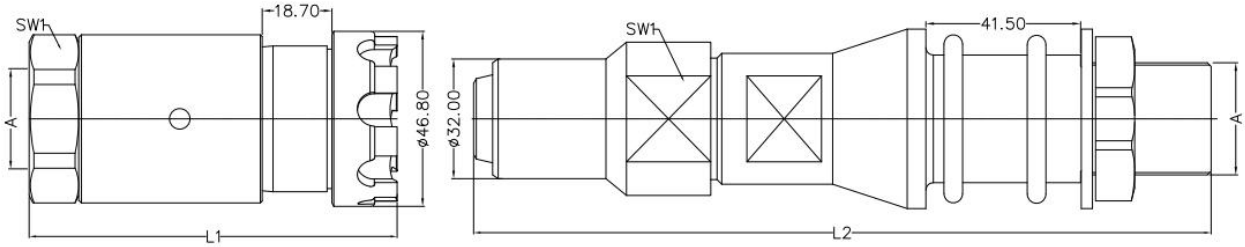
标准尺寸 Nominal size		工作压力 Working pressure	额定流量 Rated flow (ISO)	建议最大流量 Max flow rate	爆破压力 Burst pressure			溢流量 Fluid spillage
					公头 Male	母头 Female	连接 Coupled	
SOQ	ISO	Mpa	l/min	l/min	Mpa	Mpa	Mpa	cc
SOQ10	10	35	23	46	140	140	170	0.02
SOQ12	12.5	35	45	90	140	140	170	0.06
SOQ19	19	35	100	200	130	120	140	0.08

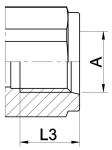
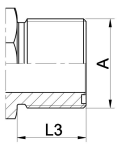
Series SOQ10 BG1-ISO10



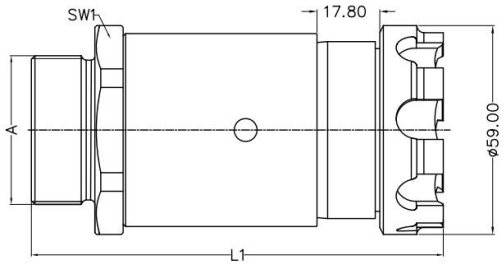
螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread								DIN 3852 /ANSI B1.20.1			
	M22x1.5		85.8		16	32		SOQ10-F-M22/0	417		
SAE J 1926-1 /Male stud with type SAE J 1926-1											
	UN 13/16-16	10.8		183.5	26.5		32			SOQ10-M-08AUF	677

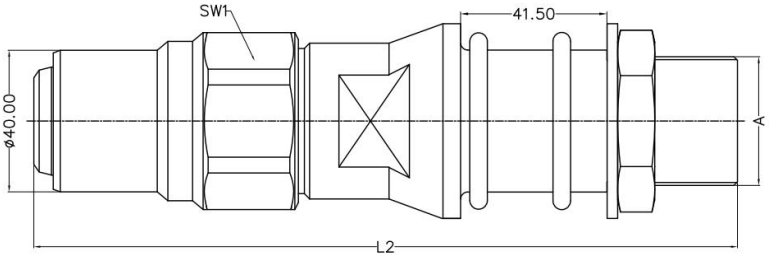
Series SOQ12 BG2-ISO12.5

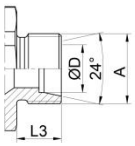
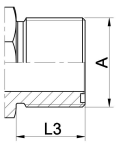


螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread								DIN 3852 /ANSI B1.20.1			
	M27x1.5		98.7		21	41		SOQ12-F-M27/0	694		
SAE J 1926-1 /Male stud with type SAE J 1926-1											
	UN 1 3/16-12			197.8	35		38			SOQ12-M-12AUF	1153

Series SOQ19 BG3-ISO19





螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
外螺纹 24° 锥形 DIN 3861 /Male stud with type W bore (24°) to DIN 3861											
	M42x2	30	116.8		18	52		SOQ19-F-S3042	1200		
SAE J 1926-1 /Male stud with type SAE J 1926-1											
	UN 1 7/16-12			199.5	37		46			SOQ19-M-16AUF	1650

技术参数：

- 阀系统：平面
- 锁紧方式：钢珠锁紧
- 可选材质：铝合金
- 表面处理：阳极氧化
- 标准密封件：NBR
- 工作温度：-25 ° C +100 ° C /-40 ° C +100 ° C
- 可选密封件：FKM or more
- 额定关闭压力:11PSI
- 测试流量:680L/min

Technical data:

- Occlusion: flat face
- Locking: radial balls
- Material: aluminum
- Finishing: anodizing
- Standard seals: NBR
- Working temperature: -25 °C +100 °C /-40 ° C +100 ° C
- Optional seals: FKM or more
- Rated shut-off pressure:11PSI
- Test flow:680L/min

特征：

阀芯的内部设计和使用的高强度材料有助于实现最小压降，提升系统效率。
平面式阀芯拆断和对接时泄露量少，减少液压回路的油液损失。
平面式阀芯易清洁，降低对液压回路的污染。
适配 ZZ9B 型快速加注喷嘴

Features:

The internal design of the valve and the use of high-strength materials help to achieve a minimum pressure drop and improve system efficiency.
The flat valve leaks very little during disconnecting and connecting, reducing the losses of oil in the hydraulic circuit.
The flat valve is easy to clean and reduces pollution to the hydraulic circuit.
Adaptation for the ZZ9B type rapid injection nozzle.

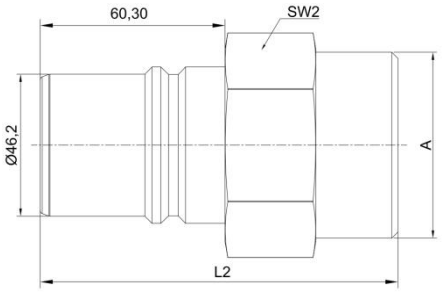
应用：

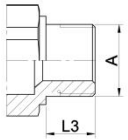
燃油传输系统，大型机械或航空航天领域的流体加注/传输管路

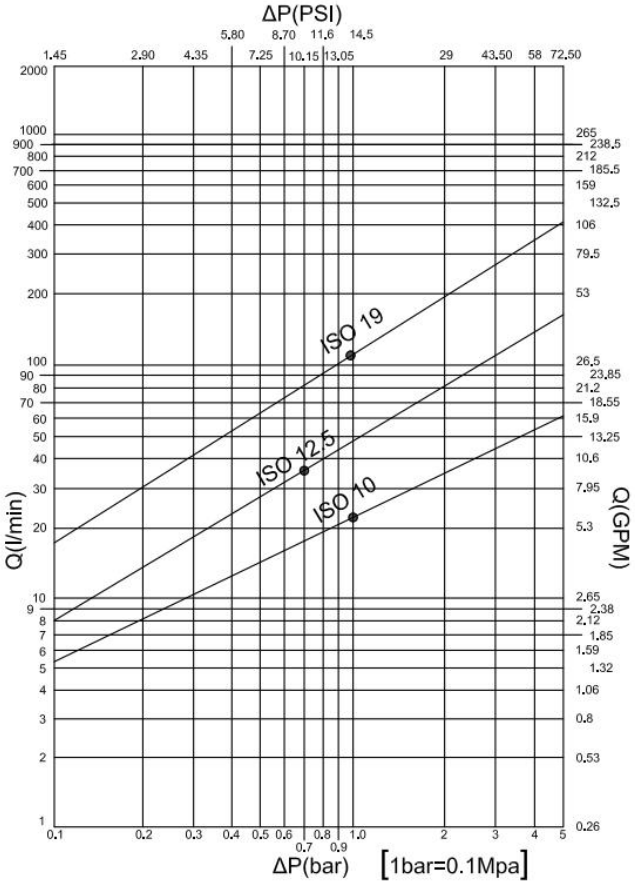
Applications:

Fuel transfer system, fluid injection/transmission pipelines in large machinery or aerospace fields.

Series FZN50 BG1-ISO50



螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
		D	L1	L2	L3	SW1	SW2				
外螺纹 ANSI B1.20.1 /Male Threads ANSI B1.20.1											
	NPT 2			116.7	26.8		63.4			FZN50-M-2ANF	437.5



技术参数：

- 阀系统：平面
- 锁紧方式 ：内部凸轮和锁销
- 可选材质：碳钢、铝合金
- 表面处理 Zn-Fe(Cr III)/Zn-Ni/ Anodizing
- 可选螺纹：BSP－NPT－SAE METRICHE
- 标准密封件：NBR,PU
- 工作温度：-25 ° C to +100 ° C
- 可选密封件：FKM, EPDM or more
- 工作压力：250-350 bar
- 带压操作：只允许带静态残压对接，不允许带残压拆断
- 最大带压操作压力：100bar

Technical data：

- Occlusion: flat face
- Locking: lever with safety devices
- Material: steel、aluminum alloy、
- Finishing: Zn-Fe (Cr III) / Zn-Ni / Anodizing
- Threads: BSP – NPT – SAE –METRICHE
- Standard seals: NBR,PU
- Working temperature: -25 ˚C to +100 ˚C
- Optional seals: FKM, EPDM or more
- Working pressure: 250-350 bar
- Connection under pressure:allowed to be connected with residual pressure,it"s not allowed to disconnect with residual pressure.
- Max residual pressure: 100bar

特征：

平面式阀芯拆断和对接时泄露量少，减少液压回路的油液损失。
平面式阀芯易清洁，降低对液压回路的污染。
机械锁死可避免钢珠锁定的机械磨损和布氏效应。
安全锁防止意外断开。
灵活，多样满足不同的客户需求。
防止对接错误的可能性。

Features：

The flat valve leaks very little during disconnecting and connecting, reducing the losses of oil in the hydraulic circuit.
The flat valve is easy to clean and reduces pollution to the hydraulic circuit.
Mechanical locking avoids mechanical wear and Brinell effect of ball locking.
Safety lock prevents accidental disconnection.
Flexible and versatile to meet different customer needs.
Prevent the possibility of docking errors.

应用：

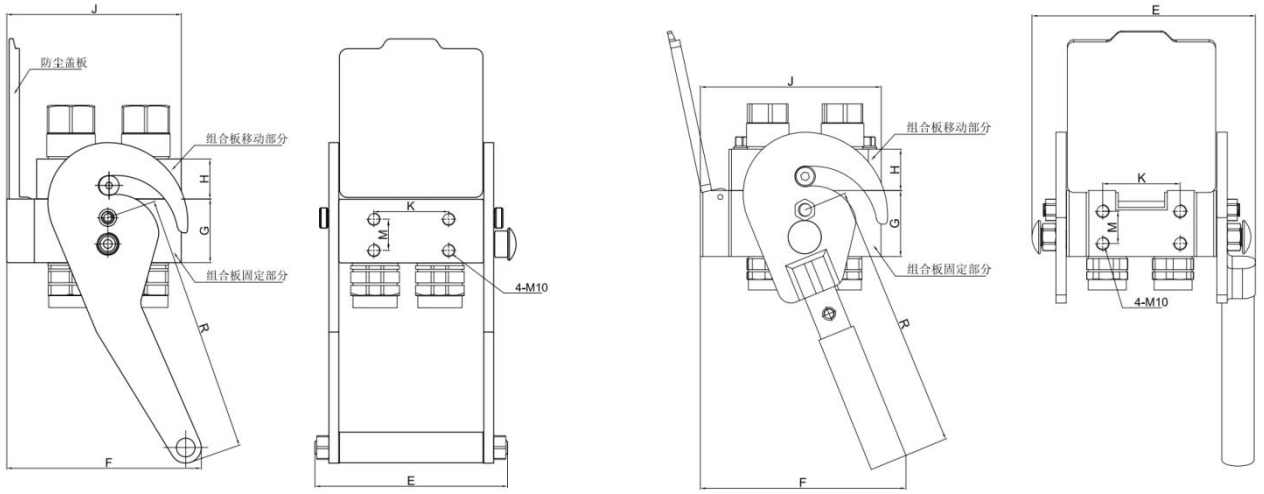
工业、工程机械、车辆、农业、能源机械、

Applications：

Industry, construction machinery, vehicles , agricultural, energy machinery

标准尺寸 Nominal size		工作压力 Working pressure	额定流量 Rated flow （ISO）	建议最大流量 Max flow rate	爆破压力 Burst pressure			溢流量 Fluid spillage
					公头 Male	母头 Female	连接 Coupled	
FH/PH	ISO	Mpa	l/min	l/min	Mpa	Mpa	Mpa	cc
FH10/PH	10	35	23	46	160	140	170	0.012
FH12/PH	12.5	35	45	90	140	140	170	0.02
FH19/PH	19	35	100	200	130	120	140	0.03

Series PH

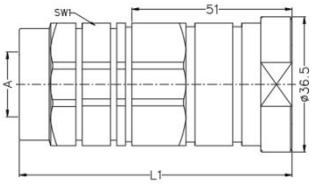


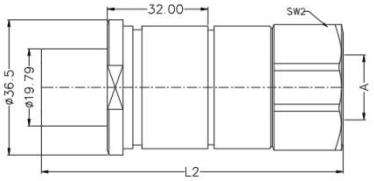
路数	规格	A 油口	尺寸								母头	重量	公头	重量
Housing	size	Port A	Dimensions(mm) D	E	F	G	H	R	J	K M	Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
2	2X19	G 1	154.4		160	51	32	205.4	140	60 25	PH2-FH19-1BSP-F	6360	PH2-FU19-1BSP-M	2996
3	3x10	G 3/8	164.4		160	51	32	205.4	140	60 25	PH3D-FH10-38BSP-F	4200	PH3D-FU10-38BSP-M	2150
4	4x10	G 3/8	154.4		156	51	32	206.9	140	60 25	PH4-FH10-38BSP-F	5200	PH4-FU10-38BSP-M	2600
	4x10	G 3/8	164.4		160	51	32	205.4	140	60 25	PH4D-FH10-38BSP-F	4550	PH4D-FU10-38BSP-M	2500
	4x12.5	G 1/2	154.4		156	51	32	206.9	140	60 25	PH4-FH12-12BSP-F	6000	PH4-FU12-12BSP-M	3400
	2x10	G 3/8	154		156	51	32	206.9	140	60 25	PH4-FH10-2-FH19-2-F	5400	PH4-FU10-2-FU19-2-M	2800
	2x19	G 3/4												
	2x12.5	G 1/2	154		156	51	32	206.9	140	60 25	PH4-FH12-2-FH19-2-F	6600	PH4-FU12-2-FU19-2-M	3800
	2x19	G 3/4												
5	5x10	G 3/8	154.4		156	51	32	206.9	140	60 25	PH5-FH10-38BSP-F	5550	PH5-FU10-38BSP-M	2950
	5x12.5	G 1/2	154.4		156	51	32	206.9	140	60 25	PH5-FH12-12BSP-F	6550	PH5-FU12-12BSP-M	3950
6	6x10	G 3/8	200.2		156	51	32	206.9	140	80 25	PH6-FH10-38BSP-F	7820	PH6-FU10-38BSP-M	3780
	6x12.5	G 1/2	200.2		156	51	32	206.9	140	80 25	PH6-FH12-12BSP-F	8610	PH6-FU12-12BSP-M	4800
	4x12.5	G 1/2	239		156	51	32	206.9	152	80 25	PH6-FH12-4-FH25-2-F	10870	PH6-FH12-4-FH25-2-M	6860
	2x25	G 1												
7	4x10	G 3/8	200.2		156	51	32	206.9	142	80 25	PH7-FH10-4-FH12-1-FH19-2-F	8500	PH7-FU10-4-FU12-1-FU19-2-M	5300
	1x12.5	G 1/2												
	2x19	G 3/4												
8	8x10	G 3/8	200.2		156	51	32	206.9	140	80 25	PH8-FH10-38BSP-F	8400	PH8-FU10-38BSP-M	4600
	8x12.5	G 1/2	254		156	51	32	206.9	140	80 25	PH8-FH12-12BSP-F	10000	PH8-U12-12BSP-M	6200
	2x10	G 3/8	254		156	51	32	206.9	140	100 25	PH8-FH10-2-FH12-4-FH19-2-F	10560	PH8-FU10-2-FU12-4-FU19-2-M	6340
	4x12	G 1/2												
	2x19	G 3/4												

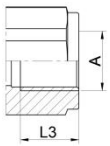
不带泄压的移动端组合板型号为 PH-FH-M，如 PH4-FH10-38BSP-M

The model of the movable end of multi-coupling without pressure relief is PH-FH-M, for example, PH4-FH10-38BSP-M

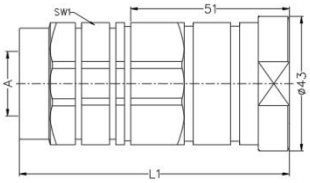
Series FH(U)10/PH BG1-ISO10

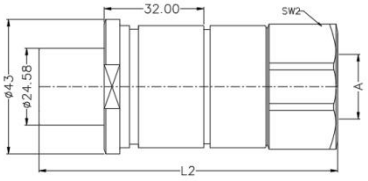


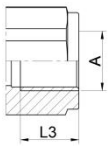


螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 1/4		76.9	86		30	30	FH10-F-14BSP/PH	360	FU10-M-14BSP/PH	364
	NPT 1/4		76.9	86		30	30	FH10-F-14NPT/PH	373	FU10-M-14NPT/PH	367
	G 3/8		76.9	86		30	30	FH10-F-38BSP/PH	350	FU10-M-38BSP/PH	352
	NPT 3/8		76.9	86		30	30	FH10-F-38NPT/PH	356	FU10-M-38NPT/PH	360
	G 1/2		76.9	86		30	30	FH10-F-12BSP/PH	346	FU10-M-12BSP/PH	350
	NPT 1/2		76.9	86		30	30	FH10-F-12NPT/PH	352	FU10-M-12NPT/PH	355

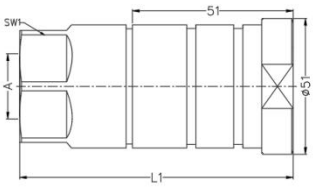
Series FH(U)12/PH BG2-ISO12.5

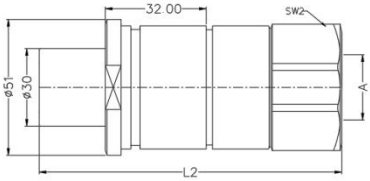


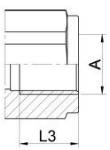


螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 1/2		86.8	96		36	36	FH12-F-12BSP/PH	550	FU12-M-12BSP/PH	552
	NPT 1/2		86.8	96		36	36	FH12-F-12NPT/PH	554	FU12-M-12NPT/PH	557
	34UNF-16		86.8	96		36	36	FH12-F-12SAE/PH	560	FU12-M-12SAE/PH	563

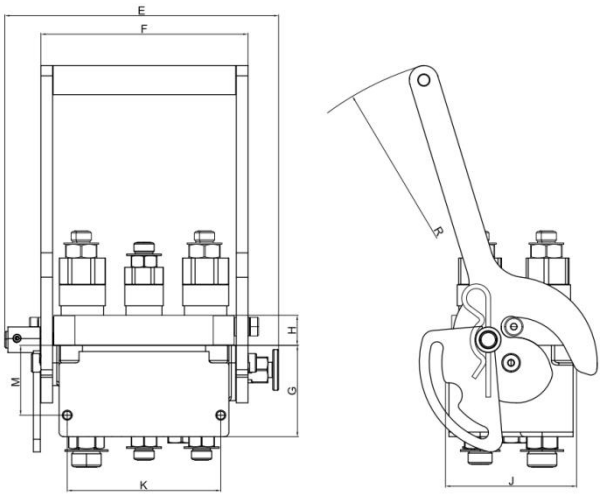
Series FH(U)19/PH BG3-ISO19





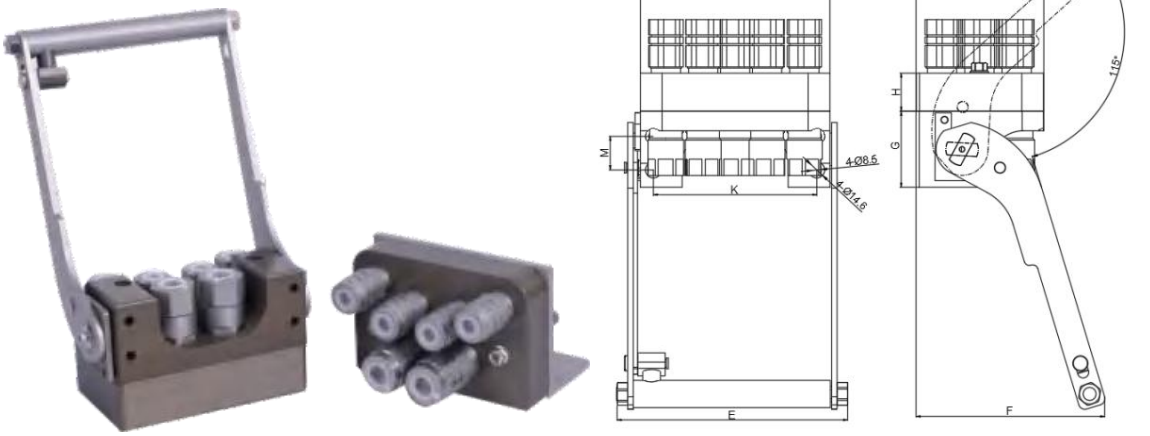
螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 3/4		103.8	115.5		41	41	FH19-F-34BSP/PH	1255	FU19-M-34BSP/PH	961
	NPT 3/4		103.8	115.5		41	41	FH19-F-34NPT/PH	1220	FU19-M-34NPT/PH	928
	G 1		103.8	115.5		41	41	FH19-F-1BSP/PH	1198	FU19-M-1BSP/PH	914
	NPT 1		103.8	115.5		41	41	FH19-F-1NPT/PH	1220	FU19-M-1NPT/PH	928

Series PL



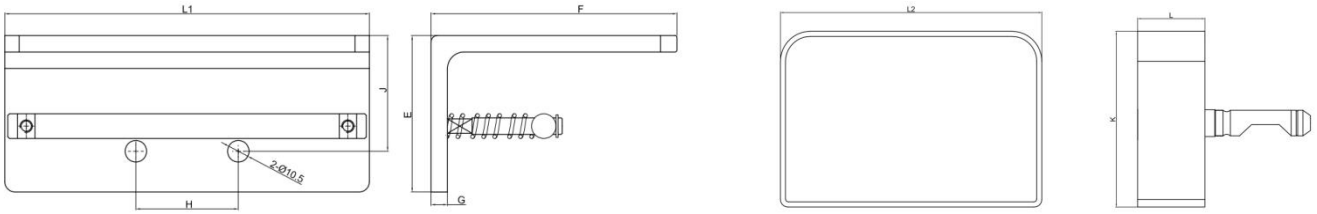
路数	规格	A 油口	尺寸									母头	重量	公头	重量
Housing	size	Port A	Dimensions(mm) D	E	F	G	H	R	J	K	M	Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
5	2x10	3/4-16 UNF		235	178	78.5	25.8	266.5	112.7	132	60	PL5-FU10-2-FU14-3-F		PL5-FU10-2-FU14-3-M	
	3x14	7/8-14 UNF													

Series PG



路数	规格	A 油口	尺寸									母头	重量	公头	重量
Housing	size	Port A	Dimensions(mm) D	E	F	G	H	N	J	K	M	Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
4	1x10	NPT 3/8		177	142	66	35	139	90	115	31	PG4-FH10-1-FH12-1-FH19-1-F	2940	PG4-FU10-1-FU12-1-FU19-1-M	4340
	1x12.5	NPT 1/2													
	1x19	NPT 1													
6	4x10	NPT 3/8		213	166	70	35	175	118	151	31	PG6-FH10-4-FH12-2-F	3400	PG6-FU10-4-FU12-2-M	5650
	2x12.5	NPT 1/2													
7	4x10	NPT 3/8		213	166	70	35	175	118	151	31	PG7-FH10-4-FH12-1-FH19-2-F	4550	PG7-FU10-4-FU12-1-FU19-2-M	6950
	1x12.5	NPT 1/2													
	2x19	NPT 1													
8	7x10	NPT 3/8		213	166	70	35	175	118	151	31	PG8-FH10-7-FH19-1-F	4710	PG8-FU10-7-FU19-1-M	7400
	1x19	NPT 1													
10	10x10	NPT 3/8		213	166	70	35	175	118	151	31	PG10-FH10-F	5700	PG10-FU10-M	7610

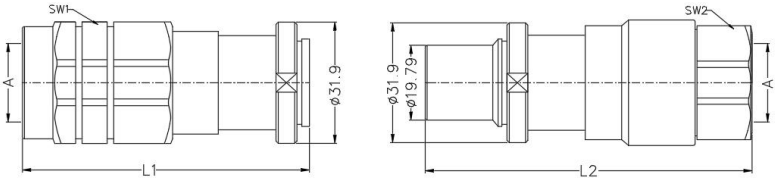
移动部分用支架 Brackets for moving parts
固定部分用保护帽 Protective caps for fixed parts

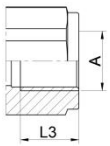


型号 Part Numbers	材质 Material	L1 (mm)	E (mm)	F (mm)	G (mm)	H (mm)	J (mm)
PG4-FH10-1-FH12-1-FH19-1-SPT	Q235	140	50	100	6	50	25
PG6-FH10-4-FH12-2-SPT	Q235	178	76	120	8	50	50.2
PG7-FH10-4-FH12-1-FH19-2-SPT	Q235	178	76	120	8	50	50.2
PG8-FH10-7-FH19-1-SPT	Q235	178	76	120	8	50	50.2
PG10-FH10-SPT	Q235	178	76	120	8	50	50.2

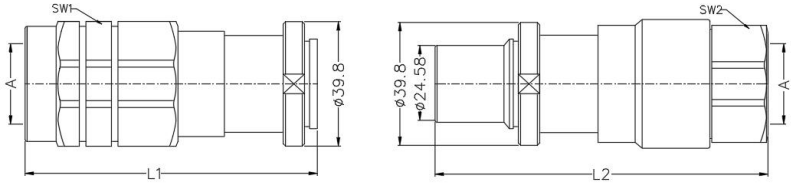
型号 Part Numbers	材质 Material	L2 (mm)	K (mm)	L (mm)
PG4-FU10-1-FU12-1-FU19-1-CPT	铝/Al	139	89.5	34.5
PG6-FU10-4-FU12-2-CPT	铝/Al	174.8	116.8	45
PG7-FU10-4-FU12-1-FU19-2-CPT	铝/Al	174.8	116.8	45
PG8-FU10-7-FU19-1-CPT	铝/Al	174.8	116.8	45
PG8-FU10-7-FU19-1-CPT	铝/Al	174.8	116.8	45

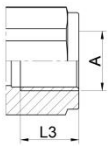
Series FH(U)10/PG BG1-ISO10



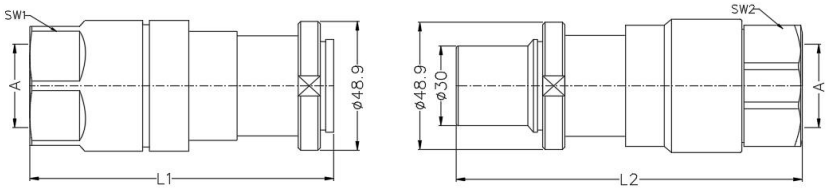
螺纹 THREADS	A 油口 Port A	尺寸 Dimensions(mm) D	L1	L2	L3	SW1	SW2	母头 Female Body Part Numbers	重量 Weight (g)	公头 Male Tip Part Numbers	重量 Weight (g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 1/4		75.5	86		30	30	FH10-F-14BSP/PG	360	FU10-M-14BSP/PG	364
	NPT 1/4		75.5	86		30	30	FH10-F-14NPT/PG	373	FU10-M-14NPT/PG	367
	G 3/8		75.5	86		30	30	FH10-F-38BSP/PG	350	FU10-M-38BSP/PG	352
	NPT 3/8		75.5	86		30	30	FH10-F-38NPT/PG	356	FU10-M-38NPT/PG	360
	G 1/2		75.5	86		30	30	FH10-F-12BSP/PG	346	FU10-M-12BSP/PG	350
	NPT 1/2		75.5	86		30	30	FH10-F-12NPT/PG	352	FU10-M-12NPT/PG	355

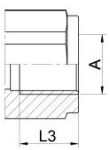
Series FH(U)12/PG BG2-ISO12.5



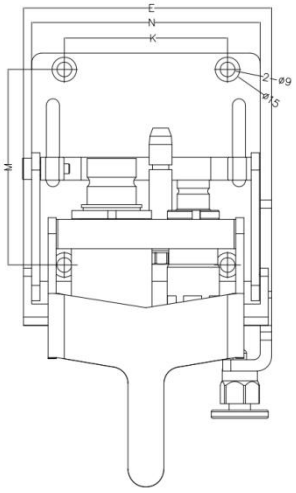
螺纹 THREADS	A 油口 Port A	尺寸 Dimensions(mm) D	L1	L2	L3	SW1	SW2	母头 Female Body Part Numbers	重量 Weight (g)	公头 Male Tip Part Numbers	重量 Weight (g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 1/2		86.8	96		36	36	FH12-F-12BSP/PG	550	FU12-M-12BSP/PG	552
	NPT 1/2		86.8	96		36	36	FH12-F-12NPT/PG	554	FU12-M-12NPT/PG	557
	34UNF-16		86.8	96		36	36	FH12-F-12SAE/PG	560	FU12-M-12SAE/PG	563

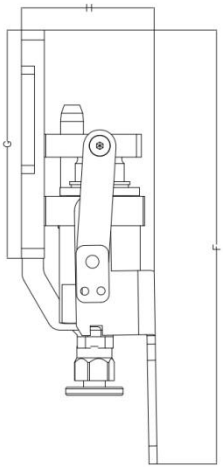
Series FH(U)19/PG BG3-ISO19



螺纹 THREADS	A 油口 Port A	尺寸 Dimensions(mm) D	L1	L2	L3	SW1	SW2	母头 Female Body Part Numbers	重量 Weight (g)	公头 Male Tip Part Numbers	重量 Weight (g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 3/4		103.8	115.5		41	41	FH19-F-34BSP/PG	1255	FU19-M-34BSP/PG	961
	NPT 3/4		103.8	115.5		41	41	FH19-F-34NPT/PG	1220	FU19-M-34NPT/PG	928
	G 1		103.8	115.5		41	41	FH19-F-1BSP/PG	1198	FU19-M-1BSP/PG	914
	NPT 1		103.8	115.5		41	41	FH19-F-1NPT/PG	1220	FU19-M-1NPT/PG	928

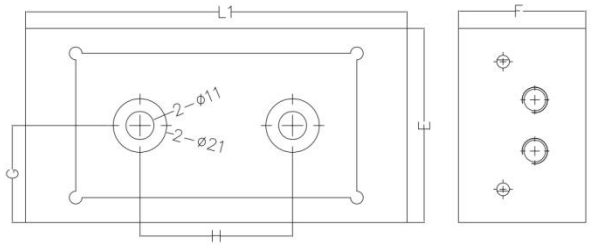
Series PT

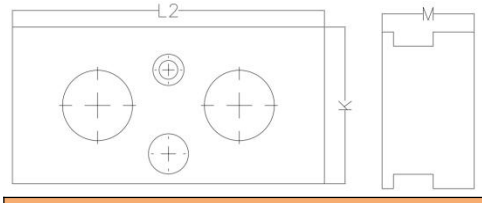




路数	规格	A 油口	尺寸									母头	重量	公头	重量
Housing	size	Port A	Dimensions(mm) D	E	F	G	H	N	J	K	M	Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
2	2x10	G 3/8		152	267	140	81.3	140		100	120	PT2-FH10-38BSP-F	1616	PT2-FU10-38BSP-M	4566
	2x12.5	G 1/2		152	267	140	81.3	140		100	120	PT2-FH12-12BSP-F	1886	PT2-FU12-12BSP-M	4930
	1x10	G 3/8		152	267	140	81.3	140		100	120	PT2-FH10-1-38BSP-FH19-1-34BSP-F	2300	PT2-FU10-1-38BSP-FU19-1-34BSP-M	5060
	1x19	G 3/4													
3	1x10	G 3/8		194	287	70	81.3	182		140	110	PT3-FH10-1-FH12-1-FH19-1-F	3207	PT3-FU10-1-FU12-1-FU19-1-M	6588
	1x12	G 1/2													
	1x19	G 1													

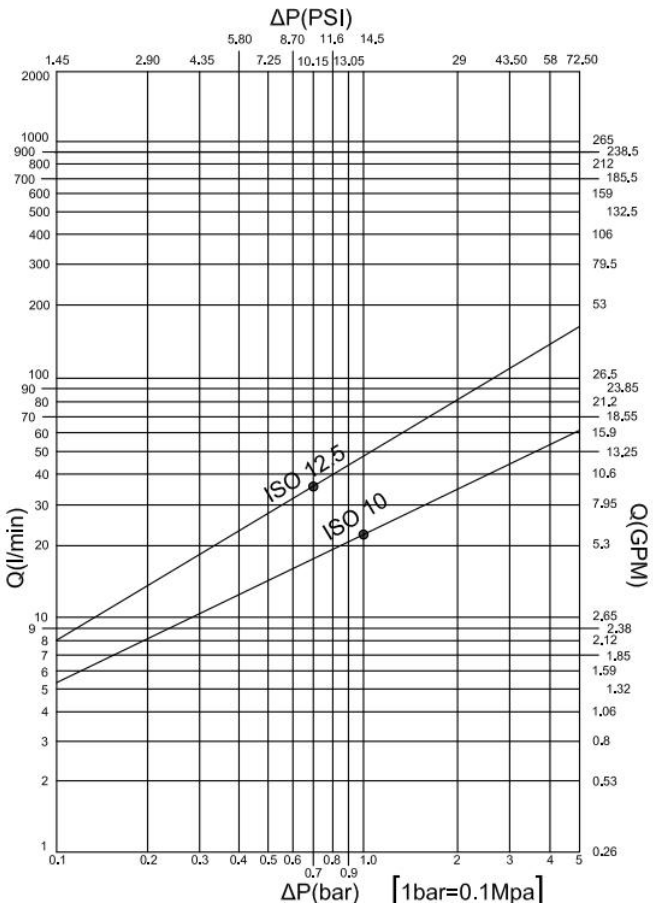
移动部分用支架 Brackets for moving parts
固定部分用保护帽 Protective caps for fixed parts





型号 Part Numbers	材质 Material	L1 (mm)	E (mm)	F (mm)	G (mm)	H (mm)	J (mm)
PT2-FH10-0-RT001	特氟龙	150	76	50	38	60	
PT2-FH12-0-RT001	特氟龙	150	76	50	38	60	
PT2-FH1019-0-RT001	特氟龙	150	76	58	38	60	
PT3-FH101219-0-RT001	特氟龙	194	76	58	38	80	

型号 Part Numbers	材质 Material	L2 (mm)	K (mm)	M (mm)
PT2-FU10-0-RT001	特氟龙	110	55	32.5
PT2-FU12-0-RT001	特氟龙	110	55	32.5
PT2-FU1019-0-RT001	特氟龙	110	55	32.5
PT3-FU101219-0-RT001	特氟龙	154	55	32.5



技术参数：

- 标准：ISO 16028
- 阀系统：平面
- 锁紧方式：机械连接
- 可选材质：碳钢、316 不锈钢
- 表面处理：Zn-Ni
- 可选螺纹：BSP－NPT－SAE－ METRICHE
- 标准密封件：NBR,PU
- 工作温度：-25 ° C to +100 ° C /-40 ° C to +100 ° C
- 可选密封件：FKM, EPDM or more
- 工作压力：350 bar
- 带压操作：允许带静态残压操作
- 最大带压操作压力：100bar

Technical data：

- Standard: ISO 16028
- Occlusion: flat face
- Locking: mechanical
- Material: steel, stainless steel AISI316
- Finishing: Zn-Ni
- Threads: BSP – NPT – SAE – METRICHE
- Standard seals: NBR ,PU
- Working temperature: -25 °C to +100 °C /-40 °C to +100 °C
- Optional seals: FKM, EPDM or more
- Working pressure: 350 bar
- Connection under pressure: allowed(both male and female)
- Max residual pressure: 100bar

特征：

阀芯的内部设计和使用的高强度材料有助于实现最小压降，提升系统效率。
平面式阀芯拆断和对接时泄露量少，减少液压回路的油液损失。
平面式阀芯易清洁，降低对液压回路的污染。
可带残压机械式连接。

Features：

The internal design of the valve and the use of high-strength materials help to achieve a minimum pressure drop and improve system efficiency.
The flat valve leaks very little during disconnecting and connecting, reducing the losses of oil in the hydraulic circuit.
The flat valve is easy to clean and reduces pollution to the hydraulic circuit.
Mechanical connection with residual pressure.

应用：

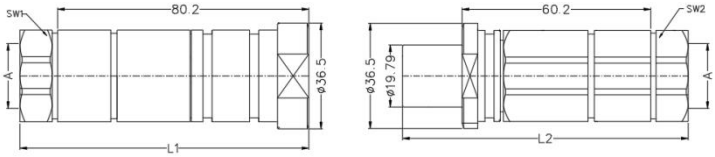
工业、工程机械、农业设备、液压工具、车辆、能源机械

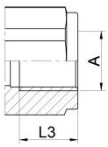
Applications：

Industrial, construction machinery, agricultural equipment, hydraulic tools, vehicles, energy machinery

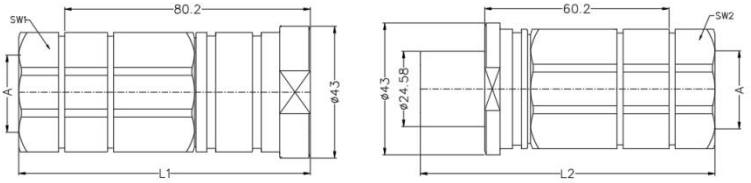
标准尺寸 Nominal size		工作压力 Working pressure	额定流量 Rated flow （ISO）	建议最大流量 Max flow rate	爆破压力 Burst pressure			溢流量 Fluid spillage
					公头 Male	母头 Female	连接 Coupled	
FH/PH	ISO	Mpa	l/min	l/min	Mpa	Mpa	Mpa	cc
FH10/MKL	10	35	23	46	160	140	170	0.012
FH12/MKL	12.5	35	45	90	140	140	170	0.02

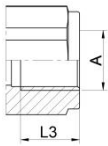
Series FH10/MKL BG1-ISO10

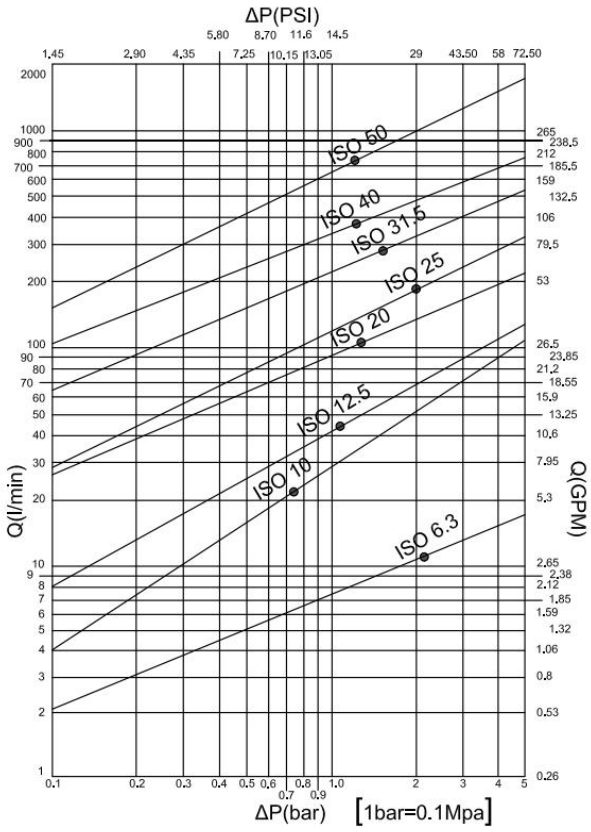


螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 3/8		92.2	91.2		27	27	FH10-F-38BSP/MKL	350	FH10-M-38BSP/MKL	352
	NPT 3/8		92.2	91.2		27	27	FH10-F-38NPT/MKL	356	FH10-M-38NPT/MKL	360
	G 1/2		92.2	91.2		27	27	FH10-F-12BSP/MKL	346	FH10-M-12BSP/MKL	350
	NPT 1/2		92.2	91.2		27	27	FH10-F-12NPT/MKL	352	FH10-M-12NPT/MKL	355

Series FH12/MKL BG2-ISO12.5



螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 1/2		95.2	96.2		36	36	FH12-F-12BSP/MKL	550	FH12-M-12BSP/MKL	552
	NPT 1/2		95.2	96.2		36	36	FH12-F-12NPT/MKL	554	FH12-M-12NPT/MKL	557



技术参数：

- 标准：ISO 7241-1 A
- 阀系统：锥阀
- 锁紧方式：钢球锁定
- 可选材质：碳钢、316 不锈钢 、黄铜
- 表面处理 Zn-Fe (Cr III)
- 可选螺纹：BSP－NPT－RC
- 标准密封件：NBR,PU
- 工作温度：-25 ° C to+100 ° C/-40 ° C to+100 ° C
- 可选密封件：FKM, EPDM or more
- 工作压力：160-350 bar
- 带压操作：不允许

Technical data：

- Standard: ISO 7241-1 A
- Occlusion: poppet
- Locking: radial balls
- Material: steel,stainless steel AISI316,brass
- Finishing: Zn-Fe (Cr III)
- Threads: BSP – NPT – RC
- Standard seals: NBR,PU
- Working temperature: -25 °C to+100 °C/ -40 °C to+100 °C
- Optional seals: FKM, EPDM or more
- Working pressure: 160-350 bar
- Connection under pressure: not allowed

特征：

阀芯的内部设计有助于实现最小压降，提升系统效率。
结构紧凑。
关键部分硬化处理，锁紧钢珠数量多以减少布氏效应。

Features：

The internal design of the valve help to achieve minimum pressure drop and improve system efficiency.
Compact structure.
The key part is hardened, and the number of steel balls is locked to reduce the Brinell effect.

应用：

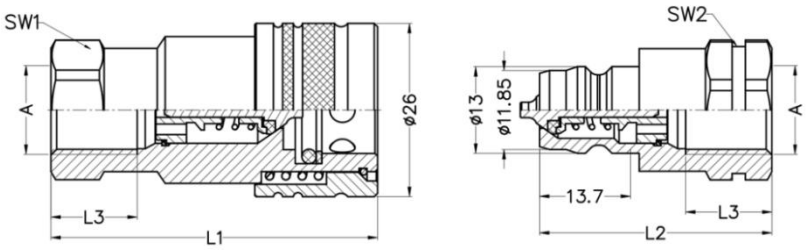
工业、农业

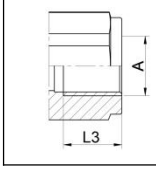
Applications：

Industrial,agricultural

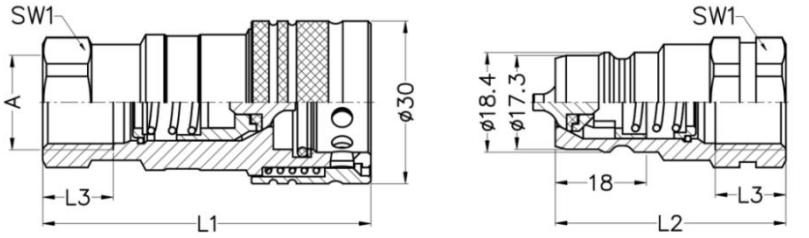
标准尺寸 Nominal size		工作压力 Working pressure	额定流量 Rated flow（ISO）	建议最大流量 Max flow rate	爆破压力 Burst pressure			溢流量 Fluid spillage
					公头 Male	母头 Female	连接 Coupled	
KA	ISO	Mpa	l/min	l/min	Mpa	Mpa	Mpa	cc
KA06	6.3	30	12	24	180	120	140	0.5
KA10	10	25	23	46	160	100	160	1.9
KA13	12.5	25	45	90	150	110	190	2.7
KA20	20	25	100	200	140	110	140	8
KA25	25	25	189	280	130	100	140	10
KA30	31.5	25	288	520	100	120	110	20
KA39	40	20	379	750	80	80	80	32
KA50	50	15	757	1000	60	60	60	85

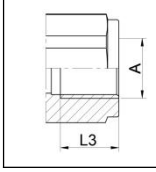
Series KA06 BG1-ISO6.3



螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G1/4		49.2	35	13	19	19	KA06-F-14BSP	106	KA06-M-14BSP	37
	NPT 1/4		49.2	35	13	19	19	KA06-F-14NPT	107	KA06-M-14NPT	38
	RC1/4		49.2	35	13	19	19	KA06-F-14RC	107	KA06-M-14RC	38

Series KA10 BG2-ISO10

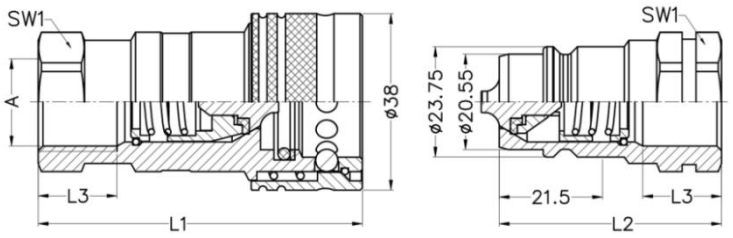


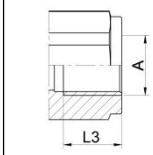
螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 3/8		60.5	42.5	13	22	22	KA10-F-38BSP	155	KA10-M-38BSP	59
	NPT 3/8		60.5	42.5	13	22	22	KA10-F-38NPT	156	KA10-M-38NPT	60
	RC 3/8		60.5	42.5	13	22	22	KA10-F-38RC	156	KA10-M-38RC	60
	M18x1.5		60.5	42.5	14	22	22	KA10-F-M18	156	KA10-M-M18	60

材质 316 不锈钢型号为 KAX, 如 KAX10-F-38BSP/KAX10-M-38BSP

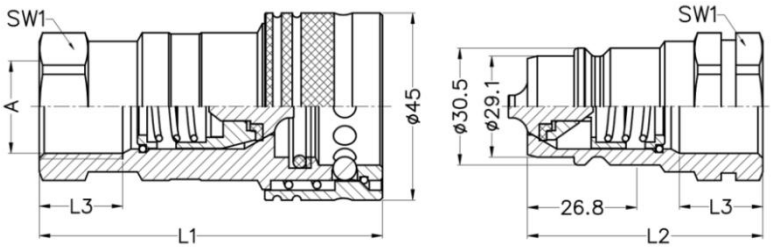
The item of material stainless steel 316 is KAX , such as: KAX10-F-38BSP/KAX10-M-38BSP

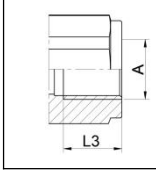
Series KA13 BG3-ISO12.5



螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
		D	L1	L2	L3	SW1	SW2				
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G1/2		70	48	16	27	27	KA13-F-12BSP	269	KA13-M-12BSP	98
	NPT 1/2		70	48	16	27	27	KA13-F-12NPT	269	KA13-M-12NPT	98
	RC1/2		70	48	16	27	27	KA13-F-12RC	269	KA13-M-12RC	98
	M22x1.5		70	48	16	27	27	KA13-F-M22/0	260	KA13-M-M22/0	90
	M22x1.5		70	48	16	27	27	KA13-F-M22	260	KA13-M-M22	90

Series KA20 BG4-ISO20

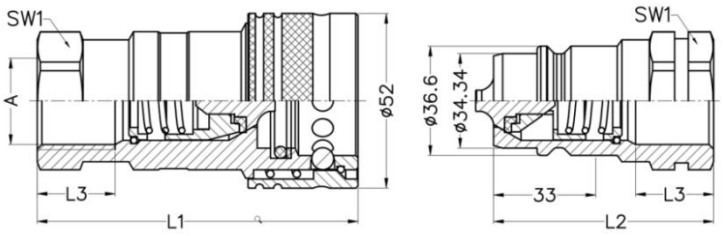


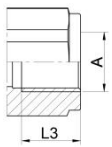
螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
		D	L1	L2	L3	SW1	SW2				
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 3/4		84	57	18	34	34	KA20-F-34BSP	428	KA20-M-34BSP	180
	NPT 3/4		84	57	18	34	34	KA20-F-34NPT	433	KA20-M-34NPT	186

材质 316 不锈钢型号为 KAX，如 KAX20-F-34BSP/KAX20-M-34BSP

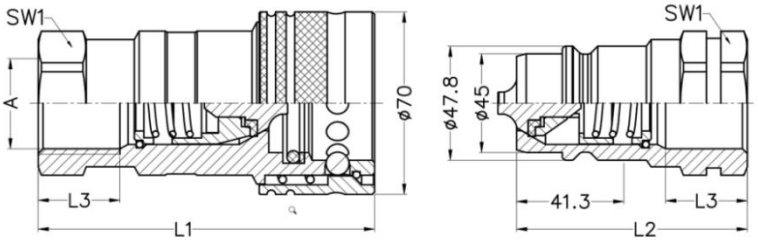
The item of material stainless steel 316 is KAX , such as: KAX20-F-34BSP/KAX20-M-34BSP

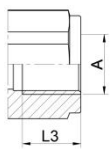
Series KA25 BG5-ISO25



螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 1		101	67.5	20	41	41	KA25-F-1BSP	700	KA25-M-1BSP	304
	NPT 1		101	67.5	20	41	41	KA25-F-1NPT	700	KA25-M-1NPT	313

Series KA30 BG6-ISO31.5

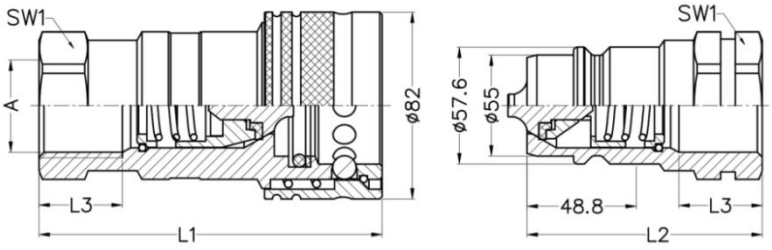


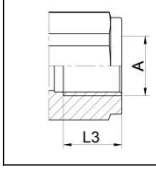
螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 1 1/4		117	75	22	50	50	KA30-F-114BSP	1515	KA30-M-114BSP	559
	NPT 1 1/4		117	75	22	50	50	KA30-F-114NPT	1532	KA30-M-114NPT	572

材质 316 不锈钢型号为 KAX, 如 KAX30-F-114BSP/KAX30-M-114BSP

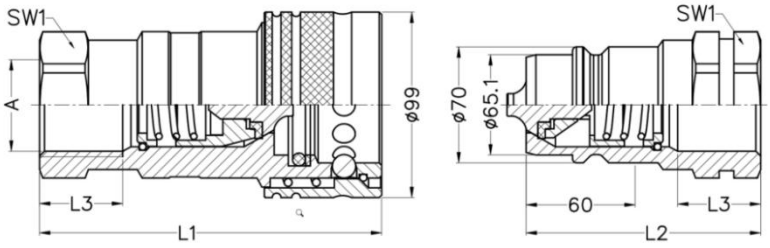
The item of material stainless steel 316 is KAX , such as: KAX30-F-114BSP/KAX30-M-114BSP

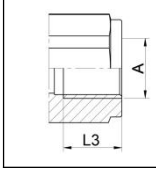
Series KA39 BG7-ISO40



螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 1 1/2		145	94	24	60	60	KA39-F-112BSP	2445	KA39-M-112BSP	918
	NPT 1 1/2		145	94	24	60	60	KA39-F-112NPT	2464	KA39-M-112NPT	938

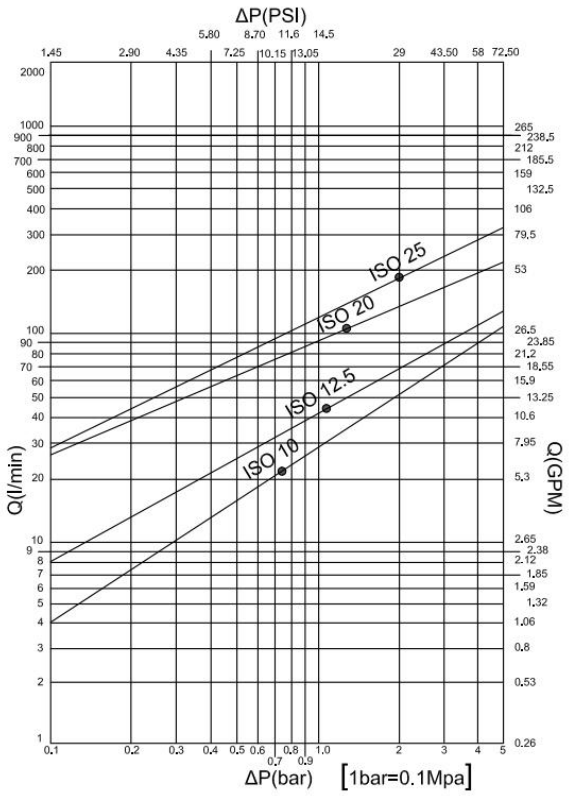
Series KA50 BG8-ISO50



螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 2		169	108	26	75	75	KA50-F-2BSP	5000	KA50-M-2BSP	1804
	NPT 2		169	108	24	75	75	KA50-F-2NPT	5010	KA50-M-2NPT	1820

材质 316 不锈钢型号为 KAX, 如 KAX50-F-2BSP/KAX50-M-2BSP

The item of material stainless steel 316 is KAX , such as: KAX50-F-2BSP/KAX50-M-2BSP



技术参数：

- 标准：ISO 7241-1 A
- 阀系统：锥阀
- 锁紧方式：钢球锁定
- 可选材质：碳钢、316 不锈钢 、黄铜
- 表面处理 Zn-Fe (Cr III)
- 可选螺纹：BSP－NPT－RC
- 标准密封件：NBR,PU
- 工作温度：-25 ° C to +100 ° C/-40 ° C to +100 ° C
- 可选密封件：FKM, EPDM or more
- 工作压力：160-350 bar
- 带压操作：不允许

Technical data：

- Standard: ISO 7241-1 A
- Occlusion: poppet
- Locking: radial balls
- Material: steel,stainless steel AISI316,brass
- Finishing: Zn-Fe (Cr III)
- Threads: BSP – NPT – RC
- Standard seals: NBR,PU
- Working temperature: -25 °C to+100 °C/ -40 °C to+100 °C
- Optional seals: FKM, EPDM or more
- Working pressure: 160-350 bar
- Connection under pressure: not allowed

特征：

阀芯的内部设计有助于实现最小压降，提升系统效率。
结构紧凑。
关键部分硬化处理，锁紧钢珠数量多以减少布氏效应。

Features：

The internal design of the valve help to achieve minimum pressure drop and improve system efficiency.
Compact structure.
The key part is hardened, and the number of steel balls is locked to reduce the Brinell effect.

应用：

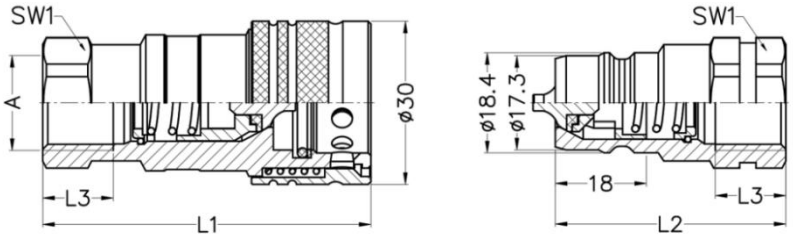
工业，特种车辆

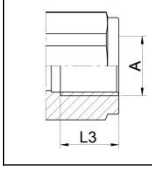
Applications：

Industrial,vehicle

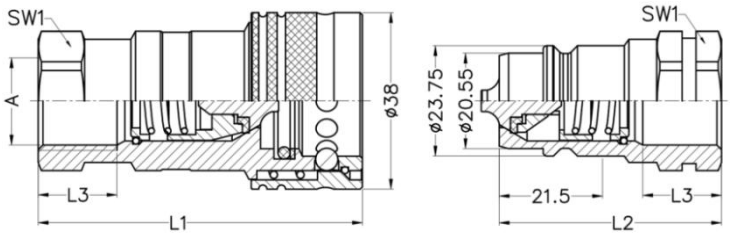
标准尺寸 Nominal size		工作压力 Working pressure	额定流量 Rated flow （ISO）	建议最大流量 Max flow rate	爆破压力 Burst pressure			溢流量 Fluid spillage
					公头 Male	母头 Female	连接 Coupled	
KA/H	ISO	Mpa	l/min	l/min	Mpa	Mpa	Mpa	cc
KA10/H	10	30	23	46	160	100	160	1.9
KA13/H	12.5	30	45	90	150	110	190	2.7
KA20/H	20	30	100	200	140	110	140	8
KA25/H	25	25	189	280	130	100	140	10

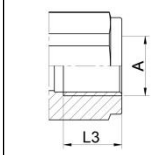
Series KA10/H BG1-ISO10



螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 3/8		60.5	42.5	13	22	22	KA10-F-38BSP/H	155	KA10-M-38BSP/H	59
	NPT 3/8		60.5	42.5	13	22	22	KA10-F-38NPT/H	156	KA10-M-38NPT/H	60
	RC 3/8		60.5	42.5	13	22	22	KA10-F-38RC/H	156	KA10-M-38RC/H	60
	M18x1.5		60.5	42.5	14	22	22	KA10-F-M18/H	156	KA10-M-M18/H	60

Series KA13/H BG2-ISO12.5

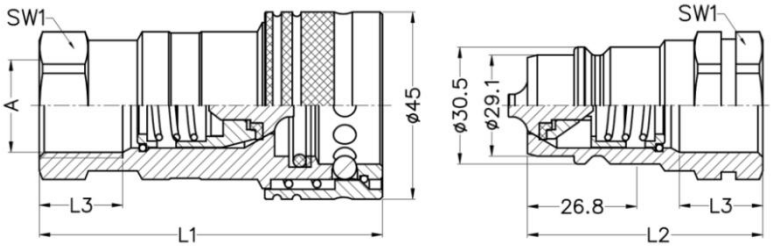


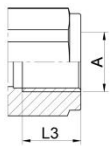
螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G1/2		70	48	16	27	27	KA13-F-12BSP/H	269	KA13-M-12BSP/H	98
	NPT 1/2		70	48	16	27	27	KA13-F-12NPT/H	269	KA13-M-12NPT/H	98
	RC1/2		70	48	16	27	27	KA13-F-12RC/H	269	KA13-M-12RC/H	98
	M22x1.5		70	48	16	27	27	KA13-F-M22/O/H	260	KA13-M-M22/O/H	90
	M22x1.5		70	48	16	27	27	KA13-F-M22/H	260	KA13-M-M22/H	90

材质 316 不锈钢型号为 KAX，如 KAX10-F-38BSP/KAX10-M-38BSP/H

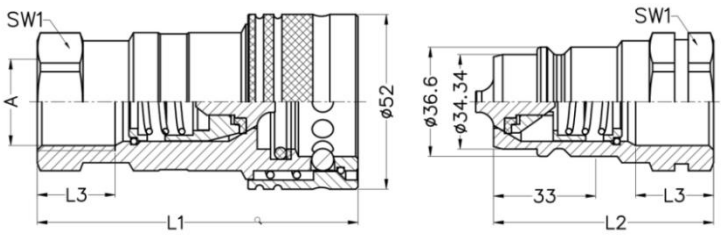
The item of material stainless steel 316 is KAX , such as: KAX10-F-38BSP/KAX10-M-38BSP/H

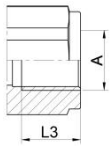
Series KA20/H BG3-ISO20



螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 3/4		84	57	18	34	34	KA20-F-34BSP/H	428	KA20-M-34BSP/H	180
	NPT 3/4		84	57	18	34	34	KA20-F-34NPT/H	433	KA20-M-34NPT/H	186

Series KA25/H BG4-ISO25

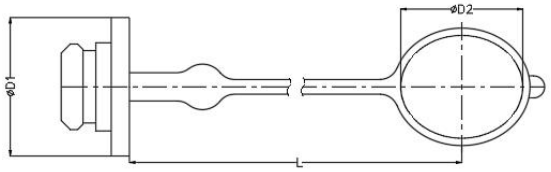


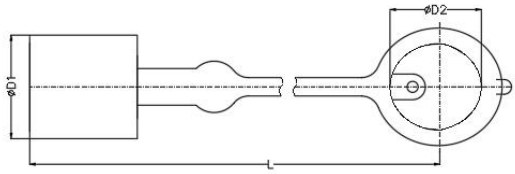
螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 1		101	67.5	20	41	41	KA25-F-1BSP/H	700	KA25-M-1BSP/H	304
	NPT 1		101	67.5	20	41	41	KA25-F-1NPT/H	700	KA25-M-1NPT/H	313

材质 316 不锈钢型号为 KAX, 如 KAX20-F-34BSP/KAX20-M-34BSP/H

The item of material stainless steel 316 is KAX , such as: KAX20-F-34BSP/KAX20-M-34BSP/H

塑料帽塞 PLASTIC CAPS



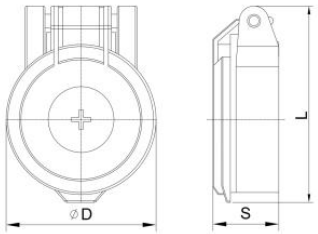


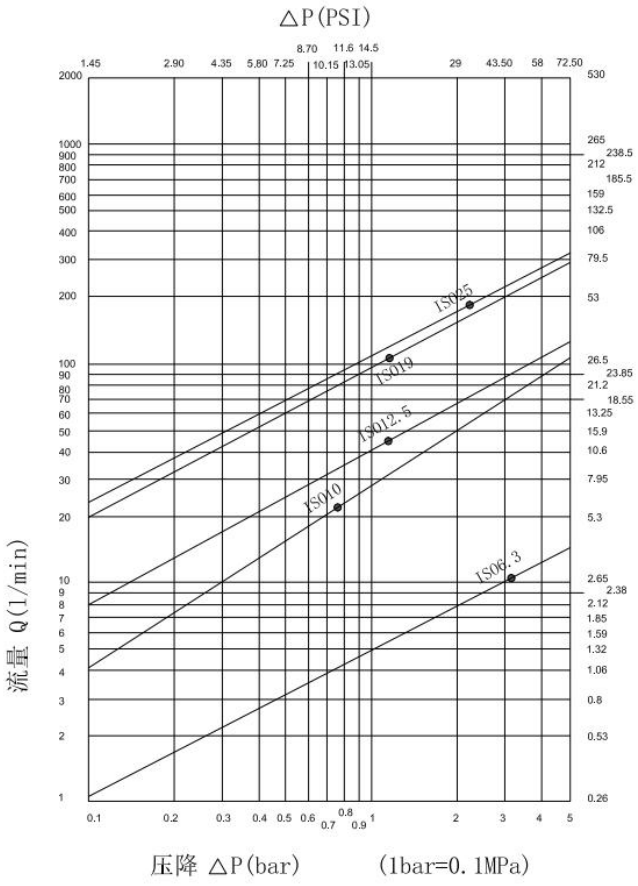
型号 Part Numbers	材质 Material	D1 (mm)	D2 (mm)	L (mm)	重量 g
KA06-0-RT001	塑料(红)/Plastic（Red）	11	6	110	5
KA10-0-RT001	塑料(红)/Plastic（Red）	24	22	220	10
KA13-0-RT001	塑料(红)/Plastic（Red）	29	26	250	16
KA20-0-RT001	塑料(红)/Plastic（Red）	36	36	270	24.5
KA25-0-RT001	塑料(红)/Plastic（Red）	36	28	235	38
KA30-0-RT001	塑料(红)/Plastic（Red）	70	47	290	49
KA39-0-RT001	塑料(红)/Plastic（Red）	57	52	320	67
KA50-0-RT001	塑料(红)/Plastic（Red）	92	62	337	108

型号 Part Numbers	材质 Material	D1 (mm)	D2 (mm)	L (mm)	重量 g
KA06-9-RT001	塑料(红)/Plastic（Red）	10	6	110	5
KA10-9-RT001	塑料(红)/Plastic（Red）	28	22	220	9.5
KA13-9-RT001	塑料(红)/Plastic（Red）	35	26	250	15
KA20-9-RT001	塑料(红)/Plastic（Red）	42	36	270	29
KA25-9-RT001	塑料(红)/Plastic（Red）	42	28	235	34
KA30-9-RT001	塑料(红)/Plastic（Red）	70	47	290	52
KA39-9-RT001	塑料(红)/Plastic（Red）	64	56	320	78
KA50-9-RT001	塑料(红)/Plastic（Red）	76	61	370	110

翻盖保护盖 AUTOMATIC CAPS

型号 Part Numbers	材质 Material	D1 (mm)	S (mm)	L (mm)	重量 g
KA13-0-RF001	塑料(黑)/Plastic （Black）	45.6	18.2	59.6	29
KA13-0-RF001	塑料(黄)/Plastic （Yellow）	45.6	18.2	59.6	29
KA13-0-RF001	塑料(红)/Plastic （Red）	45.6	18.2	59.6	29
KA13-0-RF001	塑料(蓝)/Plastic （Blue）	45.6	18.2	59.6	29





技术参数：

- 标准：ISO 7241-1 A
- 阀系统：锥阀
- 锁紧方式：钢球锁定
- 套筒：双作用推拉
- 材质：碳钢
- 表面处理：Zn-Fe(Cr III)
- 可选螺纹：BSP－NPT－RC－METRICHE
- 标准密封件：NBR,PU
- 工作温度：-25 ° C to+100 ° C /-40 ° C to+100 ° C
- 可选密封件:FKM, EPDM or more
- 工作压力：250-350 bar
- 带压操作：不允许

Technical data:

- Standard: ISO 7241-1 A
- Occlusion: poppet
- Locking: radial balls
- Sleeve:double acting
- Material: steel
- Finishing: Zn-Fe (Cr III)
- Threads: BSP – NPT – RC –METRICHE
- Standard seals: NBR,PU
- Working temperature: -25 °C to+100 °C/-40 °C to+100 °C
- Optional seals: FKM, EPDM or more
- Working pressure: 250-350 bar
- Connection under pressure: not allowed

特征：

阀芯的内部设计有助于实现最小压降，提升系统效率。
结构紧凑。
关键部分硬化处理，锁紧钢珠数量多以减少布氏效应。

Features:

The internal design of the valve help to achieve minimum pressure drop and improve system efficiency.
Compact structure.
The key part is hardened, and the number of steel balls is locked to reduce the Brinell effect.

应用：

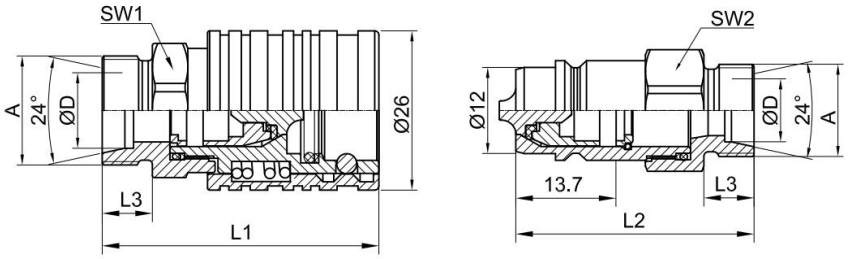
工业、能源机械、化工、海洋、农业设备

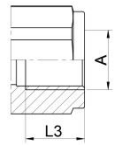
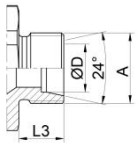
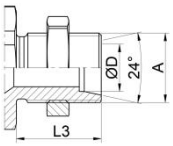
Applications:

Industrial,energy machinery, chemical industry, ocean，agricultural equipment

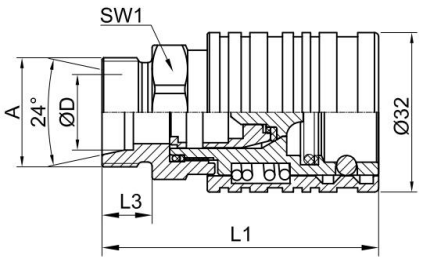
标准尺寸 Nominal size		工作压力 Working pressure	额定流量 Rated flow (ISO)	建议最大流量 Max flow rate	爆破压力 Burst pressure			溢流量 Fluid spillage
					公头 Male	母头 Female	连接 Coupled	
KA1	ISO	Mpa	l/min	l/min	Mpa	Mpa	Mpa	cc
KA1.06	6.3	30	12	24	120	120	140	0.5
KA1.10	10	25	23	46	130	100	160	1.9
KA1.13	12.5	25	45	90	95	110	190	2.7
KA1.20	20	25	100	200	120	110	140	8
KA1.25	25	25	189	280	100	100	140	10

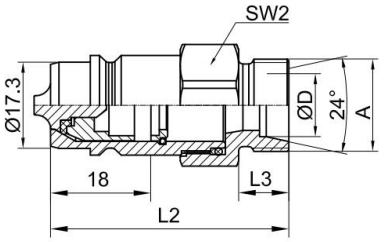
Series KA1.06 BG1-ISO6.3

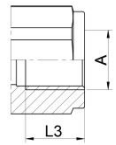
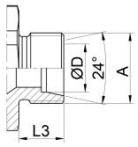
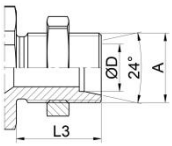


螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions (mm) D	L1	L2	L3	SW1	SW2	Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 1/4		64	45.5	13	19	19	KA1.06-F-14BSP	180	KA1.06-M-14BSP	56
	NPT 1/4		64	45.5	13	19	19	KA1.06-F-14NPT	178	KA1.06-M-14NPT	55
外螺纹 24° 锥形 DIN 3861 /Male stud with type W bore (24°) to DIN 3861											
	M14×1.5	8L	62	42	10	19	19	KA1.06-F-L0814	126	KA1.06-M-L0814	43
外螺纹 24° 锥形 DIN 3861 (带隔板) /Male stud with type W bore (24°) to DIN 3861											
	M14×1.5	8L	77	57	25	19	19	KA1.06-F-N0814	139	KA1.06-M-N0814	56

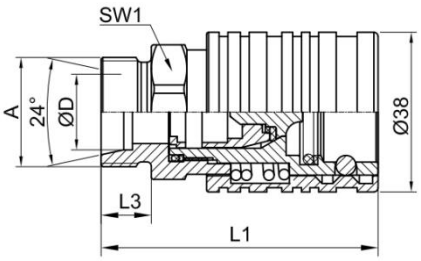
Series KA1.10 BG2-ISO10

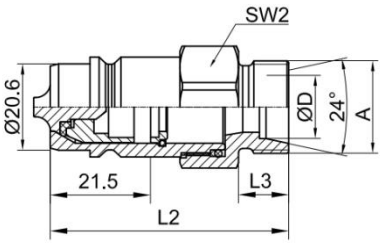


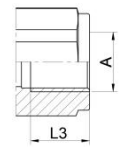
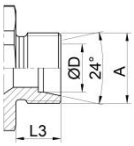
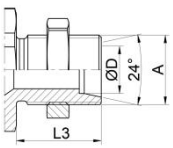


螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 3/8		67	49	13	22	22	KA1.10-F-38BSP	186	KA1.10-M-38BSP	73
	NPT 3/8		67	49	13	22	22	KA1.10-F-38NPT	184	KA1.10-M-38NPT	72
外螺纹 24° 锥形 DIN 3861 /Male stud with type W bore (24°) to DIN 3861											
	M14x1.5	8L	64.8	46.8	10	22	22	KA1.10-F-L0814	178	KA1.10-M-L0814	65
	M16x1.5	10L	65.8	47.8	11	22	22	KA1.10-F-L1016	179	KA1.10-M-L1016	66
	M18x1.5	12L	65.8	47.8	11	22	22	KA1.10-F-L1218	180	KA1.10-M-L1218	66
外螺纹 24° 锥形 DIN 3861 (带隔板) /Male stud with type W bore (24°) to DIN 3861											
	M14x1.5	8L	80.8	62.8	26	22	22	KA1.10-F-N0814	198	KA1.10-M-N0814	85
	M16x1.5	10L	80.8	62.8	26	22	22	KA1.10-F-N1016	204	KA1.10-M-N1016	90
	M18x1.5	12L	80.8	62.8	26	22	22	KA1.10-F-N1218	209	KA1.10-M-N1218	95

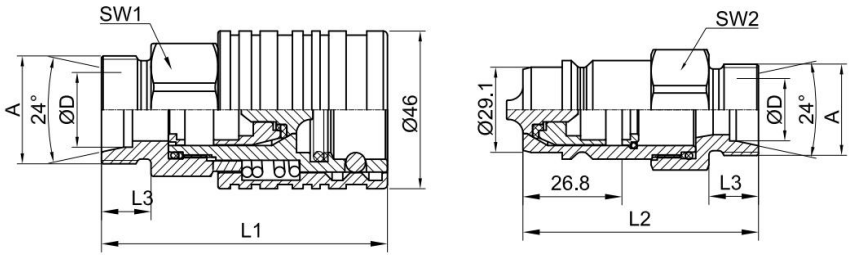
Series KA1.13 BG3-ISO12.5

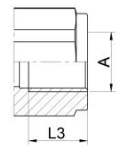
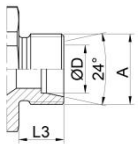
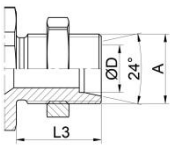




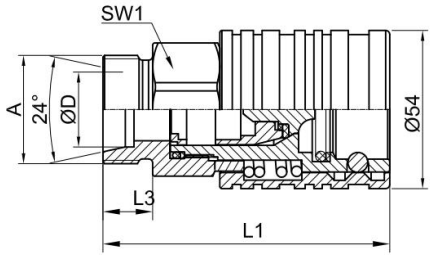
螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm) D	L1	L2	L3	SW1	SW2	Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 1/2		70	62	16	27	27	KA1.13-F-12BSP	331	KA1.13-M-12BSP	153
	NPT 1/2		70	62	16	27	27	KA1.13-F-12NPT	331	KA1.13-M-12NPT	150
外螺纹 24° 锥形 DIN 3861 /Male stud with type W bore (24°) to DIN 3861											
	M16x1.5	10L	65.2	57	11	27	27	KA1.13-F-L1016	257	KA1.13-M-L1016	109
	M18x1.5	12L	65.2	57	11	27	27	KA1.13-F-L1218	257	KA1.13-M-L1218	109
	M22x1.5	15L	66.2	58	12	27	27	KA1.13-F-L1522	265	KA1.13-M-L1522	117
	M26x1.5	18L	66.2	58	12	27	27	KA1.13-F-L1826	273	KA1.13-M-L1826	119
	M20x1.5	12S	66.2	58	12	27	27	KA1.13-F-S1220	267	KA1.13-M-S1220	117
	M24x1.5	16S	68.2	60	14	27	27	KA1.13-F-S1624	275	KA1.13-M-S1624	125
外螺纹 24° 锥形 DIN 3861 (带隔板) /Male stud with type W bore (24°) to DIN 3861											
	M16x1.5	10L	80.2	72	26	27	27	KA1.13-F-N1016	308	KA1.13-M-N1016	286
	M18x1.5	12L	80.2	72	26	27	27	KA1.13-F-N1218	311	KA1.13-M-N1218	289
	M22x1.5	15L	81.2	73	27	27	27	KA1.13-F-N1522	315	KA1.13-M-N1522	293
	M26x1.5	18L	82.2	74	28	27	27	KA1.13-F-N1826	311	KA1.13-M-N1826	289
	M26x1.5	18L	94.2	86	40	27	27	KA1.13-F-N1826L	330		
	M20x1.5	12S	81.2	73	27	27	27	KA1.13-F-T1220	318	KA1.13-M-T1220	297
	M22x1.5	14S	83.2	75	29	27	27	KA1.13-F-T1422	322	KA1.13-M-T1422	301
	M24x1.5	16S	83.2	75	29	27	27	KA1.13-F-T1624	326	KA1.13-M-T1624	305

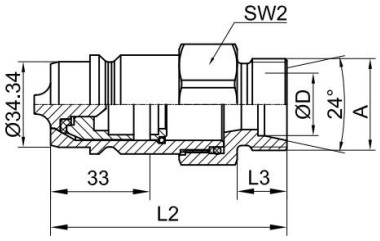
Series KA1.20 BG4-ISO20

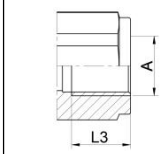
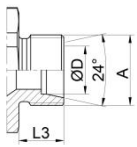
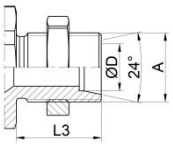


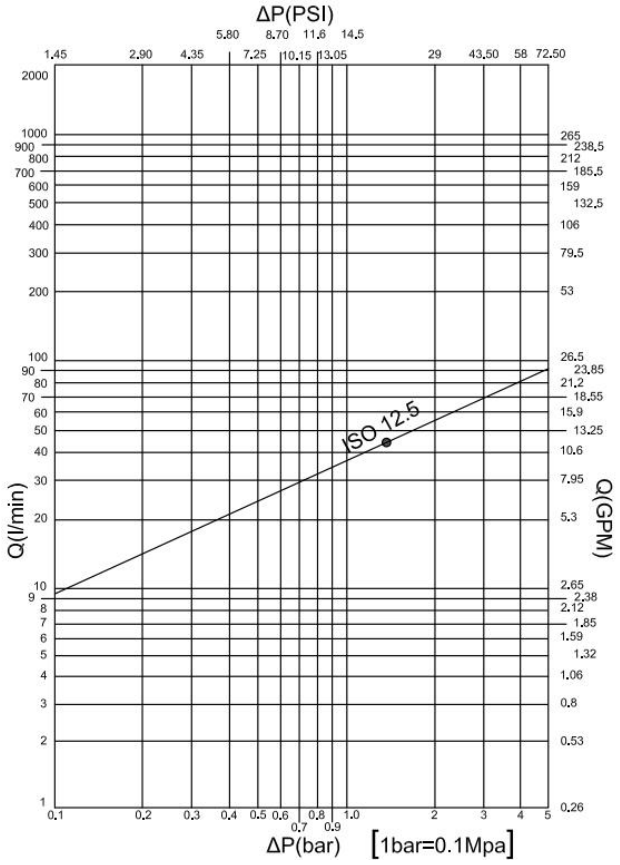
螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 3/4		92	67	18	36	36	KA1.20-F-34BSP	605	KA1.20-M-34BSP	268
	NPT 3/4		92	67	18	36	36	KA1.20-F-34NPT	605	KA1.20-M-34NPT	267
外螺纹 24° 锥形 DIN 3861 /Male stud with type W bore (24°) to DIN 3861											
	M26x1.5	18L	80.1	66	12	36	36	KA1.20-F-L1826	505	KA1.20-M-L1826	278
	M30x2	22L	82.1	68	14	36	36	KA1.20-F-L2230	529	KA1.20-M-L2230	288
	M36x2	28L	82.1	68	14	36	41	KA1.20-F-L2836	545	KA1.20-M-L2836	312
	M30x2	20S	84.1	70	16	36	36	KA1.20-F-S2030	532	KA1.20-M-S2030	292
	M36x2	25S	86.1	70	18	36	41	KA1.20-F-S2536	553	KA1.20-M-S2536	325
外螺纹 24° 锥形 DIN 3861 (带隔板) /Male stud with type W bore (24°) to DIN 3861											
	M26x1.5	18L	96.1	82	28	36	36	KA1.20-F-N1826	646	KA1.20-M-N1826	341
	M30x2	22L	104.1	90	36	36	36	KA1.20-F-N2230	682	KA1.20-M-N2230	378
	M30x2	20S	104.1	90	36	36	36	KA1.20-F-T2030	677	KA1.20-M-T2030	373

Series KA1.25 BG5-ISO25





螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm) D	L1	L2	L3	SW1	SW2	Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G1		102.1	76	22	41	41	KA1.25-F-1BSP	834	KA1.25-M-1BSP	453
	NPT1		102.1	76	22	41	41	KA1.25-F-1NPT	832	KA1.25-M-1NPT	452
外螺纹 24° 锥形 DIN 3861 /Male stud with type W bore (24°) to DIN 3861											
	M52x2	42L	96.1	75.5	16	41	41	KA1.25-F-L4252	965	KA1.25-M-L4252	589
	M42x2	30S	100.1	79.5	20	41	41	KA1.25-F-S3042	884	KA1.25-M-S3042	468
	M30x2	20S	96.1	75.5	16	41	41	KA1.25-F-S2030	764	KA1.25-M-S2030	364
	M52x2	38S	102.1	81.5	22	41	41	KA1.25-F-S3852	1056	KA1.25-M-S3852	655
外螺纹 24° 锥形 DIN 3861 (带隔板) /Male stud with type W bore (24°) to DIN 3861											
	M30x2	22L	114.1	91.5	32	41	41	KA1.25-F-N2230	862	KA1.25-M-N2230	462
	M36x2	28L	114.1	93.5	34	41	41	KA1.25-F-N2836	900	KA1.25-M-N2836	499
	M45x2	35L	120.1	99.5	40	41	41	KA1.25-F-N3545	1114	KA1.25-M-N3545	714
	M30x2	20S	118.1	97.5	38	41	41	KA1.25-F-T2030	879	KA1.25-M-T2030	479
	M36x2	25S	118.1	97.5	38	41	41	KA1.25-F-T2536	940	KA1.25-M-T2536	540
	M42x2	30S	120.1	99.5	40	41	41	KA1.25-F-T3042	1050	KA1.25-M-T3042	650
	M52x2	38S	133.1	112.5	53	41	41	KA1.25-F-T3852	1446	KA1.25-M-T3852	1046



技术参数：

- 标准：ISO 7241-1 A
- 套筒:双作用推拉
- 阀系统：锥阀
- 锁紧方式 ：钢球锁定
- 可选材质：碳钢
- 表面处理 Zn-Fe (Cr III)
- 可选螺纹：BSP－NPT－SAE－METRICHE
- 标准密封件：NBR,PU
- 工作温度：-25 ° C to+100 ° C/ -40 ° C to+100 ° C
- 可选密封件：FKM, EPDM or more
- 工作压力：250 bar
- 带压操作：允许(公母头均可带压操作)
- 最大带压操作压力：250bar

Technical data：

- Standard: ISO 7241-1 A
- Sleeve:double acting
- Occlusion: poppet
- Locking: radial balls
- Material: steel
- Finishing: Zn-Fe (Cr III)
- Threads: BSP – NPT – SAE – METRICHE
- Standard seals: NBR,PU
- Working temperature: -25 °C to+100 °C /-40 °C to+100 °C
- Optional seals: FKM, EPDM or more
- Working pressure: 250 bar
- Connection under pressure: allowed(both male and female side)
- Max residual pressure: 250nbar

特征：

阀芯的内部设计有助于实现最小压降，提升系统效率。
结构紧凑。
关键部分硬化处理，锁紧钢珠数量多以减少布氏效应。

Features：

The internal design of the valve help to achieve minimum pressure drop and improve system efficiency.
Compact structure.
The key part is hardened, and the number of steel balls is locked to reduce the Brinell effect.

应用：

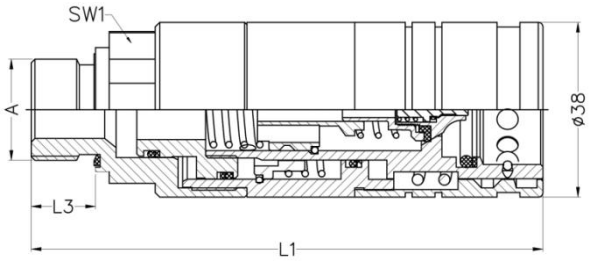
工业、农业

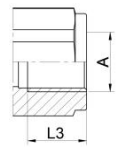
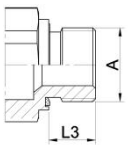
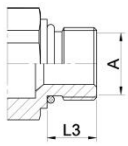
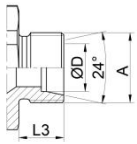
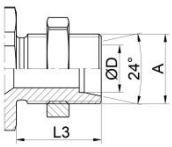
Applications：

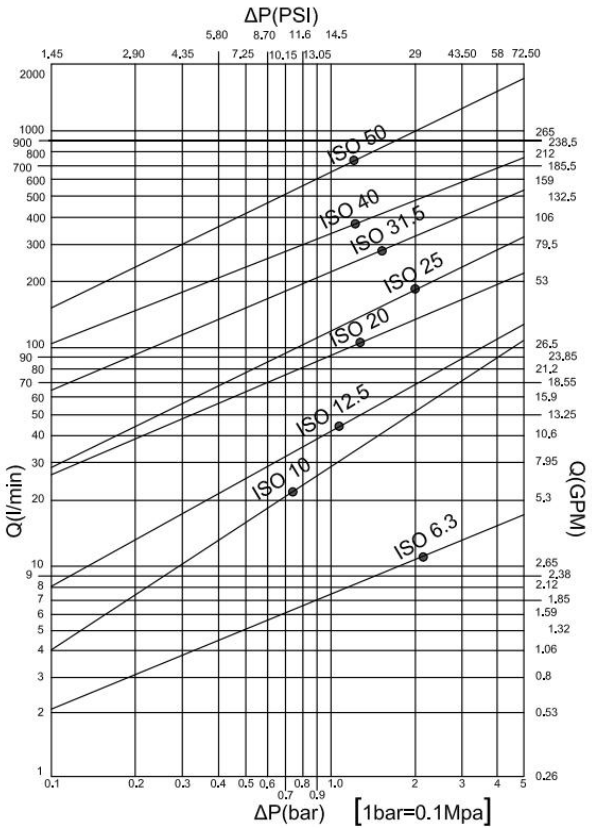
Industrial,agricultural

标准尺寸 Nominal size		工作压力 Working pressure	额定流量 Rated flow (ISO)	建议最大流量 Max flow rate	爆破压力 Burst pressure			溢流量 Fluid spillage
					公头 Male	母头 Female	连接 Coupled	
KA2	ISO	Mpa	l/min	l/min	Mpa	Mpa	Mpa	cc
KA2.13	12.5	25	70	140		110	190	2.7

Series KA2.13 BG1-ISO12.5



螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm) D	L1	L2	L3	SW1	SW2	Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G1/2		108		16	32		KA2.13-F-12BSP	604		
	NPT 1/2		108		16	32		KA2.13-F-12NPT	608		
外螺纹 DIN 3852-11-E /Male Thread DIN 3852-11-E											
	M22x1,5		111.5		14	32		KA2.13-F-AME22	596		
	M18x1,5		111.5		14	32		KA2.13-F-AME18	619		
外螺纹 ISO 6149-2 /Male Thread ISO 6149-2											
	M22x1,5		111.5		15	32		KA2.13-F-AMO22	596		
外螺纹 24° 锥形 DIN 3861 /Male stud with type W bore (24°) to DIN 3861											
	M26x1.5	18L	108.5		12	32		KA2.13-F-L1826	603		
外螺纹 24° 锥形 DIN 3861 (带隔板) /Male stud with type W bore (24°) to DIN 3861											
	M26x1.5	18L	136.5		40	32		KA2.13-F-N1826L	675		



技术参数：

- 标准：ISO 7241-1 B
- 阀系统：锥阀
- 锁紧方式：钢球锁定
- 可选材质：碳钢、316 不锈钢 、黄铜
- 表面处理 Zn-Fe (Cr III)
- 可选螺纹：BSP - NPT
- 标准密封件：NBR,PU
- 工作温度：-25 ° C to+100 ° C
- 可选密封件：FKM, EPDM or more
- 工作压力：100-500 bar
- 带压操作：不允许

Technical data：

- Standard: ISO 7241-1 B
- Occlusion: poppet
- Locking: radial balls
- Material: steel,stainless steel AISI316,brass
- Finishing: Zn-Fe (Cr III)
- Threads: BSP – NPT
- Standard seals: NBR,PU
- Working temperature: -25 °C to +100 °C
- Optional seals: FKM, EPDM or more
- Working pressure: 100-500 bar
- Connection under pressure: not allowed

特征：

阀芯的内部设计有助于实现最小压降，提升系统效率。
结构紧凑。
锁紧钢珠数量多以减少布氏效应。

Features：

The internal design of the valve help to achieve minimum pressure drop and improve system efficiency.
Compact structure.
More steel balls are locked to reduce the Brinell effect.

应用：

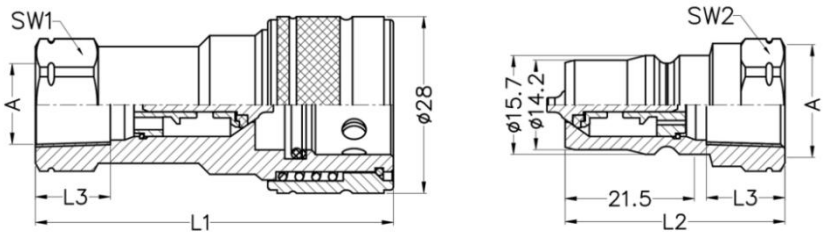
工业、能源机械、化工、海洋

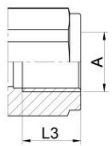
Applications：

Industrial,energy machinery, chemical industry, ocean

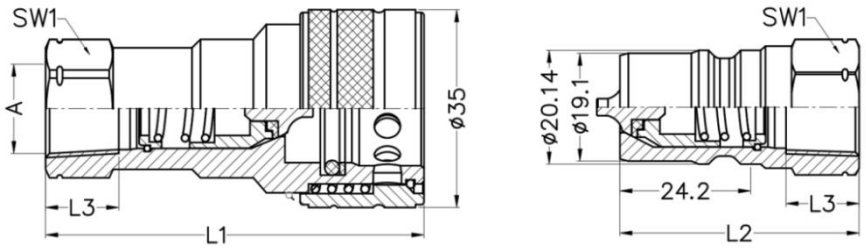
标准尺寸 Nominal size		工作压力 Working pressure	额定流量 Rated flow （ISO）	建议最大流量 Max flow rate	爆破压力 Burst pressure			溢流量 Fluid spillage
					公头 Male	母头 Female	连接 Coupled	
KB	ISO	Mpa	l/min	l/min	Mpa	Mpa	Mpa	cc
KB06	6.3	30	12	24	180	120	140	0.5
KB10	10	25	23	46	160	100	160	1.9
KB13	12.5	25	45	90	150	110	190	2.7
KB20	20	25	100	200	140	110	140	8
KB25	25	25	189	280	130	100	140	10
KB39	40	20	379	750	80	80	80	32
KB50	50	15	757	1000	60	60	60	85

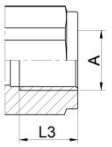
Series KB06 BG1-ISO6.3



螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G1/4		57	35	13	19	19	KB06-F-14BSP	123	KB06-M-14BSP	39
	NPT 1/4		57	35	13	19	19	KB06-F-14NPT	124	KB06-M-14NPT	40

Series KB10 BG2-ISO10



螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 3/8		67.2	42.5	13	22	22	KB10-F-38BSP	194	KB10-M-38BSP	61
	NPT 3/8		67.2	42.5	13	22	22	KB10-F-38NPT	196	KB10-M-38NPT	62

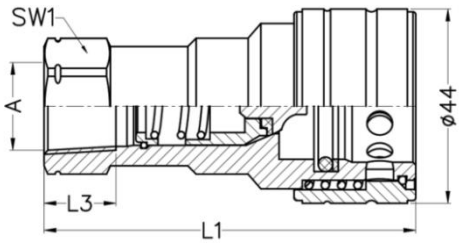
材质 316 不锈钢型号为 KBX, 如 KBX10-F-38BSP/KBX10-M-38BSP

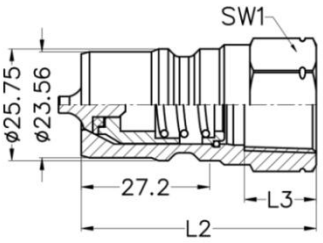
材质为黄铜型号为 KBM, 如 KBM10-F-38BSP/KBM10-M-38BSP

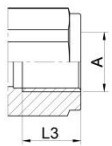
The item of material stainless steel 316 is KBX , such as: KBX10-F-38BSP/KBX10-M-38BSP

The item of material brass is KBM , such as: KBM10-F-38BSP/KBM10-M-38BSP

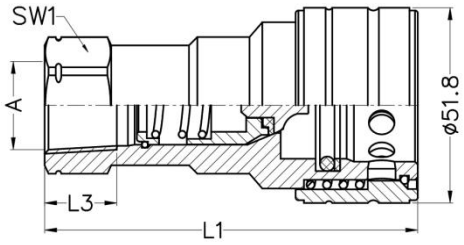
Series KB13 BG3-ISO12.5

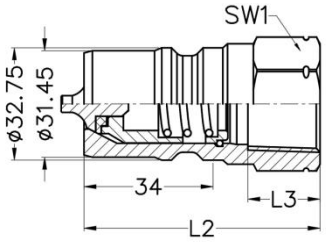


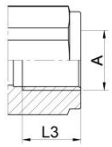


螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G1/2		75.7	48	16	27	27	KB13-F-12BSP	346	KB13-M-12BSP	112
	NPT 1/2		75.7	48	16	27	27	KB13-F-12NPT	349	KB13-M-12NPT	115

Series KB20 BG4-ISO20





螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 3/4		91.5	57	18	34	34	KB20-F-34BSP	548	KB20-M-34BSP	202
	NPT 3/4		91.5	57	18	34	34	KB20-F-34NPT	551	KB20-M-34NPT	207

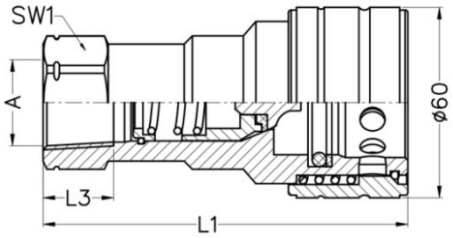
材质 316 不锈钢型号为 KBX, 如 KBX20-F-34BSP/KBX20-M-34BSP

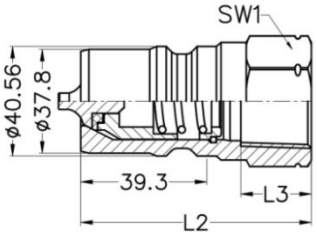
材质为黄铜型号为 KBM, 如 KBM20-F-34BSP/KBM20-M-34BSP

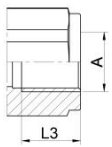
The item of material stainless steel 316 is KBX , such as: KBX20-F-34BSP/KBX20-M-34BSP

The item of material brass is KBM , such as: KBM20-F-34BSP/KBM20-M-34BSP

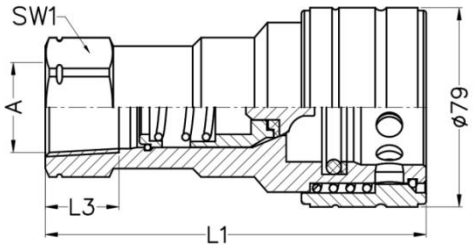
Series KB25 BG5-ISO25

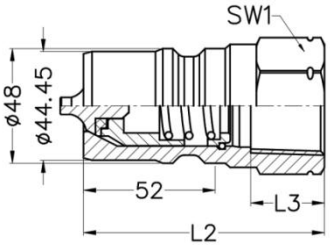


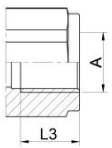


螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 1		107.8	67.5	20	41	41	KB25-F-1BSP	860	KB25-M-1BSP	355
	NPT		107.8	67.5	20	41	41	KB25-F-1NPT	870	KB25-M-1NPT	364

Series KB39 BG6-ISO40





螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 1 1/2		126.5	127	24	65	65	KB39-F-112BSP	2008	KB39-M-112BSP	1355
	NPT 1 1/2		126.5	127	24	65	65	KB39-F-112NPT	2020	KB39-M-112NPT	1368

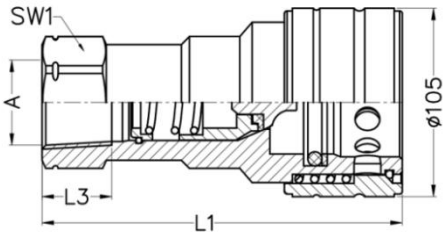
材质 316 不锈钢型号为 KBX, 如 KBX39-F-112BSP/KBX39-M-112BSP

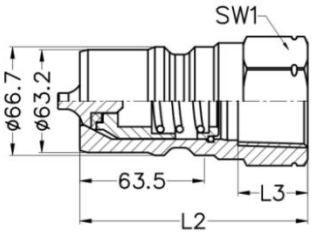
材质为黄铜型号为 KBM, 如 KBM39-F-112BSP/KBM39-M-112BSP

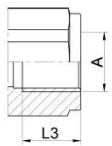
The item of material stainless steel 316 is KBX , such as: KBX39-F-112BSP/KBX39-M-112BSP

The item of material brass is KBM , such as: KBM39-F-112BSP/KBM39-M-112BSP

Series KB50 BG7-ISO50





螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
		D	L1	L2	L3	SW1	SW2				
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 2		142	142	26	75	75	KB50-F-2BSP	4900	KB50-M-2BSP	3100
	NPT 2		142	142	24	75	75	KB50-F-2NPT	5010	KB50-M-2NPT	3200

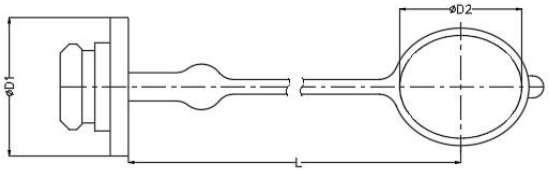
材质 316 不锈钢型号为 KBX, 如 KBX50-F-2BSP/KBX50-M-2BSP

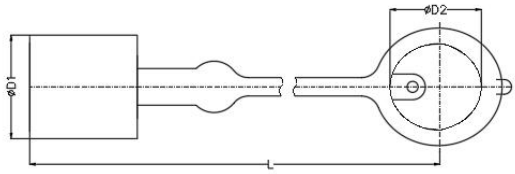
材质为黄铜型号为 KBM, 如 KBM50-F-2BSP/KBM50-M-2BSP

The item of material stainless steel 316 is KBX , such as: KBX50-F-2BSP/KBX50-M-2BSP

The item of material brass is KBM , such as: KBM50-F-2BSP/KBM50-M-2BSP

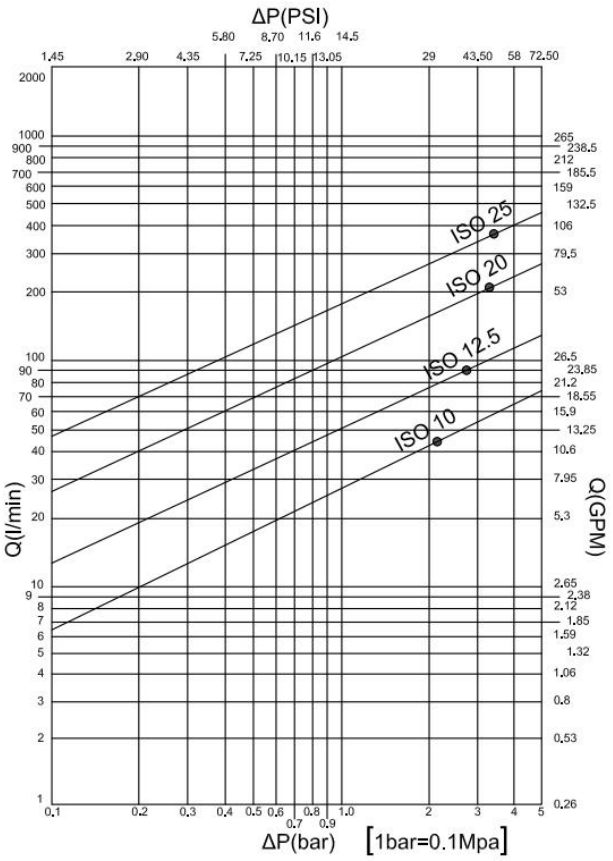
塑料帽塞 PLASTIC CAPS





型号 Part Numbers	材质 Material	D1 (mm)	D2 (mm)	L (mm)	重量 g
KB06-0-RT001	塑料(红)/Plastic (Red)	18	23	240	9
KB10-0-RT001	塑料(红)/Plastic (Red)	23	24	240	15
KB13-0-RT001	塑料(红)/Plastic (Red)	29	28	250	20
KB20-0-RT001	塑料(红)/Plastic (Red)	36	38	270	29
KB25-0-RT001	塑料(红)/Plastic (Red)	44	44	253	39
KB39-0-RT001	塑料(红)/Plastic (Red)	55	46	290	

型号 Part Numbers	材质 Material	D1 (mm)	D2 (mm)	L (mm)	重量 g
KB06-9-RT001	塑料(红)/Plastic (Red)	26	23	240	10
KB10-9-RT001	塑料(红)/Plastic (Red)	33	25	240	15
KB13-9-RT001	塑料(红)/Plastic (Red)	38	29	250	20
KB20-9-RT001	塑料(红)/Plastic (Red)	49	38	270	30
KB25-9-RT001	塑料(红)/Plastic (Red)	60	46	235	40
KB39-9-RT001	塑料(红)/Plastic (Red)	74	46	290	



技术参数：

- 互换性：TEMA T 系列
- 阀系统：背压卸荷阀
- 锁紧方式：钢球锁定
- 可选材质：碳钢
- 表面处理：Zn-Ni
- 可选螺纹：BSP - NPT
- 标准密封件：NBR,PU
- 工作温度：-25 ° C to +100 ° C
- 可选密封件：FKM, EPDM or more
- 工作压力：300-370 bar
- 带压连接：允许(公头与母头均可)
- 最大带压操作压力：工作压力

Technical data：

- Interchange:Tema T series
- Occlusion: decompression valve
- Locking: radial balls
- Material: steel
- Finishing: Zn-Ni
- Threads: BSP – NPT
- Standard seals: NBR,PU
- Working temperature: -25 °C to +100 °C
- Optional seals: FKM, EPDM or more
- Working pressure: 300-370 bar
- Connection under residual pressure: allowed(both male and female)
- Max residual pressure: working pressure

特征：

阀芯的内部设计有助于实现最小压降，提升系统效率。
结构紧凑。
关键部分硬化处理，锁紧钢珠数量多以减少布氏效应。

Features：

The internal design of the valve help to achieve minimum pressure drop and improve system efficiency.
Compact structure.
The key part is hardened, and the number of steel balls is locked to reduce the Brinell effect.

应用：

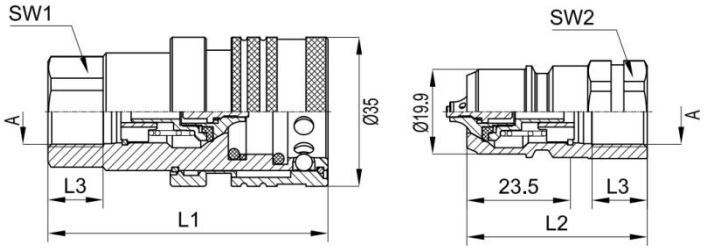
工业、农业、环卫机械

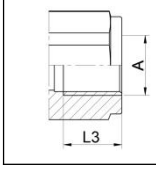
Applications：

Industrial,agricultural,sanitation machinery

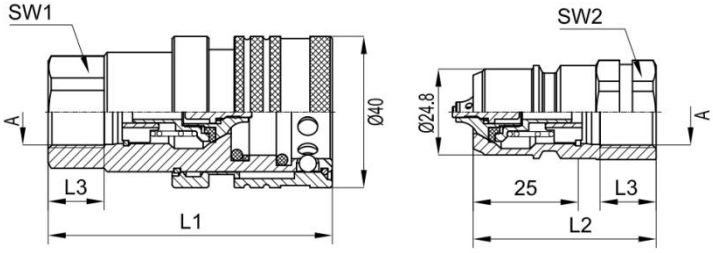
标准尺寸 Nominal size		工作压力 Working pressure	额定流量 Rated flow （ISO）	建议最大流量 Max flow rate	爆破压力 Burst pressure			溢流量 Fluid spillage
					公头 Male	母头 Female	连接 Coupled	
KD	ISO	Mpa	l/min	l/min	Mpa	Mpa	Mpa	cc
KD10	10	37	45	90	110	140	130	2.5
KD13	12.5	35	90	160	110	130	120	6
KD20	20	35	212	300	90	110	110	20
KD25	25	35	380	500	90	100	110	35

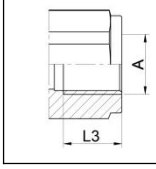
Series KD10 BG1-ISO10



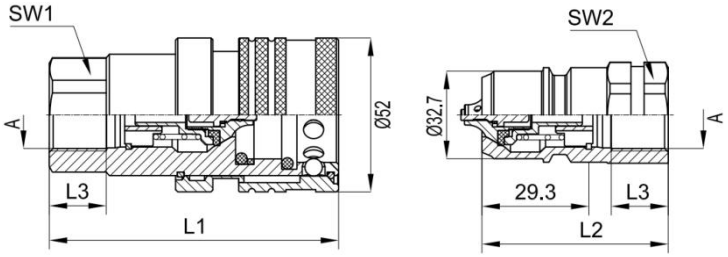
螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 3/8		66	42.5		24	22	KD10-F-38BSP	250	KD10-M-38BSP	70
	NPT 3/8		66	42.5		24	22	KD10-F-38NPT	252	KD10-M-38NPT	72

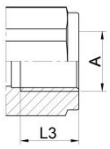
Series KD13 BG2-ISO12.5



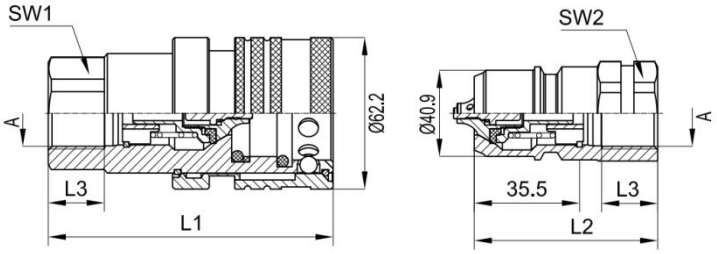
螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 1/2		74	49		30	27	KD13-F-12BSP	360	KD13-M-12BSP	117
	NPT 1/2		74	49		30	27	KD13-F-12NPT	363	KD13-M-12NPT	120

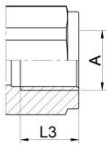
Series KD20 BG3-ISO20



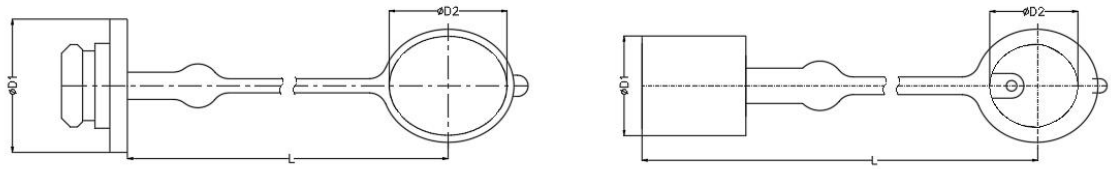
螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 3/4		79.3	50		38	36	KD20-F-34BSP	623	KD20-M-34BSP	213
	NPT 3/4		79.3	50		38	36	KD20-F-34NPT	630	KD20-M-34NPT	220

Series KD25 BG4-ISO25



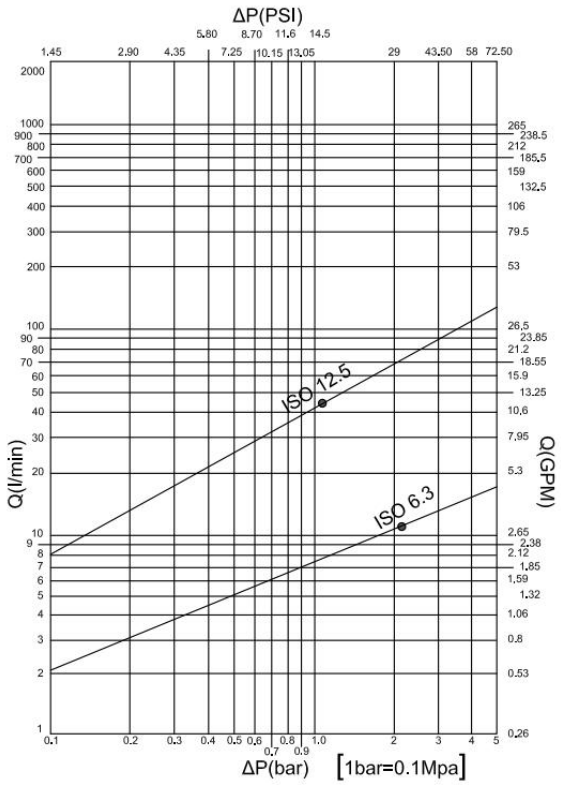
螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 1		92.5	57		46	46	KD25-F-1BSP	974	KD25-M-1BSP	350
	NPT 1		92.5	57		46	46	KD25-F-1NPT	982	KD25-M-1NPT	357

塑料帽塞 PLASTIC CAPS



型号 Part Numbers	材质 Material	D1 (mm)	D2 (mm)	L (mm)
KD10-0-RT001	塑料(红)/Plastic （Red）	33	23	145
KD13-0-RT001	塑料(红)/Plastic （Red）	39	27	165
KD20-0-RT001	塑料(红)/Plastic （Red）	51	34	198
KD25-0-RT001	塑料(红)/Plastic （Red）	61	48	250

型号 Part Numbers	材质 Material	D1 (mm)	D2 (mm)	L (mm)
KD10-9-RT001	塑料(红)/Plastic （Red）	26	23	145
KD13-9-RT001	塑料(红)/Plastic （Red）	31.5	27	165
KD20-9-RT001	塑料(红)/Plastic （Red）	39	34	192
KD25-9-RT001	塑料(红)/Plastic （Red）	50	48	250



技术参数：

- 阀系统：锥阀
- 锁紧方式 ：钢球锁定
- 可选材质：304 不锈钢、316 不锈钢（可选）
- 表面处理 酸洗、钝化
- 可选螺纹：BSP NPT－R －METRICHE
- 工作温度：-25 ° C to+100 ° C
- 可选密封件：FKM, FFKM,EPDM or more
- 工作压力：250-300 bar
- 带压操作：不允许

Technical data：

- Occlusion: poppet
- Locking: radial balls
- Material: stainless steel AISI304,stainless steel 316(Optional)
- Finishing: pickling passivation
- Threads: BSP – NPT – RC – METRICHE
- Working temperature: -25 °C to+100 °C
- Optional seals: FKM, FFKM ,EPDM or more
- Working pressure: 250-300 bar
- Connection under pressure:not allowed

特征：

锁紧钢珠数量多以减少布氏效应
独特的阀芯设计可显著增加通流能力，减少发热
阀体带有镶嵌式全氟醚密封件，以防止被大流量挤出
结构紧凑。

Features：

Large number of locking balls can reduce Brinell effect.
The unique spool design significantly increases flow capacity and reduces heat.
The valve body contains an inlaid perflurane seal to prevent it from being squeezed out by high flow.
Compact structure.

应用：

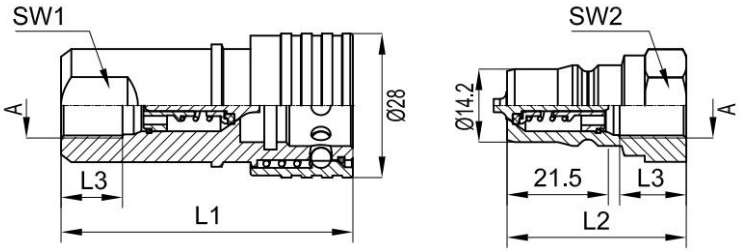
电解液，半导体，化工，医药

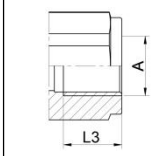
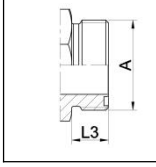
Applications：

Electrolyte, semiconductor, chemical engineering, medicine

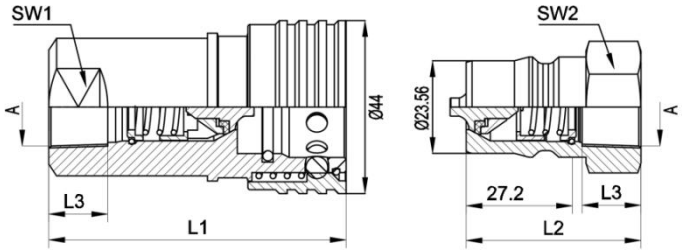
标准尺寸 Nominal size		工作压力 Working pressure	额定流量 Rated flow （ISO）	建议最大流量 Max flow rate	爆破压力 Burst pressure			溢流量 Fluid spillage
					公头 Male	母头 Female	连接 Coupled	
RBVX	ISO	Mpa	l/min	l/min	Mpa	Mpa	Mpa	cc
RBVX06	6.3	30	12	24	60	60	110	0.5
RBVX13	12.5	25	45	90	60	60	110	2.7

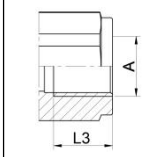
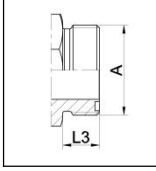
Series RBVX06 BG1-ISO6.3

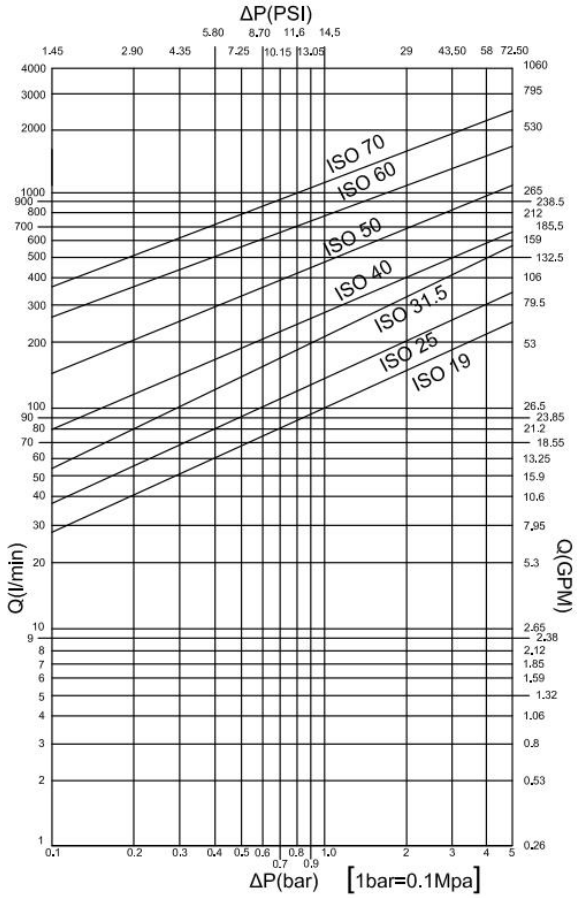


螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm) D	L1	L2	L3	SW1	SW2	Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G1/4		57	35	13	19	19	RBVX06-F-14BSP	123	RBVX06-M-14BSP	39
	NPT 1/4		57	35	13	19	19	RBVX06-F-14NPT	124	RBVX06-M-14NPT	40
	RC1/4		57	35	13	19	19	RBVX06-F-14RC	124	RBVX06-M-14RC	40
外螺纹 DIN 3852 /Male Thread DIN 3852											
	M18×1.5			35	9		19			RBVX06-M-M18X1.5	39

Series RBVX13 BG2-ISO12.5



螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm) D	L1	L2	L3	SW1	SW2	Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G1/2		75.7	44.5	16	29	29	RBVX13-F-12BSP	346	RBVX13-M-12BSP	112
	NPT 1/2		75.7	44.5	16	29	29	RBVX13-F-12NPT	349	RBVX13-M-12NPT	115
	RC1/2		75.7	44.5	16	29	29	RBVX13-F-12RC	349	RBVX13-M-12RC	115
外螺纹 DIN 3852 /Male Thread DIN 3852											
	M27X1.5			44	11		29			RBVX13-M-M27X1.5/A	112
	M27X1.5			59.5	19		29			RBVX13-M-M27X1.5/B	132
	M27X1.5			54	11		29			RBVX13-M-M27X1.5/C	118



技术参数：

- 互换性：Snap-Tite 75 系列
- 阀系统：锥阀
- 锁紧方式：螺纹锁定
- 可选材质：碳钢
- 表面处理：Zn-Fe(Cr III)
- 可选螺纹：BSP－NPT
- 标准密封件：NBR
- 工作温度：-25 ° C to+100 ° C
- 可选密封件：FKM, EPDM or more
- 工作压力：350 bar
- 带压操作：允许(公头与母头均可)
- 最大带压操作压力：100 bar

Technical data:

- Interchange : Snap-Tite 75
- Occlusion: poppet
- Locking: screw
- Material: steel
- Finishing: Zn-Fe (Cr III)
- Threads: BSP – NPT
- Standard seals: NBR
- Working temperature: -25 °C to+100 °C
- Optional seals: FKM, EPDM or more
- Working pressure: 350 bar
- Connection under pressure: allowed(both male or female)
- Max residual pressure: 100bar

特征：

阀芯的内部设计和使用的高强度材料有助于实现最小压降，提升系统效率。
螺纹锁紧可避免钢珠锁定的机械磨损和布氏效应。
结构紧凑。

Features:

The internal design of the valve and the use of high-strength materials help to achieve a minimum pressure drop and improve system efficiency.
Threaded locking can prevent mechanical wear and Brinell effect caused by steel ball locking.
Compact structure.

应用：

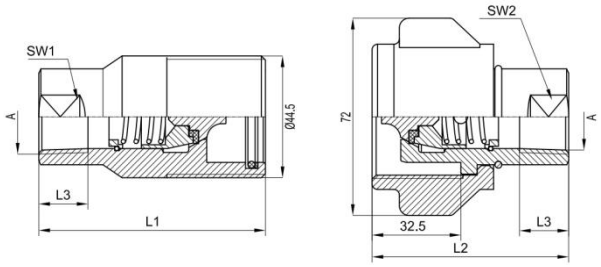
工业、工程机械、石油设备

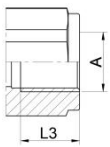
Applications:

Industry、construction machinery, oil equipment

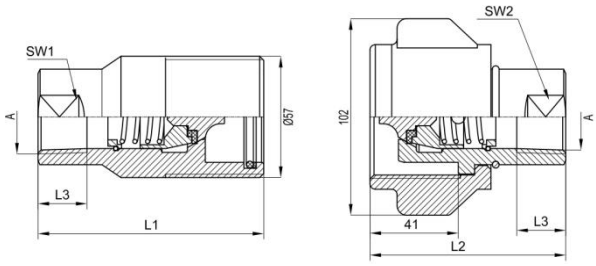
标准尺寸 Nominal size		工作压力 Working pressure	额定流量 Rated flow (ISO)	建议最大流量 Max flow rate	爆破压力 Burst pressure			溢流量 Fluid spillage
					公头 Male	母头 Female	连接 Coupled	
HV	ISO	Mpa	l/min	l/min	Mpa	Mpa	Mpa	cc
HV19	19	35	106	190	75	140	150	8
HV25	25	35	189	280	90	150	160	16
HV31	31.5	35	288	480	85	160	130	31
HV39	40	35	379	700	60	90	120	64
HV50	50	35	757	1000	60	60	110	141
HV63	60	25	800	1100	60	60	110	150
HV75	70	25	1100	1700	60	60	110	430

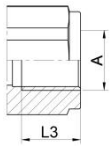
Series HV19 BG1-ISO19



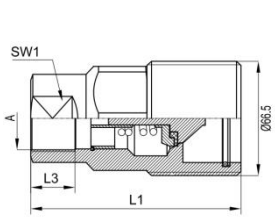
螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
		D	L1	L2	L3	SW1	SW2				
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 3/4		83	72		32	32	HV19-F-34BSP	480	HV19-M-34BSP	840
	NPT 3/4		83	72		32	32	HV19-F-34NPT	480	HV19-M-34NPT	840

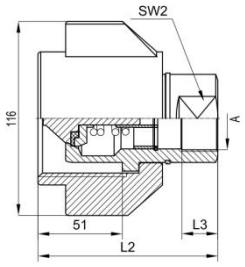
Series HV25 BG2-ISO25

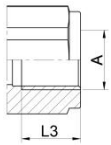


螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
		D	L1	L2	L3	SW1	SW2				
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G1		106	87.5		41.3	41.3	HV25-F-1BSP	1100	HV25-M-1BSP	1145
	NPT1		106	87.5		41.3	41.3	HV25-F-1NPT	1100	HV25-M-1NPT	1145

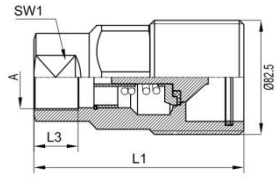
Series HV31 BG3-ISO31.5

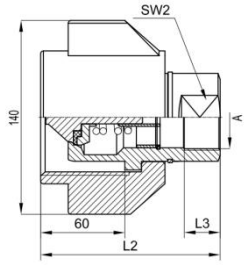


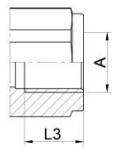


螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G1 1/4		136	113		50.8	50.8	HV31-F-114BSP	1870	HV31-M-114BSP	2530
	NPT1 1/4		136	113		50.8	50.8	HV31-F-114NPT	1870	HV31-M-114NPT	2530

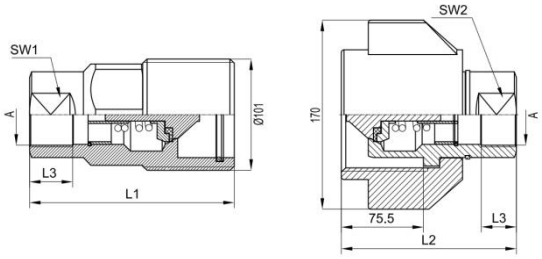
Series HV39 BG4-ISO40

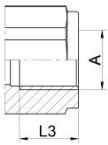




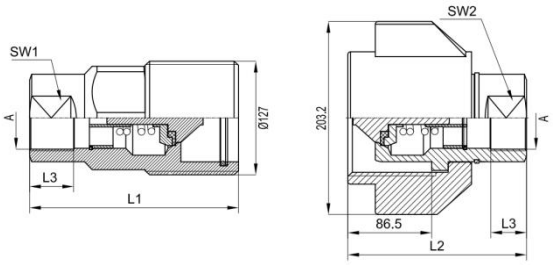
螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 1 1/2		152	130		55	55	HV39-F-112BSP	3100	HV39-M-112BSP	4010
	NPT 1 1/2		152	130		55	55	HV39-F-112NPT	3100	HV39-M-112NPT	4010

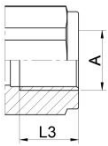
Series HV50 BG5-ISO50



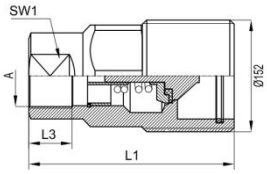
螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 2		179	152.5		75	75	HV50-F-2BSP	5570	HV50-M-2BSP	7935
	NPT 2		179	152.5		75	75	HV50-F-2NPT	5570	HV50-M-2NPT	7935

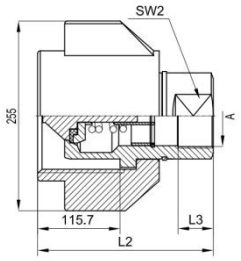
Series HV63 BG6-ISO60

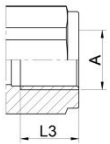


螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 2 1/2		189.5	154.5		95	90	HV63-F-212BSP	22000	HV63-M-212BSP	26400
	NPT 2 1/2		189.5	154.5		95	90	HV63-F-212NPT	22000	HV63-M-212NPT	26400

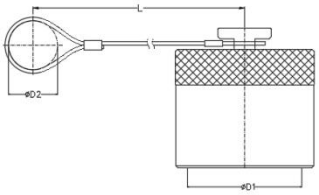
Series HV BG7-ISO75

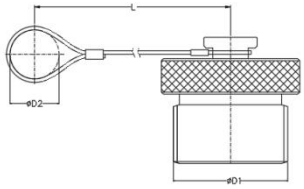




螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body	Weight	Male Tip	Weight
		D	L1	L2	L3	SW1	SW2	Part Numbers	(g)	Part Numbers	(g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 3		294	238		125	110	HV75-F-3BSP	22000	HV75-M-3BSP	26400
	M100x2		294	238		125	110	HV75-F-M100	22000	HV75-M-M100	26400

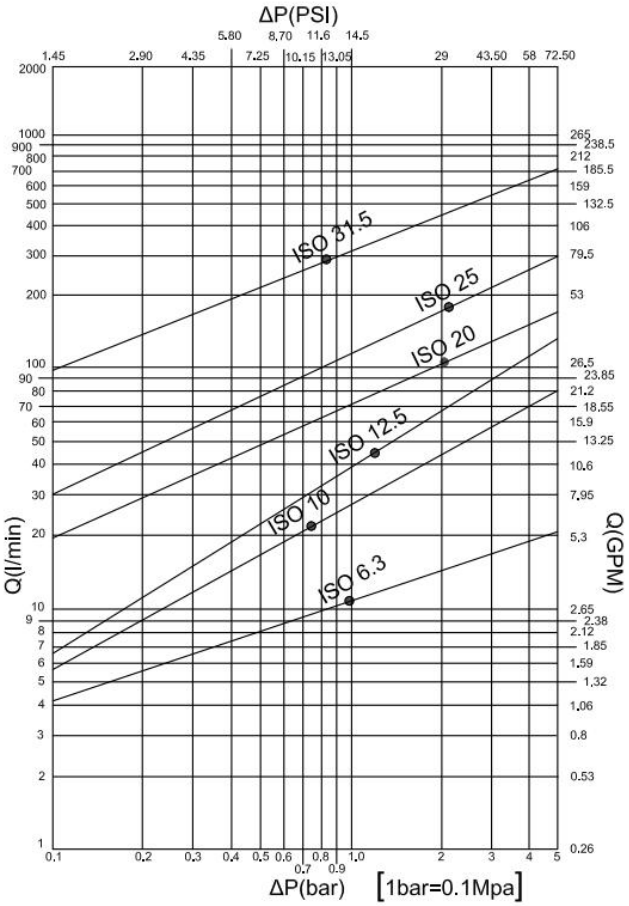
铝帽塞 ALUMINIUM CAPS





型号 Part Numbers	材质 Material	D1 (mm)	D2 (mm)	L (mm)
HV19-0-SI001	铝制带链/Aluminium with chain	44.5		250
HV25-0-SI001	铝制带链/Aluminium with chain	57		250
HV31-0-SI001	铝制带链/Aluminium with chain	66.5		300
HV39-0-SI001	铝制带链/Aluminium with chain	82.5		300
HV50-0-SI001	铝制带链/Aluminium with chain	101		300
HV63-0-SI001	铝制带链/Aluminium with chain	127		300
HV75-0-SI001	铝制带链/Aluminium with chain	152		300

型号 Part Numbers	材质 Material	D1 (mm)	D2 (mm)	L (mm)
HV19-9-SI001	铝制带链/Aluminium with chain	44.5		250
HV25-9-SI001	铝制带链/Aluminium with chain	57		250
HV31-9-SI001	铝制带链/Aluminium with chain	66.5		300
HV39-9-SI001	铝制带链/Aluminium with chain	82.5		300
HV50-9-SI001	铝制带链/Aluminium with chain	101		300
HV63-9-SI001	铝制带链/Aluminium with chain	127		300
HV75-9-SI001	铝制带链/Aluminium with chain	152		300



技术参数：

- 标准：ISO 14541
- 阀系统：锥阀
- 锁紧方式：螺纹锁定
- 可选材质：碳钢
- 表面处理 Zn-Fe(Cr III)
- 可选螺纹：BSP－NPT－SAE－METRICHE
- 标准密封件：NBR
- 工作温度：-25 ° C to+100 ° C /-40 ° C to+100 ° C
- 可选密封件：PU,FKM, EPDM or more
- 工作压力：300-450 bar
- 带压操作：允许带残压操作(公头与母头均可)
- 最大带压操作压力：100bar

Technical data：

- Standard: ISO 14541
- Occlusion: poppet
- Locking: screw
- Material: steel
- Finishing: Zn-Fe (Cr III)
- Threads: BSP – NPT – SAE – METRICHE
- Standard seals: NBR
- Working temperature: -25 °C to+100 °C /-40 °C to+100 ° C
- Optional seals: PU,FKM, EPDM or more
- Working pressure: 300-450 bar
- Connection under pressure: allowed(both male and female)
- Max residual pressure: 100bar

特征：

阀芯的内部设计和使用的高强度材料有助于实现最小压降，提升系统效率。
结构紧凑。
螺纹锁紧可避免钢珠锁定的机械磨损和布氏效应。

Features：

The internal design of the valve and the use of high-strength materials help to achieve a minimum pressure drop and improve system efficiency.
Compact structure.
Threaded locking can prevent mechanical wear and Brinell effect caused by steel ball locking.

应用：

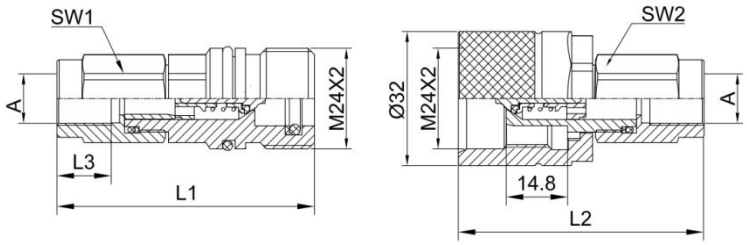
工业、工程机械、农业设备、车辆、能源机械

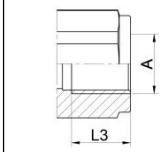
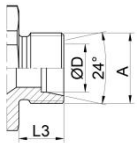
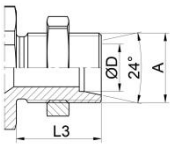
Applications：

Industrial, construction machinery, agricultural equipment, vehicles, energy machinery

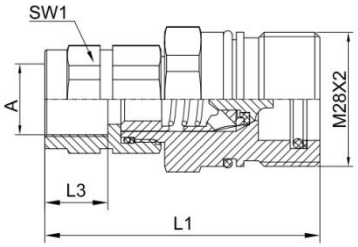
标准尺寸 Nominal size		工作压力 Working pressure	额定流量 Rated flow (ISO)	建议最大流量 Max flow rate	爆破压力 Burst pressure			溢流量 Fluid spillage
					公头 Male	母头 Female	连接 Coupled	
HS	ISO	Mpa	l/min	l/min	Mpa	Mpa	Mpa	cc
HS04	6.3	45	12	24	190	270	250	0.8
HS08	10	40	23	46	130	150	180	1.9
HS10	12.5	40	45	90	126	150	140	2.7
HS12	20	35	106	212	120	130	140	9.3
HS20	25	35	189	378	120	130	140	16
HS25	31.5	35	288	576	100	100	100	30

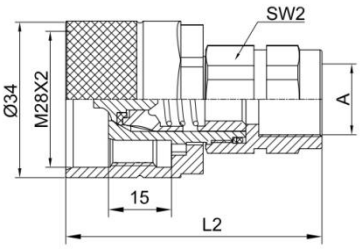
Series HS04 BG1-ISO6.3

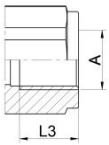
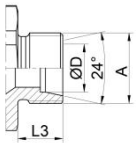
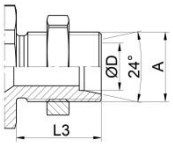


螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm) D	L1	L2	L3	SW1	SW2	Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 1/4		61.7	58.9	13	19	19	HS04-F-14BSP	120	HS04-M-14BSP	182
	NPT 1/4		61.7	58.9	13	19	19	HS04-F-14NPT	120	HS04-M-14NPT	190
外螺纹 24° 锥形 DIN 3861 /Male stud with type W bore (24°) to DIN 3861											
	M14x1.5	8L	58.7	55.9	10	19	19	HS04-F-L0814	123	HS04-M-L0814	182
	M16x1.5	10L	59.7	56.9	11	19	19	HS04-F-L1016	125	HS04-M-L1016	184
	M16x1.5	8S	60.7	57.9	12	19	19	HS04-F-S0816	128	HS04-M-S0816	187
	M18x1.5	10S	60.7	57.9	12	22	22	HS04-F-S1018	136	HS04-M-S1018	195
外螺纹 24° 锥形 DIN 3861 (带隔板) /Male stud with type W bore (24°) to DIN 3861											
	M14x1.5	8L	73.7	70.9	25	19	19	HS04-F-N0814	139	HS04-M-N0814	198
	M16x1.5	10L	74.7	71.9	26	19	19	HS04-F-N1016	145	HS04-M-N1016	203
	M16x1.5	8S	75.7	72.9	27	19	19	HS04-F-T0816	148	HS04-M-T0816	207
	M18x1.5	10S	75.7	72.9	27	22	22	HS04-F-T1018	156	HS04-M-T1018	215

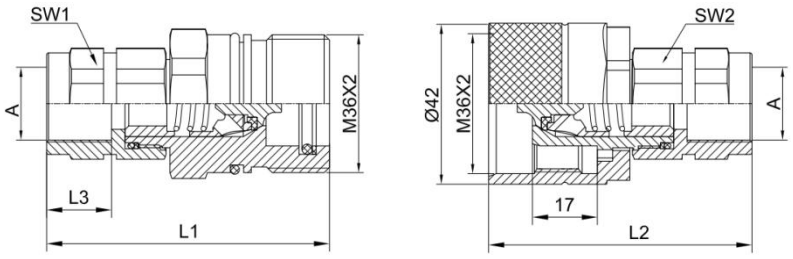
Series HS08 BG2-ISO10

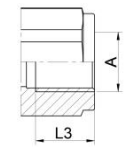
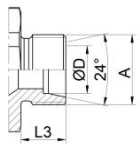
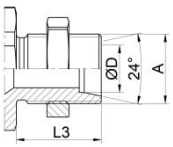




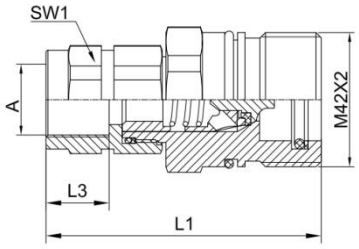
螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm) D	L1	L2	L3	SW1	SW2	Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 1/4		62.8	60.5	13	22	22	HS08-F-14BSP	168	HS08-M-14BSP	178
	NPT 1/4		62.8	60.5	13	22	22	HS08-F-14NPT	170	HS08-M-14NPT	180
	G 3/8		62.8	60.5	13	22	22	HS08-F-38BSP	160	HS08-M-38BSP	170
	NPT 3/8		62.8	60.5	13	22	22	HS08-F-38NPT	162	HS08-M-38NPT	172
外螺纹 24° 锥形 DIN 3861 /Male stud with type W bore (24°) to DIN 3861											
	M14x1.5	8L	60.8	58.5	10	22	22	HS08-F-L0814	144	HS08-M-L0814	158
	M16x1.5	10L	61.8	59.5	11	22	22	HS08-F-L1016	158	HS08-M-L1016	169
	M18x1.5	12L	61.8	59.5	11	22	22	HS08-F-L1218	160	HS08-M-L1218	172
	M16x1.5	8S	62.8	60.5	12	22	22	HS08-F-S0816	163	HS08-M-S0816	174
	M18x1.5	10S	62.8	60.5	12	22	22	HS08-F-S1018	164	HS08-M-S1018	176
	M20x1.5	12S	62.8	60.5	12	22	22	HS08-F-S1220	154	HS08-M-S1220	179
外螺纹 24° 锥形 DIN 3861 (带隔板) /Male stud with type W bore (24°) to DIN 3861											
	M14x1.5	8L	75.8	73.5	25	22	22	HS08-F-N0814	164	HS08-M-N0814	178
	M16x1.5	10L	76.8	74.5	26	22	22	HS08-F-N1016	188	HS08-M-N1016	199
	M18x1.5	12L	76.8	74.5	26	22	22	HS08-F-N1218	190	HS08-M-N1218	301
	M16x1.5	8S	77.8	75.5	27	22	22	HS08-F-T0816	193	HS08-M-T0816	303
	M18x1.5	10S	77.8	75.5	27	22	22	HS08-F-T1018	195	HS08-M-T1018	305
	M20x1.5	12S	77.8	75.5	27	22	22	HS08-F-T1220	185	HS08-M-T1220	295

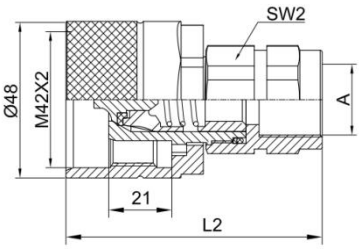
Series HS10 BG3-ISO12.5

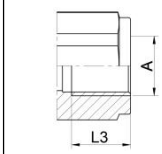
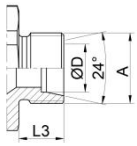
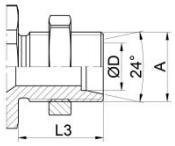


螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm) D	L1	L2	L3	SW1	SW2	Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 3/8		72.1	67	13	27	27	HS10-F-38BSP	312	HS10-M-38BSP	261
	NPT 3/8		72.1	67	13	27	27	HS10-F-38NPT	286	HS10-M-38NPT	264
	G 1/2		74.1	69	16	27	27	HS10-F-12BSP	292	HS10-M-12BSP	270
	NPT 1/2		74.1	69	16	27	27	HS10-F-12NPT	296	HS10-M-12NPT	274
外螺纹 24° 锥形 DIN 3861 /Male stud with type W bore (24°) to DIN 3861											
	M16x1.5	10L	68.8	63.7	11	27	27	HS10-F-L1016	283	HS10-M-L1016	261
	M18x1.5	12L	68.8	63.7	11	27	27	HS10-F-L1218	286	HS10-M-L1218	264
	M22x1.5	15L	68.8	63.7	12	27	27	HS10-F-L1522	290	HS10-M-L1522	268
	M26x1.5	18L	69.8	64.7	12	30	30	HS10-F-L1826	286	HS10-M-L1826	264
	M18x1.5	10S	69.8	64.7	12	27	27	HS10-F-S1018	290	HS10-M-S1018	268
	M20x1.5	12S	69.8	64.7	12	27	27	HS10-F-S1220	293	HS10-M-S1220	271
	M22x1.5	14S	71.8	66.7	14	27	27	HS10-F-S1422	296	HS10-M-S1422	274
	M24x1.5	16S	71.8	66.7	14	30	30	HS10-F-S1624	300	HS10-M-S1624	278
	M30x2	20S	73.8	68.7	16	36	36	HS10-F-S2030	306	HS10-M-S2030	284
外螺纹 24° 锥形 DIN 3861 (带隔板) /Male stud with type W bore (24°) to DIN 3861											
	M16x1.5	10L	83.8	78.7	26	27	27	HS10-F-N1016	308	HS10-M-N1016	286
	M18x1.5	12L	87.8	82.7	30	27	27	HS10-F-N1218	311	HS10-M-N1218	289
	M22x1.5	15L	83.8	78.7	27	27	27	HS10-F-N1522	315	HS10-M-N1522	293
	M26x1.5	18L	84.8	79.7	27	30	30	HS10-F-N1826	311	HS10-M-N1826	289
	M18x1.5	10S	84.8	79.7	27	27	27	HS10-F-T1018	316	HS10-M-T1018	294
	M20x1.5	12S	84.8	79.7	27	27	27	HS10-F-T1220	318	HS10-M-T1220	297
	M22x1.5	14S	86.8	81.7	29	27	27	HS10-F-T1422	322	HS10-M-T1422	301
	M24x1.5	16S	86.8	81.7	29	30	30	HS10-F-T1624	326	HS10-M-T1624	305
	M30x2	20S	91.8	86.7	34	36	36	HS10-F-T2030	332	HS10-M-T2030	310

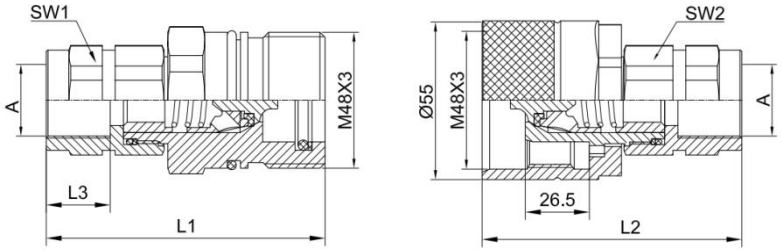
Series HS12 BG4-ISO20

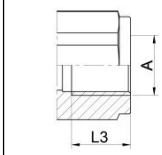
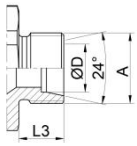
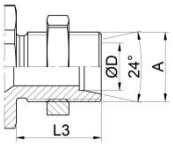




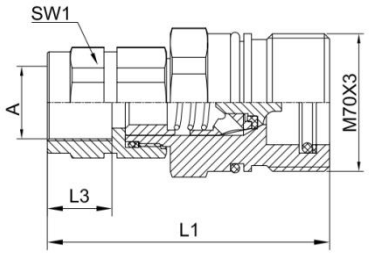
螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm) D	L1	L2	L3	SW1	SW2	Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 1/2		87.5	78	16	36	36	HS12-F-12BSP	526	HS12-M-12BSP	490
	NPT 1/2		87.5	78	16	36	36	HS12-F-12NPT	550	HS12-M-12NPT	476
	G 3/4		89.5	80	18	36	36	HS12-F-34BSP	636	HS12-M-34BSP	480
	NPT 3/4		89.5	80	18	36	36	HS12-F-34NPT	642	HS12-M-34NPT	495
外螺纹 24° 锥形 DIN 3861 /Male stud with type W bore (24°) to DIN 3861											
	M18x1.5	12L	82	72.5	11	36	36	HS12-F-L1218	474	HS12-M-L1218	402
	M22x1.5	15L	83	73.5	12	36	36	HS12-F-L1522	480	HS12-M-L1522	408
	M26x1.5	18L	83	73.5	12	36	36	HS12-F-L1826	492	HS12-M-L1826	420
	M30x2	22L	85	75.5	14	36	36	HS12-F-L2230	504	HS12-M-L2230	432
	M24x1.5	16S	85	75.5	14	36	36	HS12-F-S1624	486	HS12-M-S1624	414
	M30x2	20S	87	77.5	16	36	36	HS12-F-S2030	512	HS12-M-S2030	440
外螺纹 24° 锥形 DIN 3861 (带隔板) /Male stud with type W bore (24°) to DIN 3861											
	M18x1.5	12L	97	87.5	26	36	36	HS12-F-N1218	486	HS12-M-N1218	414
	M22x1.5	15L	98	88.5	27	36	36	HS12-F-N1522	492	HS12-M-N1522	422
	M26x1.5	18L	98	88.5	27	36	36	HS12-F-N1826	504	HS12-M-N1826	434
	M30x2	22L	107	97.5	36	36	36	HS12-F-N2230	516	HS12-M-N2230	447
	M24x1.5	16S	100	90.5	29	36	36	HS12-F-T1624	498	HS12-M-T1624	426
	M30x2	20S	107	97.5	36	36	36	HS12-F-T2030	524	HS12-M-T2030	442

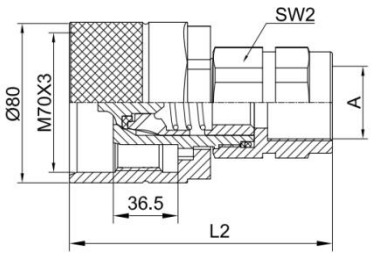
Series HS20 BG5-ISO25

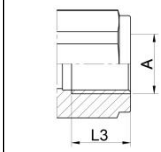
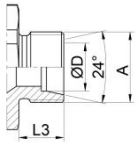
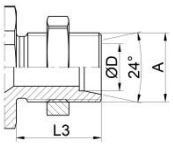


螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm) D	L1	L2	L3	SW1	SW2	Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 3/4		105.6	88.4	18	41	41	HS20-F-34BSP	803	HS20-M-34BSP	625
	NPT 3/4		105.6	88.4	18	41	41	HS20-F-34NPT	810	HS20-M-34NPT	631
	G 1		105.6	88.4	20	41	41	HS20-F-1BSP	780	HS20-M-1BSP	601
	NPT 1		105.6	88.4	20	41	41	HS20-F-1NPT	780	HS20-M-1NPT	601
	G 114		107.6	90.4	22	50	50	HS20-F-114BSP	792	HS20-M-114BSP	614
外螺纹 24° 锥形 DIN 3861 /Male stud with type W bore (24°) to DIN 3861											
	M26x1.5	18L	97.6	80.4	12	41	41	HS20-F-L1826	715	HS20-M-L1826	622
	M30x2	22L	99.6	82.4	14	41	41	HS20-F-L2230	719	HS20-M-L2230	628
	M36x2	28L	99.6	82.4	14	41	41	HS20-F-L2836	724	HS20-M-L2836	634
	M30x2	20S	101.6	84.4	16	41	41	HS20-F-S2030	737	HS20-M-S2030	645
	M36x2	25S	103.6	86.4	18	41	41	HS20-F-S2536	757	HS20-M-S2536	665
	M42x2	30S	105.6	88.4	20	50	50	HS20-F-S3042	772	HS20-M-S3042	671
外螺纹 24° 锥形 DIN 3861 (带隔板) /Male stud with type W bore (24°) to DIN 3861											
	M26x1.5	18L	117.6	100.1	32	41	41	HS20-F-N1826	765	HS20-M-N1826	671
	M30x2	22L	119.6	102.4	34	41	41	HS20-F-N2230	769	HS20-M-N2230	677
	M36x2	28L	119.6	102.4	34	41	41	HS20-F-N2836	764	HS20-M-N2836	683
	M30x2	20S	123.6	106.4	38	41	41	HS20-F-T2030	776	HS20-M-T2030	695
	M36x2	25S	123.6	106.4	38	41	41	HS20-F-T2536	798	HS20-M-T2536	714
	M42x2	30S	125.6	108.4	40	50	50	HS20-F-T3042	813	HS20-M-T3042	727

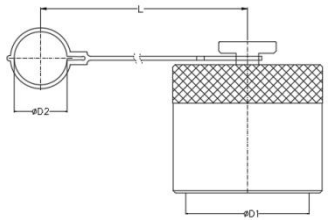
Series HS25 BG6-ISO31.5

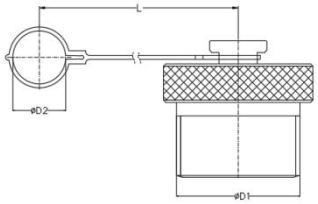




螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm) D	L1	L2	L3	SW1	SW2	Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G1 1/4		125	122.5	22	65	65	HS25-F-114BSP	1630	HS25-M-114BSP	2329
	G1 1/2		128	125.5	24	65	65	HS25-F-112BSP	1715	HS25-M-112BSP	2260
外螺纹 24° 锥形 DIN 3861 /Male stud with type W bore (24°) to DIN 3861											
	M36x2	28L	119	116.5	14	65	65	HS25-F-L2836	1620	HS25-M-L2836	2150
	M45x2	35L	121	118.5	16	65	65	HS25-F-L3545	1642	HS25-M-L3545	2172
	M52x2	42L	121	118.5	16	65	65	HS25-F-L4252	1651	HS25-M-L4252	2182
	M42x2	30S	125	122.5	20	65	65	HS25-F-S3042	1664	HS25-M-S3042	2195
	M52x2	38S	127	124.5	22	65	65	HS25-F-S3852	1673	HS25-M-S3852	2202
外螺纹 24° 锥形 DIN 3861 (带隔板) /Male stud with type W bore (24°) to DIN 3861											
	M36x2	28L	140	137.5	34	65	65	HS25-F-N2836	1772	HS25-M-N2836	2302
	M45x2	35L	141	138.5	36	65	65	HS25-F-N3545	1792	HS25-M-N3545	2322
	M52x2	42L	141	138.5	36	65	65	HS25-F-N4252	1802	HS25-M-N4252	2331
	M42x2	30S	145	142.5	40	65	65	HS25-F-T3042	1815	HS25-M-T3042	2344
	M52x2	38S	145	142.5	40	65	65	HS25-F-T3852	1824	HS25-M-T3852	2353

塑料帽塞 PLASTIC CAPS

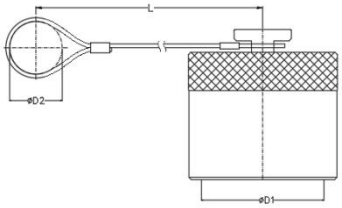


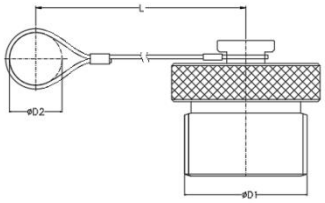


型号 Part Numbers	材质 Material	D1 (mm)	D2 (mm)	L (mm)	重量 g
HS04-0-RT001	塑料(红)/Plastic（Red）	M24*2		190	
HS08-0-RT001	塑料(红)/Plastic（Red）	M28*2		190	13.5
HS10-0-RT001	塑料(红)/Plastic（Red）	M36*2		190	13.5
HS12-0-RT001	塑料(红)/Plastic（Red）	M42*2		190	15
HS20-0-RT001	塑料(红)/Plastic（Red）	M48*3		190	29.5
HS25-0-RT001	塑料(红)/Plastic（Red）	M70*3		190	

型号 Part Numbers	材质 Material	D1 (mm)	D2 (mm)	L (mm)	重量 g
HS04-9-RT001	塑料(红)/Plastic（Red）	M24*2		190	
HS08-9-RT001	塑料(红)/Plastic（Red）	M28*2		190	13.5
HS10-9-RT001	塑料(红)/Plastic（Red）	M36*2		190	18.5
HS12-9-RT001	塑料(红)/Plastic（Red）	M42*2		190	
HS20-9-RT001	塑料(红)/Plastic（Red）	M48*3		190	26
HS25-9-RT001	塑料(红)/Plastic（Red）	M70*3		190	

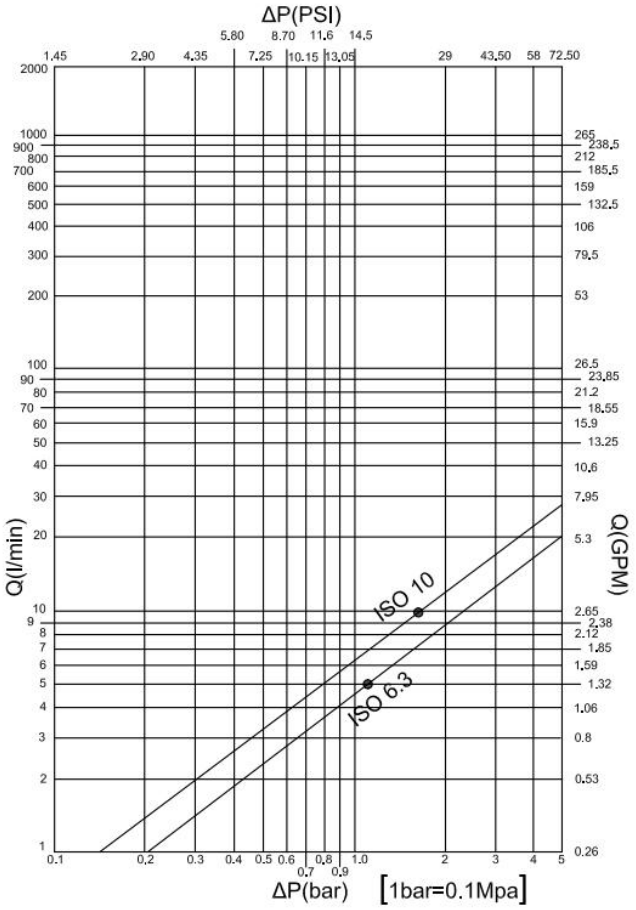
铝帽塞 ALUMINIUM CAPS





型号 Part Numbers	材质 Material	D1 (mm)	L (mm)	重量 g
HS04-0-SI001	铝制带链/Aluminium with chain	M24*2	250	37.3
HS08-0-SI001	铝制带链/Aluminium with chain	M28*2	250	39
HS10-0-SI001	铝制带链/Aluminium with chain	M36*2	300	54
HS12-0-SI001	铝制带链/Aluminium with chain	M42*2	300	64
HS20-0-SI001	铝制带链/Aluminium with chain	M48*3	300	79
HS25-0-SI001	铝制带链/Aluminium with chain	M70*3	300	236

型号 Part Numbers	材质 Material	D1 (mm)	L (mm)	重量 g
HS04-9-SI001	铝制带链/Aluminium with chain	M24*2	250	32
HS08-9-SI001	铝制带链/Aluminium with chain	M28*2	250	36
HS10-9-SI001	铝制带链/Aluminium with chain	M36*2	300	56
HS12-9-SI001	铝制带链/Aluminium with chain	M42*2	300	81
HS20-9-SI001	铝制带链/Aluminium with chain	M48*3	300	89
HS25-9-SI001	铝制带链/Aluminium with chain	M70*3	300	209



技术参数：

- 阀系统：锥阀
- 锁紧方式：螺纹锁定
- 可选材质：碳钢
- 表面处理 Zn-Fe (Cr III)
- 可选螺纹：BSP－NPT
- 标准密封件：NBR,PU
- 工作温度：-25 ° C to+100 ° C
- 可选密封件：FKM, EPDM or more
- 工作压力：700 bar
- 带压操作：允许带残压操作(公头与母头均可)
- 最大带压操作压力：100bar

Technical data：

- Occlusion: poppet
- Locking: screw
- Material: steel
- Finishing: Zn-Fe (Cr III)
- Threads: BSP – NPT
- Standard seals: NBR,PU
- Working temperature: -25 °C to+100 °C
- Optional seals: FKM, EPDM or more
- Working pressure: 700 bar
- Connection under pressure: allowed(both male and female)
- Max residual pressure: 100bar

特征：

阀芯的内部设计和使用的高强度材料有助于实现最小压降，提升系统效率。
螺纹锁紧可避免钢珠锁定的机械磨损和布氏效应。
结构紧凑。
可适用高压工况。

Features：

The internal design of the valve and the use of high-strength materials help to achieve a minimum pressure drop and improve system efficiency.
Threaded locking can prevent mechanical wear and Brinell effect caused by steel ball locking.
Compact structure.
Suitable for high pressure conditions.

应用：

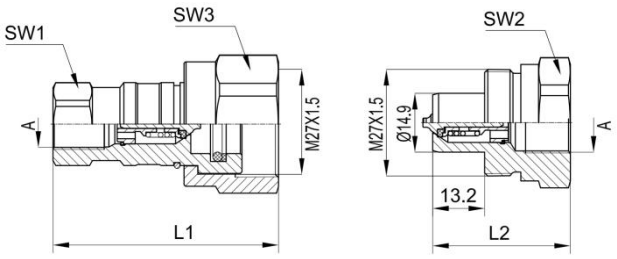
工业、桥梁设备、液压工具

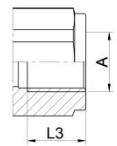
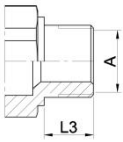
Applications：

Industrial, bridge equipment, hydraulic tool

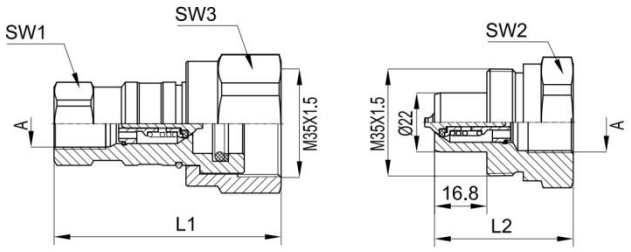
标准尺寸 Nominal size		工作压力 Working pressure	额定流量 Rated flow (ISO)	建议最大流量 Max flow rate	爆破压力 Burst pressure			溢流量 Fluid spillage
					公头 Male	母头 Female	连接 Coupled	
HTS	ISO	Mpa	l/min	l/min	Mpa	Mpa	Mpa	cc
HTS06	6.3	70	5	10	270	200	220	0.2
HTS13	12.5	70	12	24	280	300	330	0.8

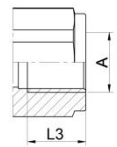
Series HTS06 BG1-ISO6.3



螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm) D	L1	L2	SW1	SW2	SW3	Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 1/4		57	35	19	30	32	HTS06-F-14BSP	149	HTS06-M-14BSP	90
	NPT 1/4		57	35	19	30	32	HTS06-F-14NPT	150	HTS06-M-14NPT	91
	G 3/8		59	35	22	30	32	HTS06-F-38BSP	176	HTS06-M-38NPT	116
	NPT 3/8		59	35	22	30	32	HTS06-F-38NPT	178	HTS06-M-38NPT	117
外螺纹 ANSI B1.20.1 /Male Threads ANSI B1.20.1											
	NPT 1/4		57		19		32	HTS06-F-14ANF	131		

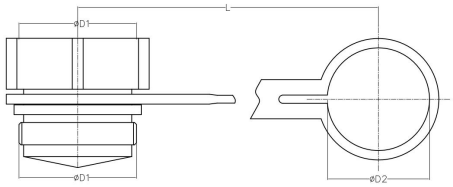
Series HTS13 BG2-ISO12.5

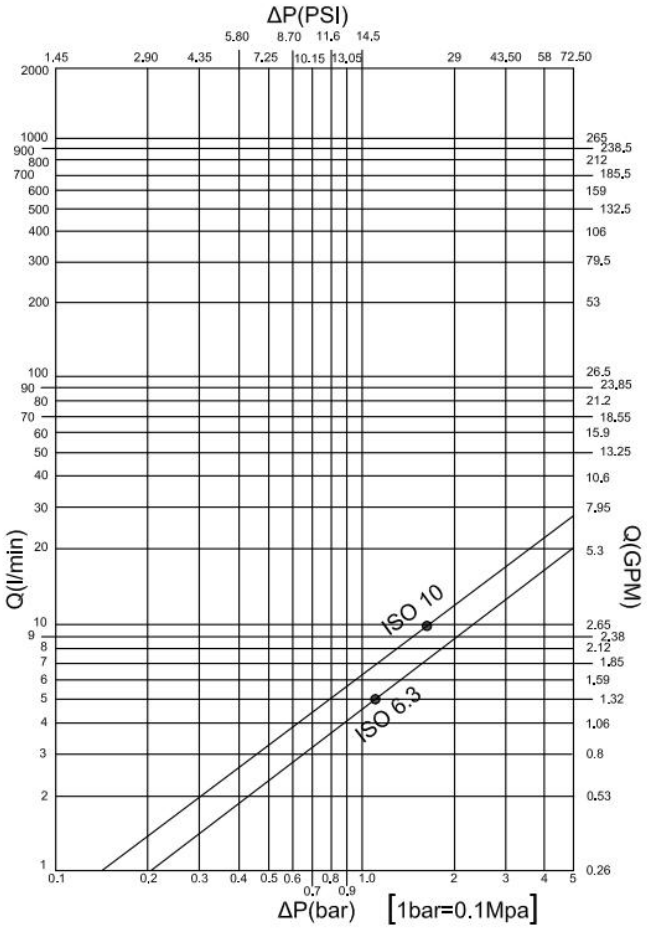


螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm) D	L1	L2	SW1	SW2	SW3	Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 1/2		76	48	27	36	41	HTS13-F-12BSP		HTS13-M-12BSP	
	NPT 1/2		76	48	27	36	41	HTS13-F-12NPT		HTS13-M-12NPT	

塑料帽塞 PLASTIC CAPS

型号 Part Numbers	材质 Material	D1 (mm)	D2 (mm)	L (mm)	重量 g
HTS06-0/9-RT001	塑料(红)/Plastic （Red）	M27*1.5	22.2	105	4.5
HTS13-0/9-RT001	塑料(红)/Plastic （Red）	M35*1.5	26.2	105	7





技术参数：

- 标准：ISO 14540
- 阀系统：锥阀 、钢球
- 锁紧方式：螺纹锁定
- 可选材质：碳钢
- 表面处理 Zn-Fe (Cr III)
- 可选螺纹：BSP - NPT
- 标准密封件：NBR
- 工作温度：-25 ° C to+100 ° C
- 可选密封件：FKM, EPDM or more
- 工作压力：700 bar
- 带压操作：允许带残压操作(公头与母头均可)
- 最大带压操作压力：100bar

Technical data:

- Standard: ISO 14540
- Occlusion: poppet,ball
- Locking: screw
- Material: steel,
- Finishing: Zn-Fe (Cr III)
- Threads: BSP – NPT
- Standard seals: NBR
- Working temperature: -25 °C to +100 °C
- Optional seals: FKM, EPDM or more
- Working pressure: 700 bar
- Connection under pressure: allowed(both male and female)
- Max residual pressure: 100bar

特征：

阀芯的内部设计和使用的高强度材料有助于实现最小压降，提升系统效率。
螺纹锁紧可避免钢珠锁定的机械磨损和布氏效应。
结构紧凑。
可适用高压工况。

Features:

The internal design of the valve and the use of high-strength materials help to achieve a minimum pressure drop and improve system efficiency.
Threaded locking can prevent mechanical wear and Brinell effect caused by steel ball locking.
Compact structure.
Suitable for high pressure conditions.

应用：

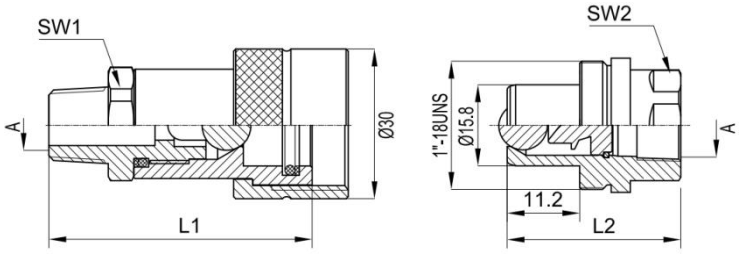
工业、桥梁设备、液压工具

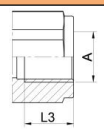
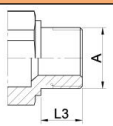
Applications:

Industrial, bridge equipment, hydraulic tool

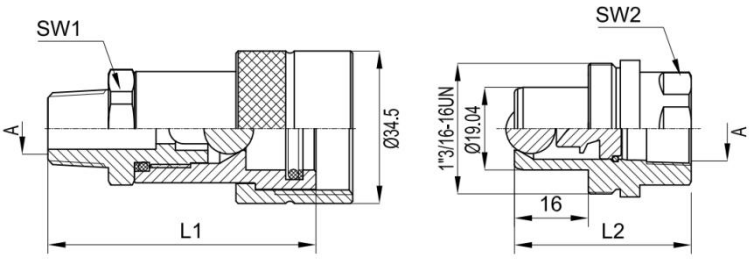
标准尺寸 Nominal size		工作压力 Working pressure	额定流量 Rated flow (ISO)	建议最大流量 Max flow rate	爆破压力 Burst pressure			溢流量 Fluid spillage
					公头 Male	母头 Female	连接 Coupled	
HBS	ISO	Mpa	l/min	l/min	Mpa	Mpa	Mpa	cc
HBS06	6.3	70	5	10	270	200	220	0.2
HBS10	10	70	9	20	280	300	330	0.6

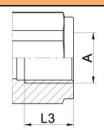
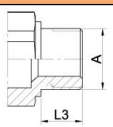
Series HBS06 BG1-ISO6.3



螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
		D	L1	L2	L3	SW1	SW2				
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	NPT 1/4		56	39		22	19	HBS06-F-14NPT	162	HBS06-M-14NPT	120
外螺纹 ANSI B1.20.1 /Male Threads ANSI B1.20.1											
	NPT 1/8		49	54		22	19	HBS06-F-18ANF	130	HBS06-M-18ANF	112
	NPT 1/4		53	58		22	19	HBS06-F-14ANF	142	HBS06-M-14ANF	120

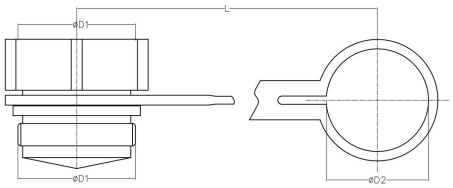
Series HBS10 BG2-ISO10



螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
		D	L1	L2	L3	SW1	SW2				
内螺纹 DIN 3852 /ANSI B1.20.1 /Female Thread DIN 3852 /ANSI B1.20.1											
	G 3/8		62	40.9		24	24	HBS10-F-38BSP	249	HBS10-M-38BSP	144
	NPT 3/8		62	40.9		24	24	HBS10-F-38NPT	250	HBS10-M-38NPT	145
外螺纹 ANSI B1.20.1 /Male Threads ANSI B1.20.1											
	NPT 3/8		62			24		HBS10-F-38ANF	165		

塑料帽塞 PLASTIC CAPS

型号 Part Numbers	材质 Material	D1 (mm)	D2 (mm)	L (mm)	重量 g
HBS06-0/9-RT001	塑料(红)/Plastic （Red）	1-18UNS	22.2	105	7.5
HBS10-0/9-RT001	塑料(红)/Plastic （Red）	1 3/16-16UN	26.2	105	10



技术参数：

- 阀系统：无阀芯
- 锁紧方式 ：钢球锁定
- 可选材质：碳钢
- 表面处理：QPQ 处理
- 可选螺纹：RC - METRICHE
- 标准密封件：NBR
- 工作温度：-25 ° C to+100 ° C
- 可选密封件：FKM, EPDM or more
- 工作压力：400 bar
- 带压操作：不允许

Technical data：

- Occlusion: free flow
- Locking: radial balls
- Material: steel,
- Finishing: Quench—Polish—Quench
- Threads: BSP – NPT
- Standard seals: NBR
- Working temperature: -25 °C to+100 °C
- Optional seals: FKM, EPDM or more
- Working pressure: 400 bar
- Connection under pressure: not allowed

特征：

阀内部结构简单。
结构紧凑。
表面 QPQ 处理，更耐磨和耐腐蚀

Features：

The internal structure of the valve is simple.
Compact structure.
Surface QPQ treatment, provides better wear resistance and corrosion resistance.

应用：

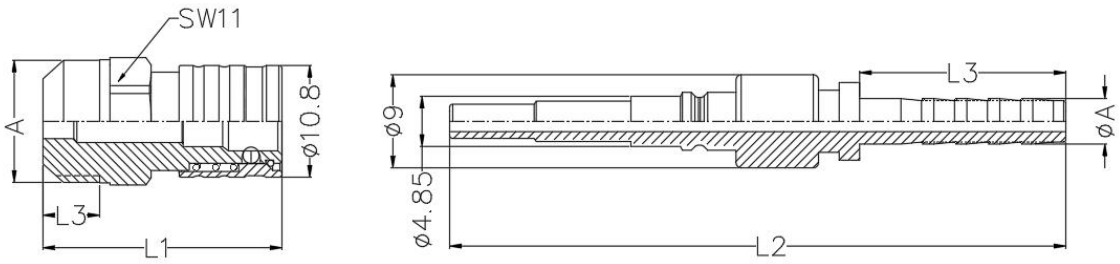
汽车驾驶室

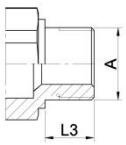
Applications：

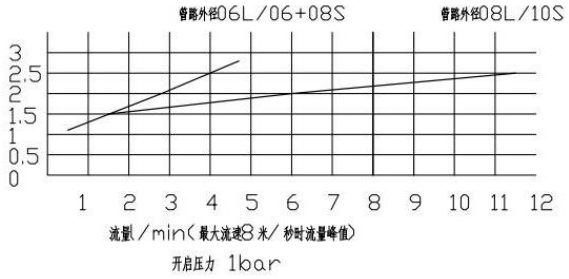
Cab

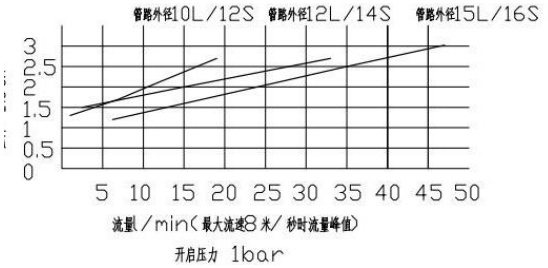
标准尺寸 Nominal size		工作压力 Working pressure	额定流量 Rated flow （ISO）	建议最大流量 Max flow rate	爆破压力 Burst pressure			溢流量 Fluid spillage
					公头 Male	母头 Female	连接 Coupled	
CS	ISO	Mpa	l/min	l/min	Mpa	Mpa	Mpa	cc
CS04	2	40	1.3				120	

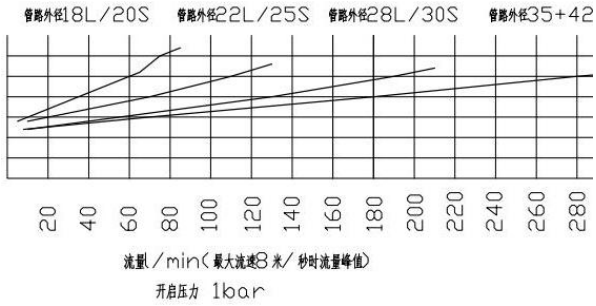
Series CS04 BG1-ISO2



螺纹	A 油口	尺寸						母头	重量	公头	重量
THREADS	Port A	Dimensions(mm)						Female Body Part Numbers	Weight (g)	Male Tip Part Numbers	Weight (g)
		D	L1	L2	L3	SW1	SW2				
外螺纹 DIN 3852/ISO 6149-2 /Male Thread DIN 3852/ISO 6149-2											
	M12X1		23.2	59.8	5.5	11		CS04-F-AM012	13	CS04-M-04	9
	RC 1/8		26.2	59.8	9.5	11		CS04-F-18RC	13	CS04-M-04	9







技术参数：

- 阀系统：锥阀芯
- 开启压力:1bar/14.5PSI
- 可选材质：碳钢、不锈钢（可选）
- 阀芯：42CrMo
- 可选螺纹：METRICHE
- 标准密封件：NBR
- 工作温度：-25 ° C to+100 ° C
- 可选密封件：FKM, EPDM or more
- 工作压力：250-400 bar
- 介质:液压油，润滑油，燃料油

Technical data：

- Occlusion: poppet
- Open pressure: 1bar/14.5PSI
- Material: Carbon steel ,stainless steel (Optional)
- Valve core:42CrMo
- Threads: METRICHE
- Standard seals: NBR
- Working temperature: -25 °C to+100 °C
- Optional seals: FKM, EPDM or more
- Working pressure: 250-400 bar
- Medium:Hydraulic oil,lubrication oil, fuel oil

特征：

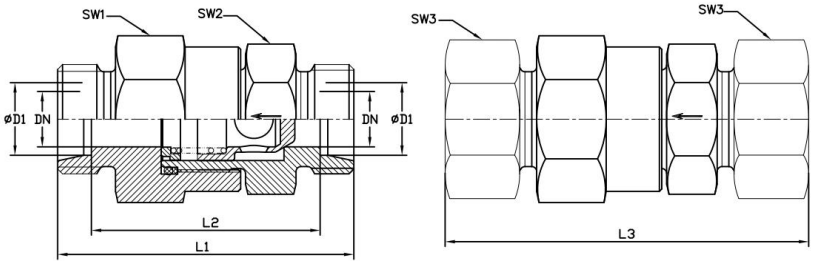
阀芯的内部设计有助于实现最小压降，提升系统效率。
结构紧凑。
阀芯经过热处理，有助于防止因撞击、冲击和磨损而引起的损坏。
阀芯全钢结构，内部密封圈或垫片磨损。

Features：

The internal design of the valve help to achieve minimum pressure drop and improve system efficiency.
Compact structure.
The spool is heat treated to help prevent damage caused by impact, shock and wear.
Spool all steel structure, internal seal ring or gasket wear.

Series CV 直通单向阀

EO 24° 锥



系列 (Series)	型号 (Model)	PN （bar）	钢管外径 (Outer Diameter Pipe) D1	尺寸 Dimensions(mm)							重量 Weight
				DN	L1	L2	L3	S1	S2	S3	(g)
外螺纹 24° 锥形 DIN 3861 /Male stud with type W bore (24°) to DIN 3861											
L	CV06L	400	6	3.5	43	29	58	17	17	14	46
	CV08L	400	8	5.5	44	30	59	19	19	17	61
	CV10L	400	10	7.5	55	40.5	69.5	24	22	19	104
	CV12L	400	12	9.5	58	43.5	72.5	30	27	22	166
	CV15L	400	15	11	62	47.5	77.5	32	27	27	192
	CV18L	400	18	14	67	51.5	83.5	41	36	32	292
	CV22L	250	22	18	77	61.5	93.5	46	41	36	472
	CV28L	250	28	23	85	69.5	102.5	55	50	41	746
	CV35L	250	35	29	96	74.5	117.5	65	60	50	1062
	CV42L	250	42	29	96	74	119	70	65	60	1518
S	CV06S	420	6	3.5	48.5	34.5	63.5	19	19	17	70
	CV08S	420	8	3.5	48.5	34.5	63.5	19	19	19	74
	CV10S	420	10	5.5	55.5	40.5	72.5	24	22	22	121
	CV12S	420	12	7.5	57.5	42.5	74.5	27	24	24	148
	CV14S	420	14	9.5	64	47.5	82.5	32	27	27	218
	CV16S	420	16	11	68	50.5	86.5	36	32	30	286
	CV20S	420	20	15	76	54.5	97.5	50	41	36	506
	CV25S	420	25	19	83	58.5	106.5	55	46	46	639
	CV30S	250	30	24	97	69.5	122.5	60	60	50	1157
	CV38S	250	38	29	108	75.5	136.5	70	65	60	1650

材质 316 不锈钢型号为 CVX, 如 CVX10L

The item of material stainless steel316 is CVX,such as CVX10L

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