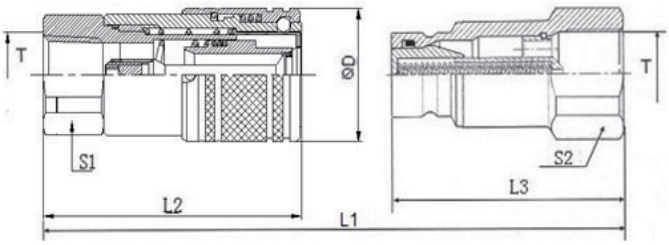
WQF Series
ISO 16028 Flat face



Product Features
产品特征

- Materials: zinc-plated carbon steel body
  材质：碳钢，表面镀环保锌
- Seals: standard in nitrile NBR. On request FKM,EPDM and VMQ seals
  密封件：以 NBR 为标准
- Back-up ring: in pure Teflon
  挡圈：铁氟龙
- Working temperature: with standard seals -25°C + 125°C
  工作温度：在标准 NBR 范围内，承受 -25°C + 125°C 的温度

Nominal size 公称通径	L1	L2	L3	ØD	S1	S2	T	COD.(F) 母接头编号	COD.(M) 公接头编号
6.3	100	58.5	53.3	28	22	22	1/4"BSP	WQF-04F-B04F	WQF-04M-B04F
							1/4"NPT	WQF-04F-N04F	WQF-04M-N04F
					24	24	3/8"BSP	WQF-04F-B06F	WQF-04M-B06F
							3/8"NPT	WQF-04F-N06F	WQF-04M-N06F
10	121	73.5	61.2	32	27	27	3/8"BSP	WQF-06F-B06F	WQF-06M-B06F
							3/8"NPT	WQF-06F-N06F	WQF-06M-N06F
							1/2"BSP	WQF-06F-B08F	WQF-06M-B08F
							1/2"NPT	WQF-06F-N08F	WQF-06M-N08F
12.5	143.5	73.4	74	38	32	32	1/2"BSP	WQF-08F-B08F	WQF-08M-B08F
							1/2"NPT	WQF-08F-N08F	WQF-08M-N08F
					36	36	3/4"BSP	WQF-08F-B12F	WQF-08M-B12F
							3/4"NPT	WQF-08F-N12F	WQF-08M-N12F
20	154	95	87	48	41	41	3/4"BSP	WQF-12F-B12F	WQF-12M-B12F
							3/4"NPT	WQF-12F-N12F	WQF-12M-N12F
	160	95	87				1"BSP	WQF-12F-B16F	WQF-12M-B16F
							1"NPT	WQF-12F-N16F	WQF-12M-N16F
25	177	109.5	92	55	50	50	1"BSP	WQF-16F-B16F	WQF-16M-B16F
							1"NPT	WQF-16F-N16F	WQF-16M-N16F
							1-1/4"BSP	WQF-16F-B20F	WQF-16M-B20F
							1-1/4"NPT	WQF-16F-N20F	WQF-16M-N20F

Powering Business Worldwide

WQF Couplings are designed for minimal spillage during connection and disconnection. They achieve the best results in all fields where the care of environment is required. Flat faced couplings are particularly suitable for agricultural, factory and industrial applications.

WQF快换接头：无滴漏，防沙尘污染，防碰撞变形，单手操作，连接力小，带安全自锁，连接时可防空气进入液压系统中。广泛应用在农业，工厂及工业等领域。

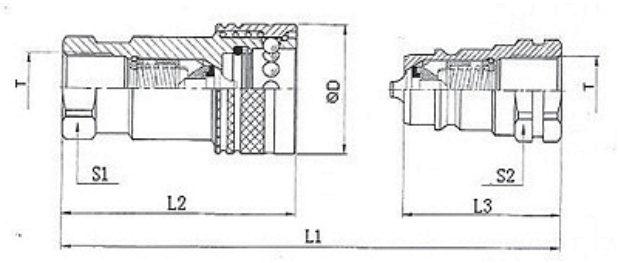
Technical Data
技术参数

Nominal size 公称通径	Max.working pressure 最大工作压力	Rated flow 额定流量	Min burst pressure 最小爆破压力 Male 公接头	Female 母接头	Coupled 连接	Fluid spillage 泄漏量
ISO	(bar)	(l/m)	(bar)	(bar)	(bar)	(cc)
6.3	315	12	1260	1260	1260	0.02
10	250	23	1000	1000	1000	0.035
12.5	250	45	1000	1000	1000	0.07
20	250	100	1000	1100	1400	0.15
25	200	189	800	800	800	0.25

Accessories
附件

Nominal size 公称通径	Female dust plug 母接头保护塞	Male dust cap 公接头保护帽	Colour 颜色	Material 材质
6.3	WQF-04F-PVC	WQF-04M-PVC	Red/ 红	Plastic 塑料
10	WQF-06F-PVC	WQF-06M-PVC	Red/ 红	Plastic 塑料
12.5	WQF-08F-PVC	WQF-08M-PVC	Red/ 红	Plastic 塑料
20	WQF-12F-PVC	WQF-12M-PVC	Red/ 红	Plastic 塑料
25	WQF-16F-PVC	WQF-16M-PVC	Red/ 红	Plastic 塑料

WQA Series
ISO 7241-1A



Product Features
产品特征

- Materials: zinc-plated carbon steel body
  材质：碳钢，表面镀环保锌
- Valve: Poppet Type
  阀芯：针阀
- Back-up ring: in pure Teflon
  挡圈：铁氟龙
- Seals: standard in nitrile NBR
  密封件：以 NBR 为标准
- Working temperature: with standard seals -25°C + 125°C
  工作温度：在标准 NBR 范围内，承受 -25°C + 125°C 的温度

Nominal size 公称通径	L1	L2	L3	ØD	S1	S2	T	P/N.(F) 母接头型号	P/N.(M) 公接头型号
6.3	70	49	35	26.2	19	19	1/4" BSP	WQA-04F-B04F	WQA-04M-B04F
							1/4" NPT	WQA-04F-N04F	WQA-04M-N04F
10	85	60.5	42.5	31	22	22	3/8" BSP	WQA-06F-B06F	WQA-06M-B06F
							3/8" NPT	WQA-06F-N06F	WQA-06M-N06F
12.5	94	68.5	46.5	38	27	27	1/2" BSP	WQA-08F-B08F	WQA-08M-B08F
							1/2" NPT	WQA-08F-N08F	WQA-08M-N08F
							3/4" UNF	WQA-08F-O08F	WQA-08M-O08F
							M22*1.5	WQA-08F-M22F	WQA-08M-M22F
20	115	85	57.5	46	34	34	3/4" BSP	WQA-12F-B12F	WQA-12M-B12F
							3/4" NPT	WQA-12F-N12F	WQA-12M-N12F
25	131.5	99.5	65.5	52	41	41	1" BSP	WQA-16F-B16F	WQA-16M-B16F
							1" NPT	WQA-16F-N16F	WQA-16M-N16F
31.5	148	116	74	70	50	50	1-1/4" BSP	WQA-20F-B20F	WQA-20M-B20F
							1-1/4" NPT	WQA-20F-N20F	WQA-20M-N20F
40	168	136.5	85	83	60	60	1-1/2" BSP	WQA-24F-B24F	WQA-24M-B24F
							1-1/2" NPT	WQA-24F-N24F	WQA-24M-N24F
50	200.7	160	100	99	75	75	2" BSP	WQA-32F-B32F	WQA-32M-B32F
							2" NPT	WQA-32F-N32F	WQA-32M-N32F

WQA series couplings are used in a wide range of hydraulic applications including construction equipment, manufacturing machinery, and in-plant systems. They can be found anyplace where the fluid transfer lines need to be connected and disconnected for operation or maintenance of equipment.

WQA 系列快速接头，广泛应用于液压系流。这种带双单向阀机构的快速接头，用于为了设备的运行，维修而需要连接或拆卸，并且无泄露，无污染，防止污物进入管路内，保护环境。

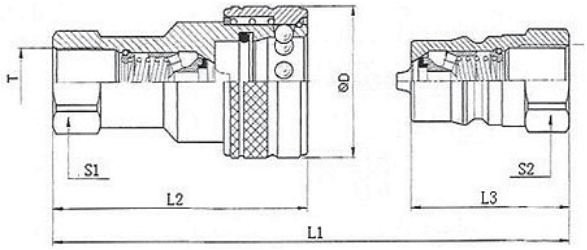
Technical Data
技术参数

Nominal size 公称通径	Max.working pressure 最大工作压力	Rated flow 额定流量	Min burst pressure 最小爆破压力 Male 公接头	Female 母接头	Coupled 连接	Fluid spillage 泄漏量
	(bar)	(l/m)	(bar)	(bar)	(bar)	(cc)
6.3	315	12	1260	1260	1260	1
10	315	23	1260	1260	1260	2
12.5	250	45	1000	1000	1000	2.5
20	250	106	1000	1000	1000	9
25	200	189	800	800	800	25
31.5	200	288	800	800	800	60
40	160	379	640	640	640	90
50	100	757	400	400	400	150

Accessories
附件

Nominal size 公称通径	Female dust plug 母接头保护塞	Male dust cap 公接头保护帽	Material 材质
6.3	WQA-04F-PVC	WQA-04M-PVC	Plastic 塑料 + 橡胶
10	WQA-06F-PVC	WQA-06M-PVC	Plastic 塑料 + 橡胶
12.5	WQA-08F-PVC	WQA-08M-PVC	Plastic 塑料 + 橡胶
20	WQA-12F-PVC	WQA-12M-PVC	Plastic 塑料 + 橡胶
25	WQA-16F-PVC	WQA-16M-PVC	Plastic 塑料 + 橡胶
31.5	WQA-20F-Al	WQA-20M-Al	Aluminium 铝
40	WQA-24F-Al	WQA-24M-Al	Aluminium 铝
50	WQA-32F-Al	WQA-32M-Al	Aluminium 铝

WQB Series
ISO 7241-1B



Product Features
产品特征

- Materials: zinc-plated carbon steel body
  材质：碳钢，表面镀环保锌
- Valve: Poppet Type
  阀芯：针阀
- Back-up ring: in pure Teflon
  挡圈：铁氟龙
- Seals: standard in nitrile NBR
  密封件：以 NBR 为标准
- Working temperature: with standard seals -25°C + 125°C
  工作温度：在标准 NBR 范围内，承受 -25°C + 125°C 的温度

ISO	L1	L2	L3	ØD	S1	S2	T	COD.(F)	COD.(M)
6.3	72.5	57	36	27.5	19	19	1/4"NPT	WQB-04F-N04F	WQB-04M-N04F
10	80	65	40	35	22	22	3/8"NPT	WQB-06F-N06F	WQB-06M-N06F
12.5	94.5	74	46.5	44	27	27	1/2"NPT	WQB-08F-N08F	WQB-08M-N08F
20	112.5	89	57.5	52	34	34	3/4"NPT	WQB-12F-N12F	WQB-12M-N12F
25	132.5	106	65.5	60	41	41	1"NPT	WQB-16F-N16F	WQB-16M-N16F

WQB Series are used across the spectrum of hydraulic applications. Their general solidity permits the strenuous applications in aeronautics, electronic and automotive industry.

WQB 系列快速接头广泛应用于所有行业中的液压气动系统。不同的材质可以满足医疗，化工、食品等行业的特殊要求。

Technical Data
技术参数

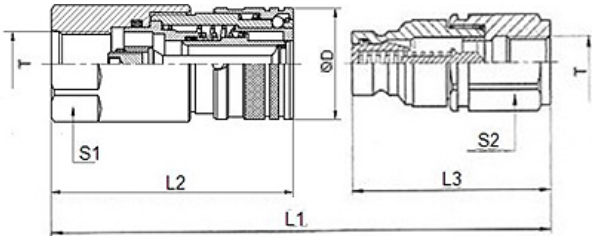
Nominal size 公称通径	Max.working pressure 最大工作压力	Rated flow 额定流量	Min burst pressure 最小爆破压力 Male 公接头	Female 母接头	Coupled 连接	Fluid spillage 泄漏量
6.3	250	12	1000	1000	1000	2
10	250	23	1000	1000	1000	2.5
12.5	250	45	1000	1000	1000	5
20	160	106	640	640	640	10
25	100	189	400	400	400	25

Accessories
附件

Nominal size 公称通径	Female dust plug 母接头保护塞	Male dust cap 公接头保护帽	Colour 颜色	Material 材质
6.3	WQB-04F-PVC	WQB-04M-PVC	Blue/ 兰	Plastic 塑料
10	WQB-06F-PVC	WQB-06M-PVC	Blue/ 兰	Plastic 塑料
12.5	WQB-08F-PVC	WQB-08M-PVC	Blue/ 兰	Plastic 塑料
20	WQB-12F-PVC	WQB-12M-PVC	Blue/ 兰	Plastic 塑料
25	WQB-16F-PVC	WQB-16M-PVC	Blue/ 兰	Plastic 塑料

Nominal size 公称通径	Female dust plug 母接头保护塞	Male dust cap 公接头保护帽	Material 材质
6.3	WQB-04F-Al	WQB-04M-Al	Aluminium 铝
10	WQB-06F-Al	WQB-06M-Al	Aluminium 铝
12.5	WQB-08F-Al	WQB-08M-Al	Aluminium 铝
20	WQB-12F-Al	WQB-12M-Al	Aluminium 铝
25	WQB-16F-Al	WQB-16M-Al	Aluminium 铝

WQF1 Series
ISO 16028 Flat face



Product Features
产品特征

- Materials: zinc-plated carbon steel body
  材质：碳钢，表面镀环保锌
- Seals: standard in nitrile NBR. On request FKM,EPDM and VMQ seals
  密封件：以 NBR 为标准
- Back-up ring: in pure Teflon
  挡圈：铁氟龙
- Working temperature: with standard seals -25°C + 125°C
  工作温度：在标准 NBR 范围内，承受 -25°C + 125°C 的温度

Nominal size 公称通径	L1	L2	L3	ØD	S1	S2	T	COD.(F) 母接头编号	COD.(M) 公接头编号
6.3	100	58.5	53.3	28	22	22	1/4"BSP	WQF1-04F-B04F	WQF1-04M-B04F
							1/4"NPT	WQF1-04F-N04F	WQF1-04M-N04F
							3/8"BSP	WQF1-04F-B06F	WQF1-04M-B06F
							3/8"NPT	WQF1-04F-N06F	WQF1-04M-N06F
							9/16 UNF	WQF1-04F-O06F	WQF1-04M-O06F
							M16*1.5	WQF1-04F-M16F	WQF1-04M-M16F
10	121	73.5	61.2	32	30	30	3/8"BSP	WQF1-06F-B06F	WQF1-06M-B06F
							3/8"NPT	WQF1-06F-N06F	WQF1-06M-N06F
							1/2"BSP	WQF1-06F-B08F	WQF1-06M-B08F
							1/2"NPT	WQF1-06F-N08F	WQF1-06M-N08F
							9/16 UNF	WQF1-06F-O06F	WQF1-06M-O06F
							M16*1.5	WQF1-06F-M16F	WQF1-06M-M16F
							M18*1.5	WQF1-06F-M18F	WQF1-06M-M18F
							3/4 UNF	WQF1-06F-O08F	WQF1-06M-O08F
							M22*1.5	WQF1-06F-M22F	WQF1-06M-M22F
							7/8 UNF	WQF1-06F-O10F	WQF1-06M-O10F
12.5	143.5	73.4	74	38	36	36	1/2"BSP	WQF1-08F-B08F	WQF1-08M-B08F
							1/2"NPT	WQF1-08F-N08F	WQF1-08M-N08F
							3/4"UNF	WQF1-08F-O08F	WQF1-08M-O08F
							3/4"BSP	WQF1-08F-B12F	WQF1-08M-B12F
							3/4"NPT	WQF1-08F-N12F	WQF1-08M-N12F
							M22*1.5	WQF1-08F-M22F	WQF1-08M-M22F
							7/8"UNF	WQF1-08F-O10F	WQF1-08M-O10F
							M26*1.5	WQF1-08F-M26F	WQF1-08M-M26F
							1-1/16"UNF	WQF1-08F-O12F	WQF1-08M-O12F
16	143	86	74	42	36	36	1/2"BSP	WQF1-10F-B08F	WQF1-10M-B08F
							1/2"NPT	WQF1-10F-N08F	WQF1-10M-N08F
							3/4"BSP	WQF1-10F-B12F	WQF1-10M-B12F
							3/4"NPT	WQF1-10F-N12F	WQF1-10M-N12F
							M22*1.5	WQF1-10F-M22F	WQF1-10M-M22F
							7/8"UNF	WQF1-10F-O10F	WQF1-10M-O10F
							M26*1.5	WQF1-10F-M26F	WQF1-10M-M26F
							1-1/16"UNF	WQF1-10F-O12F	WQF1-10M-O12F
20	154	95	87	48	41	41	3/4"BSP	WQF1-12F-B12F	WQF1-12M-B12F
							3/4"NPT	WQF1-12F-N12F	WQF1-12M-N12F
	160	95	87				1"BSP	WQF1-12F-B16F	WQF1-12M-B16F
							1"NPT	WQF1-12F-N16F	WQF1-12M-N16F
	160	95	87				1-1/16"UNF	WQF1-12F-O12F	WQF1-12M-O12F
							1-5/16"UNF	WQF1-12F-O16F	WQF1-12M-O16F
25	177	109.5	92	55	50	50	1"BSP	WQF1-16F-B16F	WQF1-16M-B16F
							1"NPT	WQF1-16F-N16F	WQF1-16M-N16F
							1-1/4"BSP	WQF1-16F-B20F	WQF1-16M-B20F
							1-1/4"NPT	WQF1-16F-N20F	WQF1-16M-N20F

WQF1 Couplings represent the first genuine revolution in the field of applications for flat face quick release couplings. Where previous models performed well at low operating pressures and with limited fluctuations in pressure, these new couplings can be used in applications typified by high operating pressures, high flow rates and low pressure drops, offering the same guarantees as components of conventional design.

WQF1快换接头：无滴漏，防沙尘污染，防碰撞变形，单手操作，连接力小，带安全自锁，连接时可防空气进入液压系统中。广泛应用在农业，工厂及工业等领域。

Technical Data
技术参数

Nominal size 公称通径	Max.working pressure 最大工作压力	Rated flow 额定流量	Min burst pressure 最小爆破压力 Male 公接头	Female 母接头	Coupled 连接	Fluid spillage 泄漏量
ISO	(bar)	(l/m)	(bar)	(bar)	(bar)	(cc)
6.3	400	12	1900	1900	1900	0.008
10	350	23	1560	1780	1600	0.01
12.5	350	45	1700	1590	1770	0.012
16	350	74	1660	1420	1580	0.015
20	350	100	1600	1470	1840	0.02
25	350	189	1470	1400	1530	0.03

Accessories
附件

Nominal size 公称通径	Female dust plug 母接头保护塞	Male dust cap 公接头保护帽	Colour 颜色	Material 材质
6.3	WQF-04F-PVC	WQF-04M-PVC	Red/ 红	Plastic 塑料
10	WQF-06F-PVC	WQF-06M-PVC	Red/ 红	Plastic 塑料
12.5	WQF-08F-PVC	WQF-08M-PVC	Red/ 红	Plastic 塑料
20	WQF-12F-PVC	WQF-12M-PVC	Red/ 红	Plastic 塑料
25	WQF-16F-PVC	WQF-16M-PVC	Red/ 红	Plastic 塑料

Powering Business Worldwide

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