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SAE FLANGE BUTTERFLY VALVE'S INTRODUCTION

SAE 法兰蝶阀概况

SAE 法兰蝶阀是液压方形法兰标准的专用SAE法兰蝶阀, 主要面向液压流体动力系统, 对应液压站油箱口、泵口、主回油管路接口。SAE法兰蝶阀自带橡胶O型圈, 依靠O型圈端面密封, 无需传统垫片, 阀体形式: 多为凸耳(单夹式)阀体, 方形 SAE 法兰集成在阀体端面; 一般都是手柄操作。可带接近开关, SAE法兰蝶阀结构紧凑, 外观新颖, 体积小, 重量轻、扭矩轻、安装方便、操作简单、关闭速度快、适合在液压站狭小的安装空间; 凸耳结构支持单侧拆装阀体, 不用拆卸对面管路。是液压站: 油箱出口切断阀、主回油管路开关、泵吸油口隔离, 检修时隔离油箱, 方便放油拆装泵阀元件, 是液压流体动力系统最佳的阀门。

SAE-flange butterfly valves adopt the SAE square-flange standard specially designed for hydraulic fluid-power systems. They are mainly applied to hydraulic-station tank nozzles, pump ports and main return-oil pipeline interfaces. Equipped with built-in rubber Orings for end-face-sealing, they require no conventional gaskets. The valve body is mostly of lug-type construction, with integrated square SAE flanges on the valve-body end faces. Manual-lever operation is the most common configuration, and proximity-switch versions are also available. SAE-flange butterfly valves feature compact structure, novel appearance, small size, light weight, low operating torque and simple installation & operation with fast closing speed, making them well-suited for confined installation spaces inside hydraulic stations. The lug-type design enables one-sided valve disassembly without removing piping on the opposite side. In hydraulic power station, these valves serve as tank outlet shut-off valves, main return line control valves, and pump suction port isolation valves. During maintenance, they isolate the tank, facilitating oil drainage and the disassembly of pump and valve components, making them the optimal valves for hydraulic fluid power systems.



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BEIJING DINGRUITE VALVE MFG. CO., LTD.

天津鼎瑞特阀门制造有限公司
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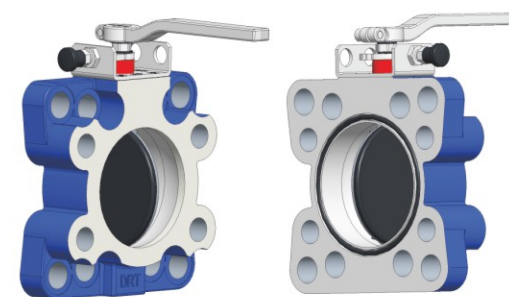
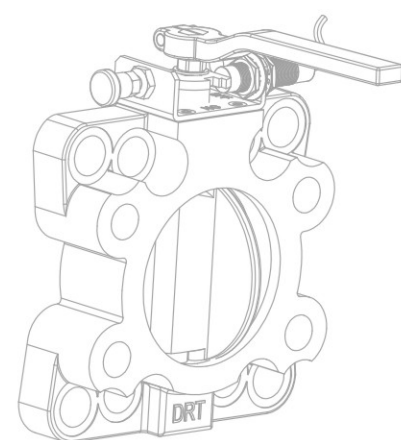
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SAE FLANGE BUTTERFLY VALVE SAE法兰蝶阀

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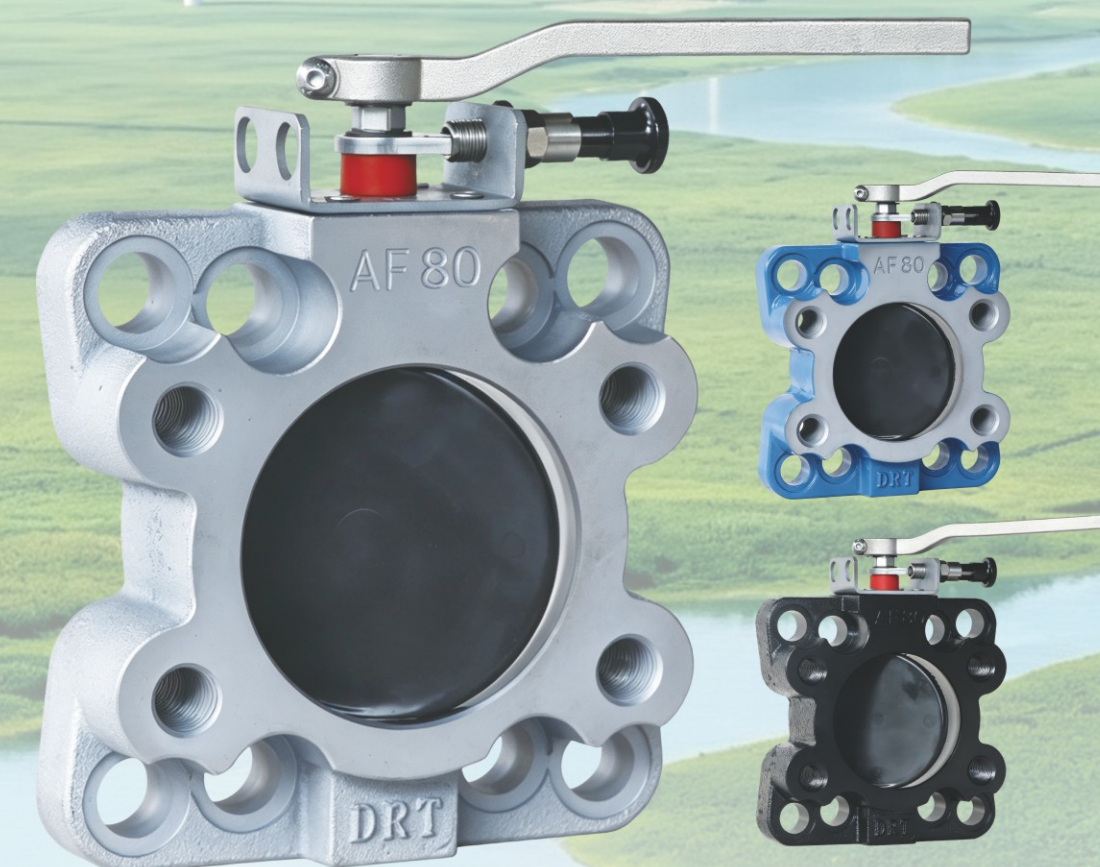
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SAE FLANGE BUTTERFLY VALVE

SAE法兰蝶阀

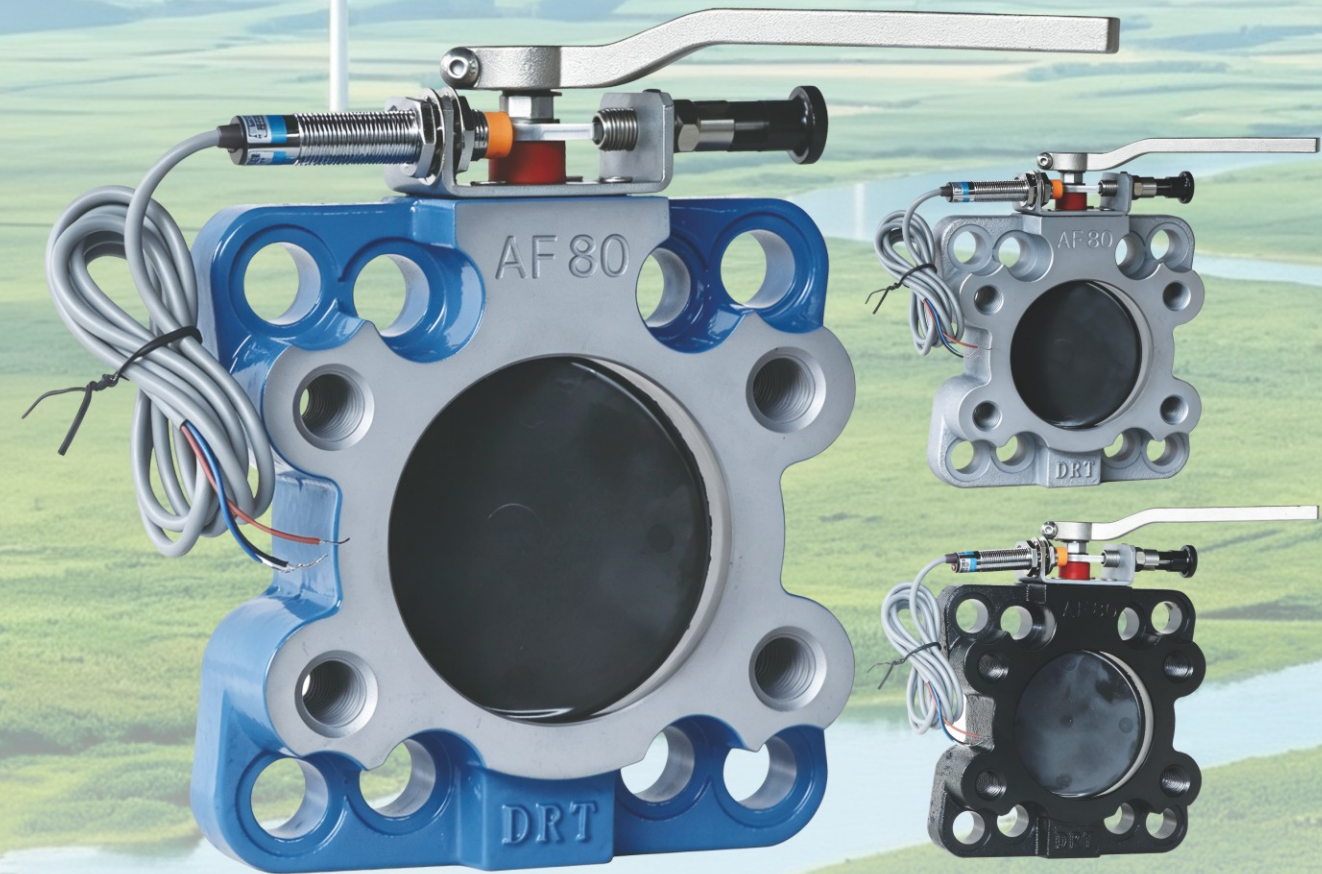


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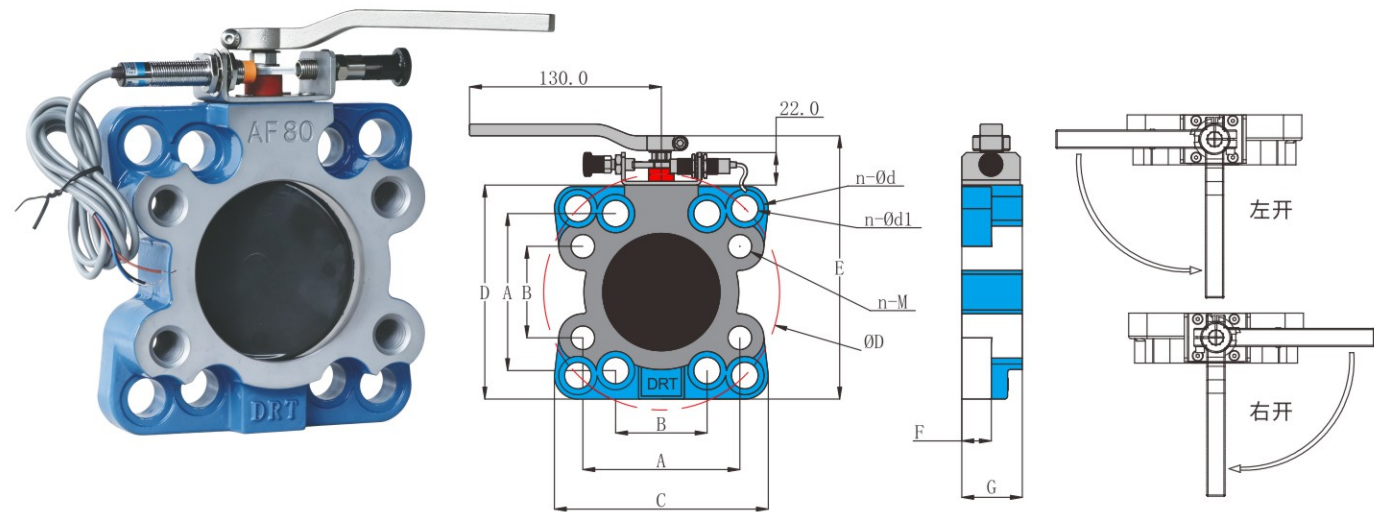
SAE FLANGE HANDLE SIGNAL BUTTERFLY VALVE

SAE法兰发讯手柄蝶阀



DRT® 鼎瑞特阀业 DINGRUI TE VALVE SAE FLANGE HANDLE SIGNAL BUTTERFLY VALVE

SAE法兰发讯手柄蝶阀

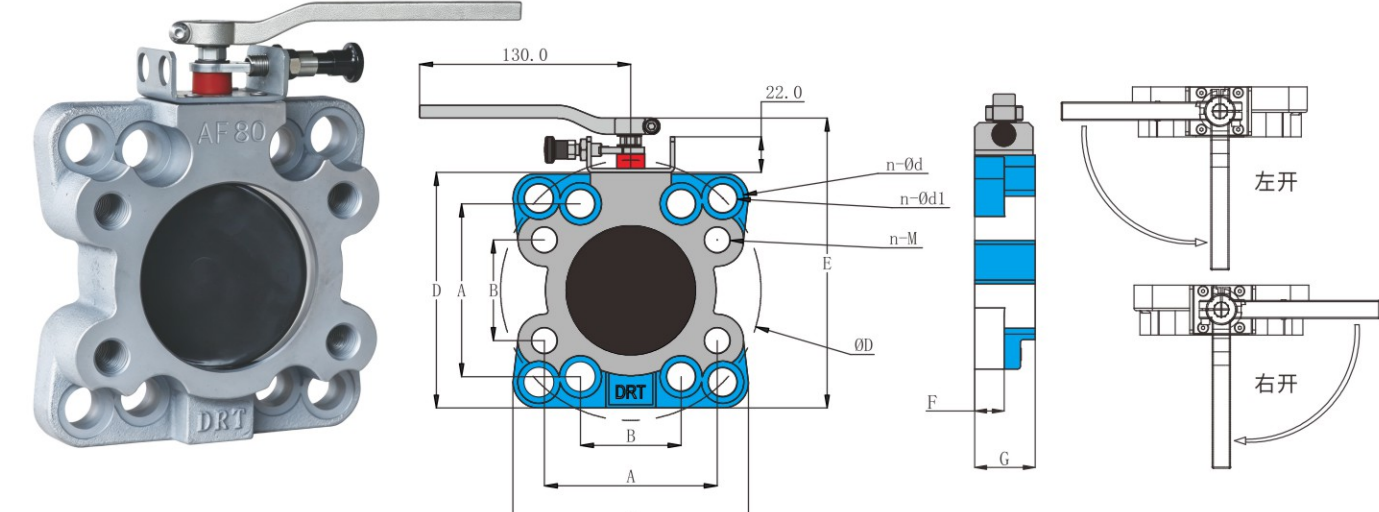


主要零部件材质 Material of main parts											
型号: 678D72X5P-10Q	Model: 678D72X5P-10Q										
规格: AF40-AF125	Size range: AF40-AF125										
驱动: SS304手柄、带接近开关、固定螺栓SS304	Operation: SS304 lever handle with proximity switch; fastening bolts: SS304										
支架: 45#钢板	Bracket: 45# steel plate										
轴套: PTFE+玻璃钢	Bushing: PTFE + fiberglassreinforced plastic										
旋转定位销: SS304	Indexing plunger detent pin: SS304										
阀体: QT450 SS316	Valve body: QT450 / SS316										
阀板: SS304包NBR橡胶	Disc: SS304 with NBR rubber cladding										
阀轴: SS420	Valve stem: SS420										
阀轴O型圈: NBR	Stem Oring: NBR										
阀体O型圈: NBR	Body Oring: NBR										
压力: PN1.0MPa	Pressure rating: PN1.0 MPa										
连接方式: SAE法兰	Connection type: SAE flange										
阀体表面处理: 镀锌镍、电泳、喷涂	Surface treatment of valve body: zincnickel plating, electrophoretic coating, spraypainting										
温度: -20℃~+80℃	Operating temperature: -20℃~+80℃										

主要外形及连接尺寸 Main contour and connection size												单位 Unit:mm
规格 Size	A	B	C	D	E	F	G	n-Φd	n-Φd1	n-M	ΦD	
AF40	70.0	35.7	103.3	120.0	154.0	25.0	43.0	8-Φ19.5	8-Φ13.5	4-M12	110.0	
AF50	77.8	42.9	113.0	114.0	148.0	20.0	43.0	8-Φ19.5	8-Φ13.5	4-M12	125.0	
AF65	89.0	50.8	114.0	120.0	154.0	20.0	40.0	8-Φ19.5	8-Φ13.5	4-M12	125.0	
AF80	106.4	62.0	147.0	148.0	182.0	20.0	41.0	8-Φ26.0	8-Φ18.0	4-M16	160.0	
AF100	130.2	77.8	164.0	169.0	203.0	20.0	43.0	8-Φ26.0	8-Φ18.0	4-M16	180.0	
AF125	152.4	92.0	188.0	189.0	223.0	20.0	43.0	8-Φ26.0	8-Φ18.0	4-M16	210.0	

DRT® 鼎瑞特阀业 DINGRUI TE VALVE SAE FLANGE LEVER OPERATED BUTTERFLY VALVE

SAE法兰手柄蝶阀



主要零部件材质 Material of main parts											
型号: 628D72X5P-10Q	Model: 628D72X5P-10Q										
规格: AF40-AF125	Size range: AF40-AF125										
驱动: SS304手柄、固定螺栓SS304	Operation: SS304 lever handle with proximity switch; fastening bolts: SS304										
支架: 45#钢板	Bracket: 45# steel plate										
轴套: PTFE+玻璃钢	Bushing: PTFE + fiberglassreinforced plastic										
旋转定位销: SS304	Indexing plunger detent pin: SS304										
阀体: QT450 SS316	Valve body: QT450 / SS316										
阀板: SS304包NBR橡胶	Disc: SS304 with NBR rubber cladding										
阀轴: SS420	Valve stem: SS420										
阀轴O型圈: NBR	Stem Oring: NBR										
阀体O型圈: NBR	Body Oring: NBR										
压力: PN1.0MPa	Pressure rating: PN1.0 MPa										
连接方式: SAE法兰	Connection type: SAE flange										
阀体表面处理: 镀锌镍、电泳、喷涂	Surface treatment of valve body: zincnickel plating, electrophoretic coating, spraypainting										
温度: -20℃~+80℃	Operating temperature: -20℃~+80℃										

主要外形及连接尺寸 Main contour and connection size												单位 Unit:mm
规格 Size	A	B	C	D	E	F	G	n-Φd	n-Φd1	n-M	ΦD	
AF40	70.0	35.7	103.3	120.0	154.0	25.0	43.0	8-Φ19.5	8-Φ13.5	4-M12	110.0	
AF50	77.8	42.9	113.0	114.0	148.0	20.0	43.0	8-Φ19.5	8-Φ13.5	4-M12	125.0	
AF65	89.0	50.8	114.0	120.0	154.0	20.0	40.0	8-Φ19.5	8-Φ13.5	4-M12	125.0	
AF80	106.4	62.0	147.0	148.0	182.0	20.0	41.0	8-Φ26.0	8-Φ18.0	4-M16	160.0	
AF100	130.2	77.8	164.0	169.0	203.0	20.0	43.0	8-Φ26.0	8-Φ18.0	4-M16	180.0	
AF125	152.4	92.0	188.0	189.0	223.0	20.0	43.0	8-Φ26.0	8-Φ18.0	4-M16	210.0	

DRT® 鼎瑞特阀业 DINGRUI TE VALVE SAE FLANGE ADAPTER PLATE

SAE法兰片

主要零部件材质 Material of main parts

型号: 216FL-10C

规格: AF50-AF125

主体: 45#钢制

压力: PN1.0MPa

Model: 216FL10C

Size range: AF50AF125

Main material: 45# carbon steel

Pressure rating: PN1.0 MPa

主要外形及连接尺寸 Main contour and connection size											单位 Unit:mm
规格 Size	A	B	C	D	F	G	H	J	K	单重KG	
AF50-63	125	63	25	150	16	4-M12	-	-	103±1	2.44	
AF80	-	82	25	150	14	4-M16	62	106.4	109±1	2.14	
AF100	-	103	25	180	14	4-M16	77.8	130	139±1	2.74	
AF125	-	128	25	205	14	4-M16	92	152.4	164±1	3.34	

DRT® 鼎瑞特阀业 DINGRUI TE VALVE NG RHOMBIC FLANGE RUBBER EXPANSION JOINT

NG菱角法兰橡胶软接头

主要零部件材质 Material of main parts

型号: 555 KST-1

规格: AF40-AF125

主阀: NBR橡胶

法兰: 碳钢法兰

压力: PN1.0MPa

温度: -10℃~+80℃

Model: 555 KST1

Size range: AF40AF125

Main body material: NBR rubber

Flange: carbonsteel flange

Pressure rating: PN1.0MPa

Operating temperature: -10℃ ~ +80℃

主要外形及连接尺寸 Main contour and connection size							单位 Unit:mm
规格 Size	Φd	L	L1	L2	L3	单重KG	
DN40	13.0	70.0	35.0	78.0	100.0	1.00	
DN50	13.0	77.0	42.5	88.5	100.0	1.25	
DN65	13.0	89.0	51.0	102.0	101.5	1.56	
DN80	17.0	106.0	62.0	122.5	101.5	2.03	
DN100	17.0	130.0	77.5	151.5	101.5	2.75	
DN125	17.0	152.0	92.0	177.5	131.0	2.83	