



ZEIUSA LLC +1 716-288-8317 www.zeiusa.com

North America sales representative for KAITE Hydraulic. KAITE Hydraulic is specialized in the design and manufacture of helical rotary actuators, offering integrated services across R&D, production, sales, and after-sales support. Our products are widely used in construction, energy, marine, material handling, and mining industries.

Driven by continuous innovation and improvement, our experienced professional team is highly committed to quality and reliability. Key components are sourced from leading international brands, ensuring superior performance and durability. All product design and manufacturing processes are developed using advanced CAD/CAE systems and supported by a modern, efficient production management system.

Powerful

High torque, high bearing capacity

Durable

Moving parts enclosed, suitable for harsh environments



Hydraulic Rotary Actuator



ZEIUSA LLC +1 716-288-8317 www.zeiusa.com

PRODUCT
INTRODUCTION
产品介绍

通用
系列



KT10 series

通用
系列



KT20 series

通用
系列



KT30 Flange Type series

通用
系列



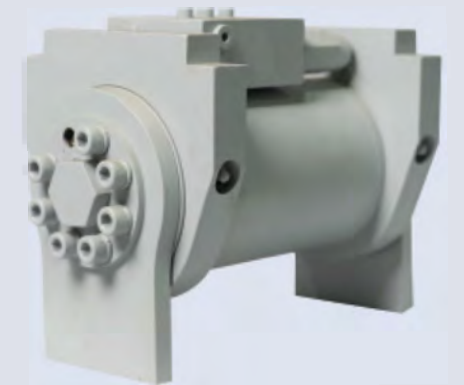
KT30 Foot Mount series

通用
系列



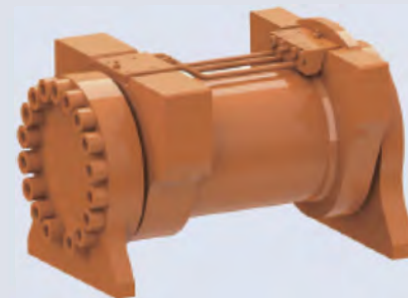
KT40 series

通用
系列



KT50 series

专用
系列



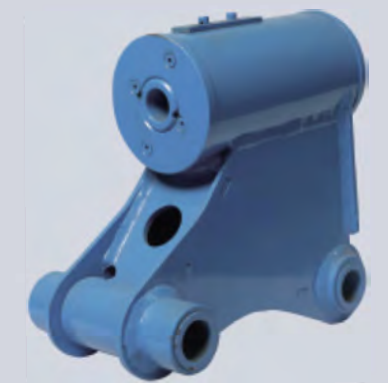
KTPT2 series

专用
系列



KTRL75/200 series

定制
系列



Custom 00 series

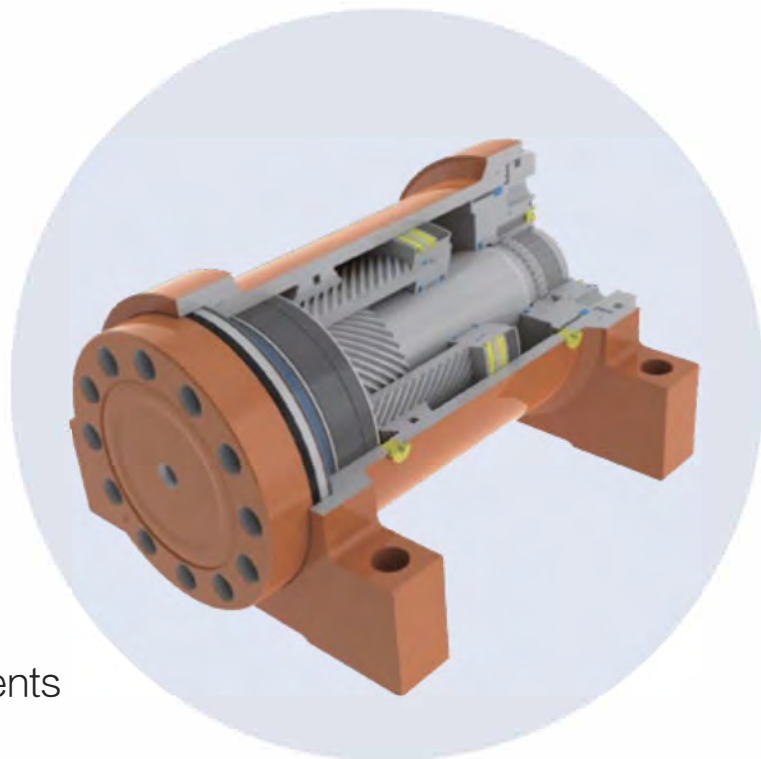


Powerful

High torque, high bearing capacity

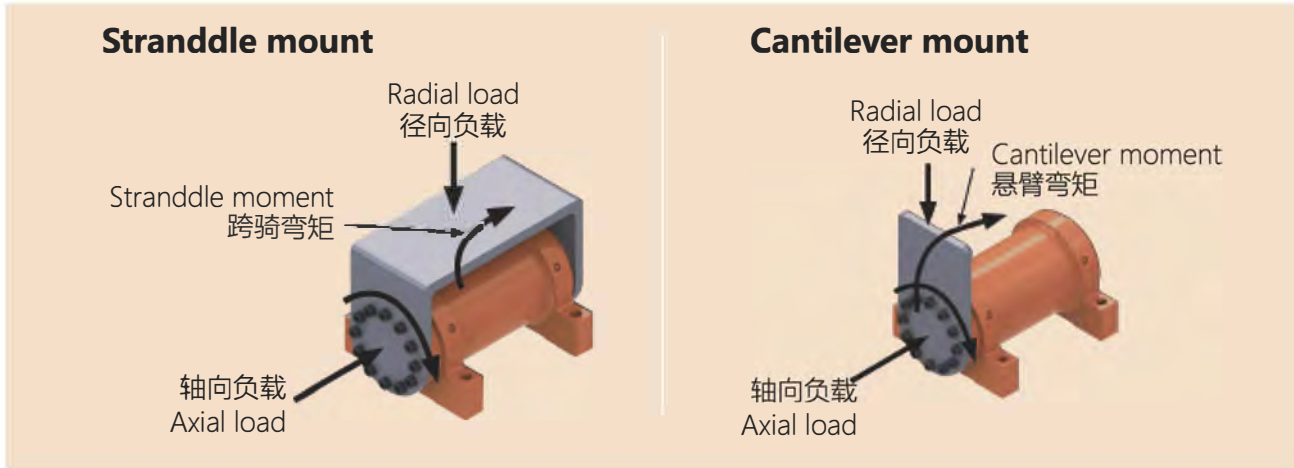
Durable

Moving parts enclosed, suitable for harsh environments



This design is based on a system with a multiple helical gear, the linear movement of the piston is converted into a rotational movement via multiple helical gears by hydraulic pressure.

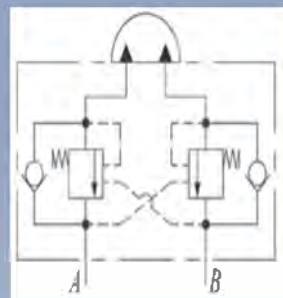
Description of load and torque



平衡阀 / Counter balance valve

双向平衡阀特性/valve schematic

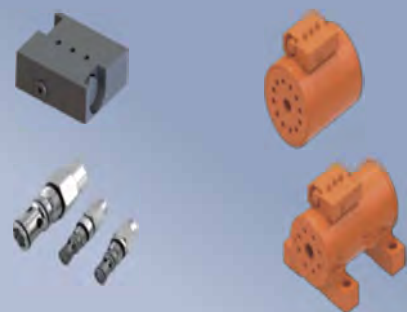
双向平衡阀可以保持负载位置，防止液回路泄露时的意外转动以及保持负载运动的平稳。Counterbalance valve protect rotation in the event of a hydraulic line failure and protect the actuator against excessive torque loading.



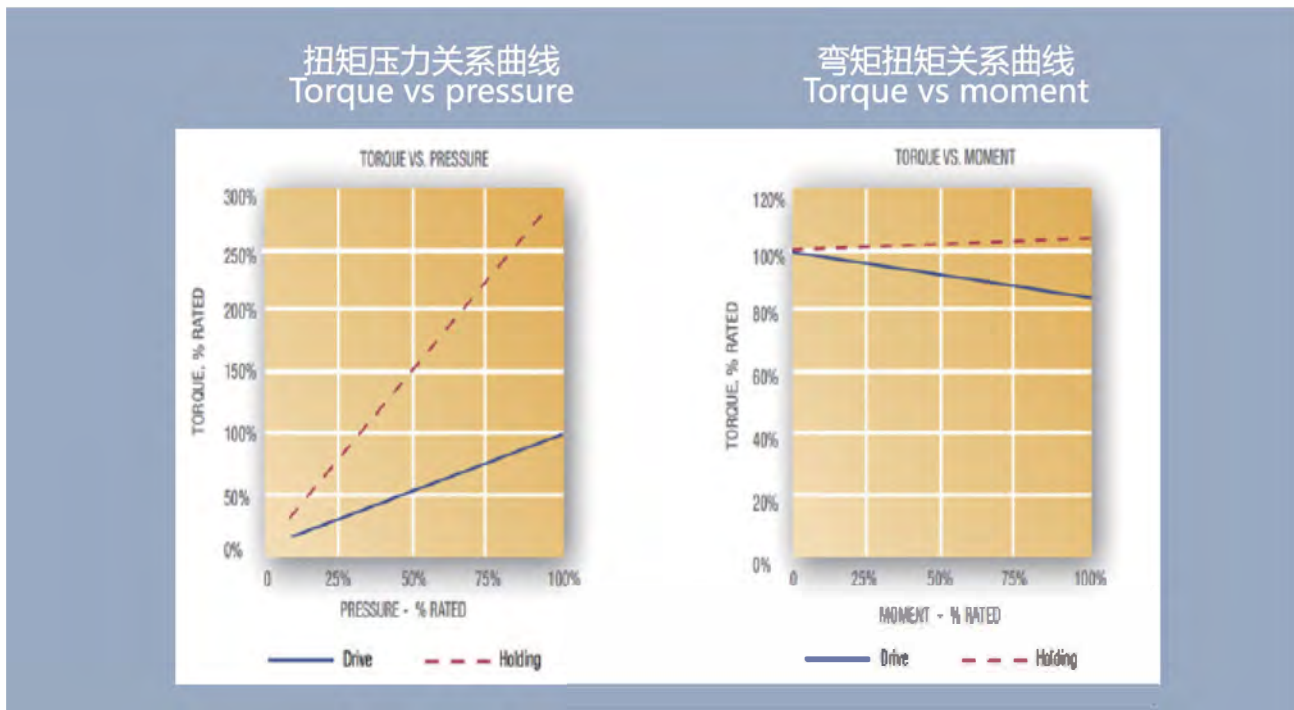
阀体材质/Valve material
阀体材料可以选择钢质或者铝，默认为钢质平衡阀体。The standard one is steel made, aluminum optional.
油缸出厂时，阀体均配有丝堵，用户可以自行选择用或者不用平衡阀。缸体上均有备用油口。The thread holes for valve mount available which allow customer order with or without valve.

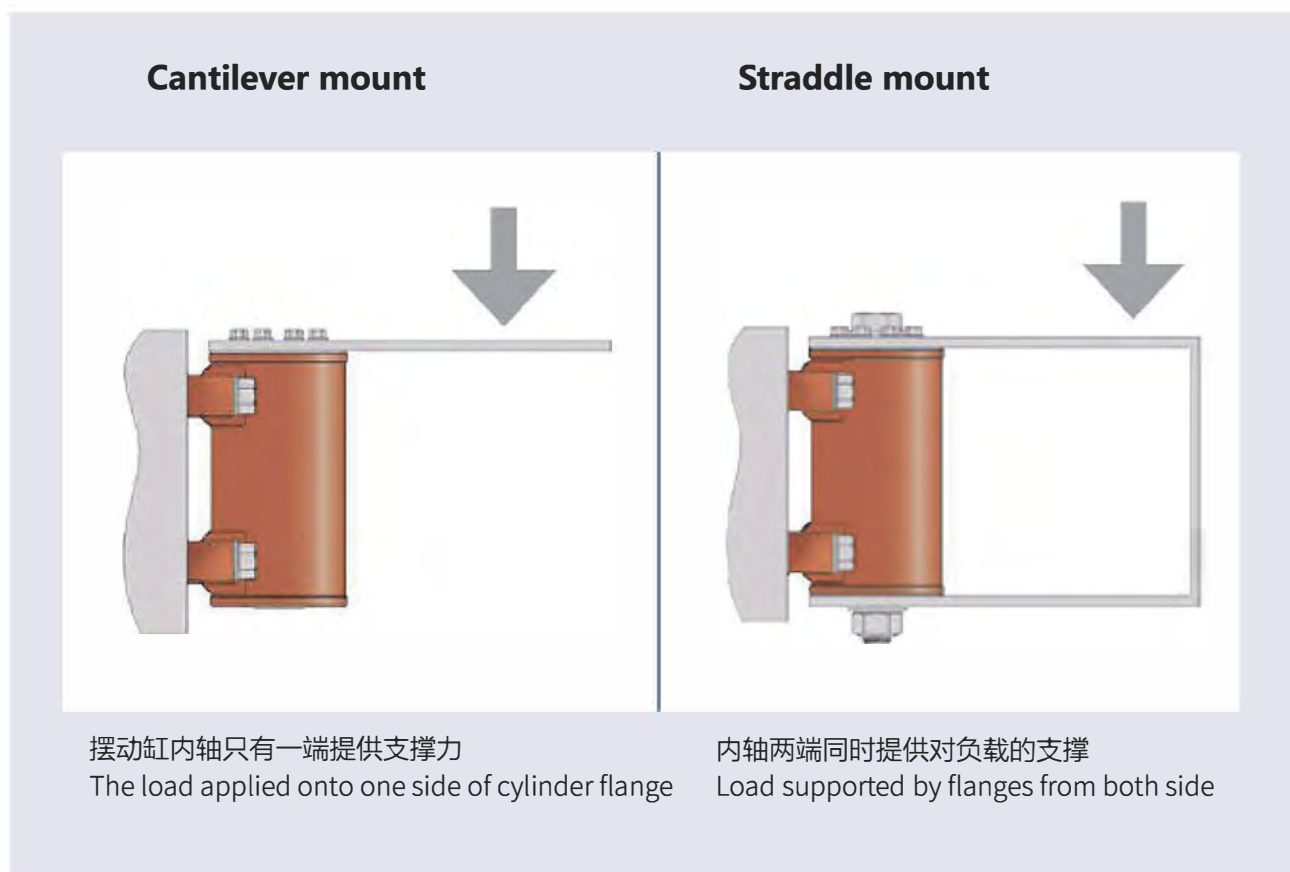
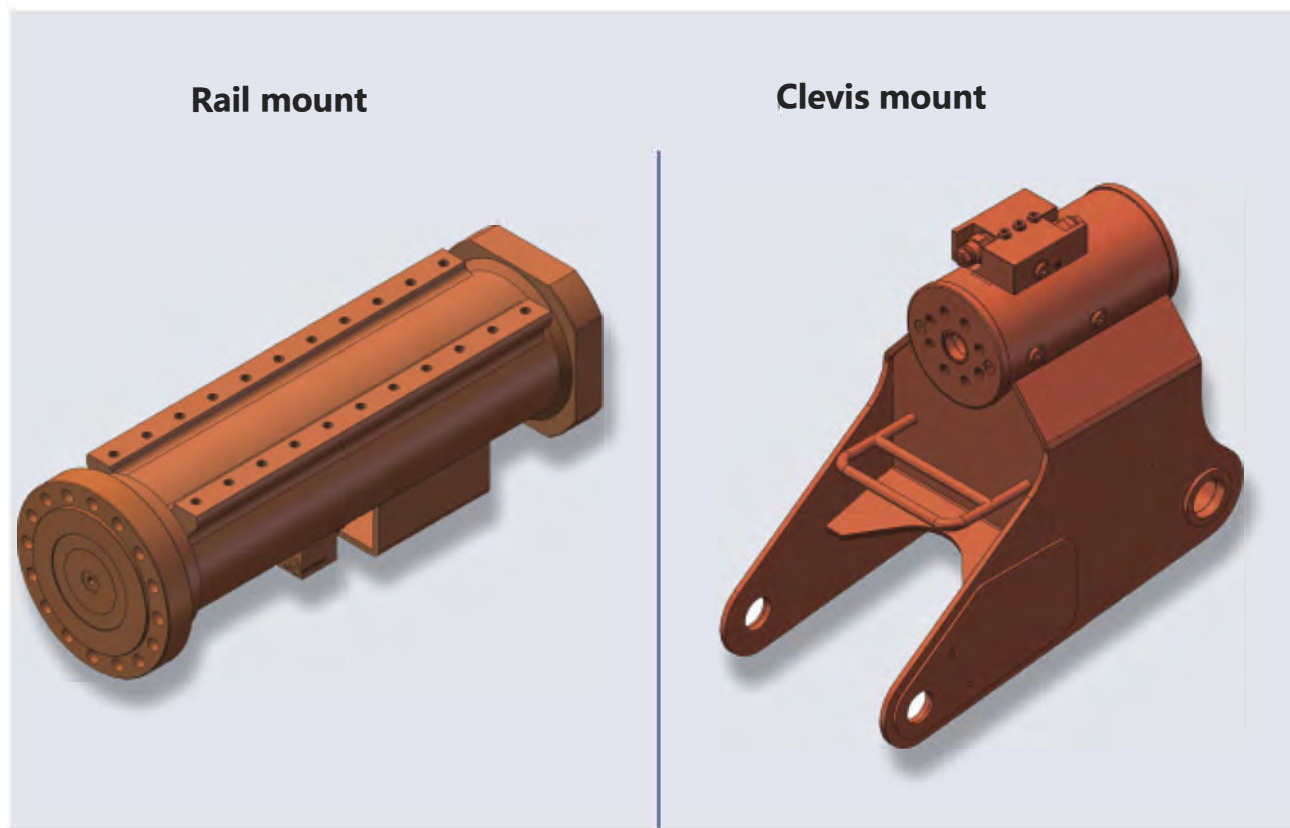
Pressure set

KT10,20和40系列设定压力为228bar，先导比为3:1。
KT30系列设定压力为250bar，先导比为2.5:1。
KT10,20 and 40 series set pressure is 228bar, the pilot ratio is 3:1.
KT30 series set pressure is 250bar, the pilot ratio 2.5:1.



Performance curves





Model Selection Example

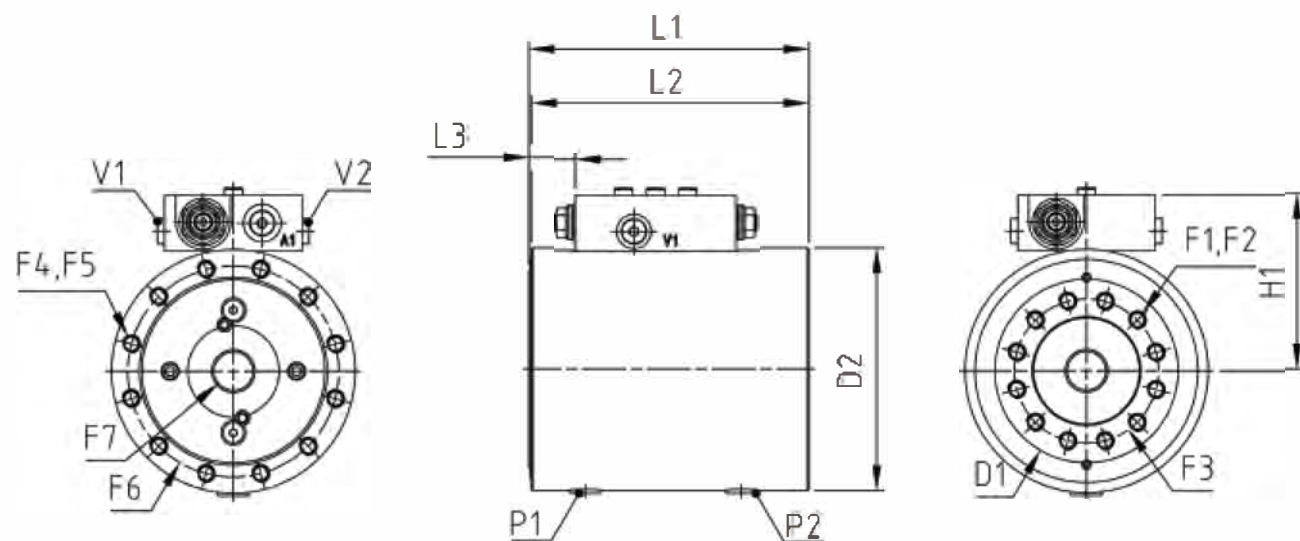
KT10 - 27 - 360 - Q F Y J
 ① ② ③ ④ ⑤ ⑥ ⑦

NO.	Description	Detailed Explanation
1	Series No.	Common series: KT10,KT20,KT30,KT40,KT50
2	Output Torque Value Divided By 100	For example: the output torque is 4700nm, denoted as: 47, ie 4700/100=47
3	Output Rotation Angle	Standard angles are generally 180° , 360° , special angles can be customized
4	Torque Output Form	Q - Front flange, S - Double flange S - Shaft output, H - Spline shaft
5	Mounting	Q - Front flange mount, H - Rear flange mount D - Foot mount, M - Clevis mount
6	Counterbalance valve	Y- With ordinary Counterbalance valve, W- Without Counterbalance valve, A- Aluminum alloy Counterbalance valve
7	Seals	J- International brand name seals D- Withstand low temp, H- Withstand high temp

产品概述 /Our Product

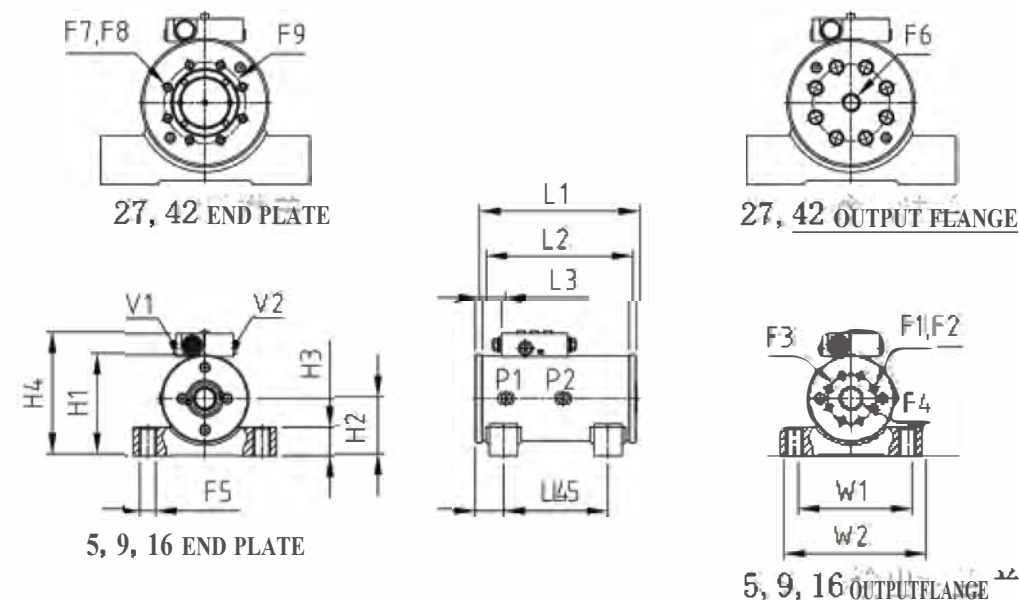


KT 10 Series KT 20 Series T 30 Series KT 40 Series KT 50 Series



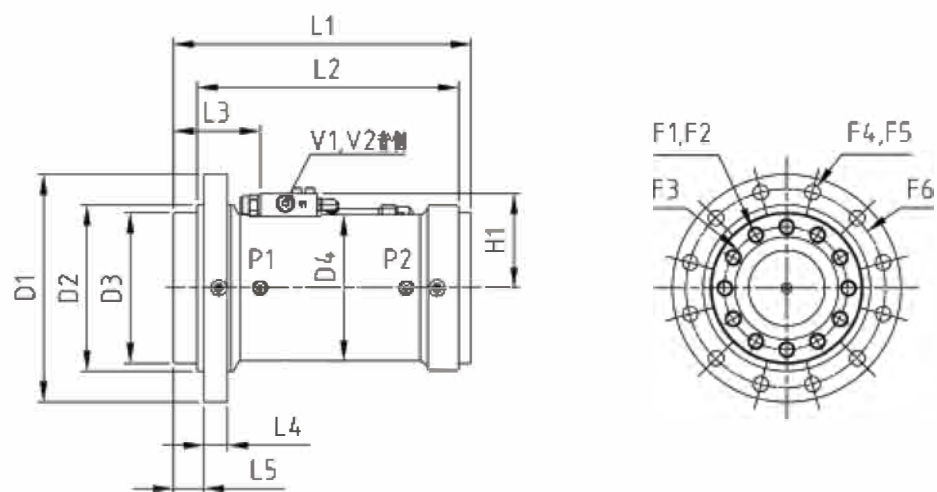
KT10 SERIES

型号 /Model	2	3	6	10	16	27
输出扭矩 /Drive Torque Nm@21MPa	180	320	600	1000	1600	2700
保持扭矩 /Holding Torque Nm@21MPa	630	1200	1900	3800	5700	9400
悬臂最大弯矩 /Max Cantilever Moment Nm	560	1000	2200	5600	9000	11200
径向负载 /Radial Capacity kg	900	1350	1850	3600	4980	6700
轴向负载 /Axial Capacity kg	900	1350	1850	3600	4980	6700
排量 (180°) /Displacement 180° cc	63.9	121	192	365	552	914
排量 (360°) /Displacement 360° cc	-	243	384	733	1105	1829
重量 (180°) /Weight 180° kg	6.4	10	14.2	26	43.3	57
重量 (360°) /Weight 360° kg	-	12.8	19.2	35	54.5	83
D1 安装盘直径 /Dia Of Mounting Flange mm	77.2	89	102	127	148	185
D2 壳体直径 /Housing Diameter mm	100	119	135	170	198	226
F1 法兰端螺丝孔尺寸 /Flange Screw Hole Size mm	M8*1.25	M8*1.25	M10*1.5	M12*1.75	M12*1.75	M16*2
F2 法兰端螺丝孔个数 /Flange Screw Hole Quantity	8	8	12	12	12	12
F3 法兰端螺丝中心圆直径 /Flange Screw Hole Center Circle Diameter mm	54	73	80	102	127	140
F4 端盖螺丝孔尺寸 /Flange Housing Tapped Hole Size mm	M8*1.25	M8*1.25	M10*1.5	M12*1.75	M12*1.75	M12*1.75
F5 端盖螺丝孔数量 /Number Of Threaded Holes in Flange Housing	8	8	12	12	12	12
F6 端盖螺丝孔中心圆直径 /Flange Shell Screw Hole Center Circle Diameter mm	86	103	117	151	175	203
F7 安装孔直径 /Dia Of Mount mm	14.3	17	21.4	35.7	45.7	66.7
H1 中心线到阀体的尺寸 /Centerline To Valve Top in mm	80	90	98	115	129	143
L1 180°总长度 /Overall Length (180°) mm	140	143	156	184	224	241
L1 360°总长度 /Overall Length (360°) mm	-	189	212	258	311	346
L2 不含旋转法兰长度 (180°) /Length Without Swivel Flange (180°) mm	138	142	154	182	221	239
L2 不含旋转法兰长度 (360°) /Length Without Swivel Flange (360°) mm	-	188	211	256	308	344
L3 法兰距平衡阀长度 (180°) /Length From Flange To Counterbalance Valve (180°) mm	25.4	26.9	27.7	27.9	38.6	43.9
L3 法兰距平衡阀长度 (360°) /Length From Flange To Counterbalance Valve (360°) mm	-	22.6	24.6	42.7	60.2	70.4
P1 P2 壳体油口 /Ports Housing	ISO-1179-1/BSPP 'G' 系列, 尺寸从 1/8 到 1/4, 详见图纸 / ISO-1179-1/BSPP 'G' Series, Size From 1/8 to 1/4, See Drawing For Details					
V1 V2 阀体油扣 /Ports Valve	ISO-11926/SAE 系列, 尺寸为 7/16, 详见图纸 /ISO-11926/SAE Series, Size is 7/16, See Drawing For Details.					



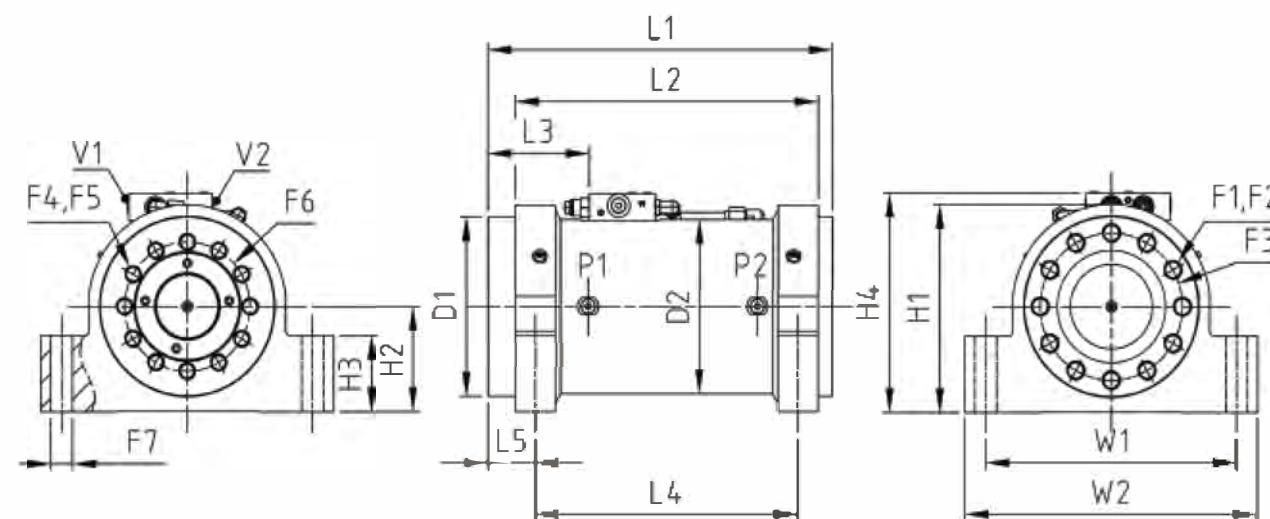
KT20 SERIES

型号 /Model	5	9	16	27	42
输出扭矩 /Drive Torque Nm@21MPa	500	900	1600	2680	4200
保持扭矩 /Holding Torque Nm@21MPa	1300	2400	4400	7100	10500
悬臂安装最大弯矩 /Max Cantilever Moment Nm	1360	2480	5420	11300	15800
跨骑安装最大弯矩 /Max Straddle Moment Nm	2500	4500	10200	16400	31600
径向负载 /Radial Capacity kg	1380	2130	4190	5580	9530
轴向负载 /Axial Capacity kg	500	680	1000	1400	1770
排量 (180°) /Displacement 180° cc	132	234	436	726	1070
重量 (180°) /Weight 180° kg	12.5	17	30	51	77
D1 安装盘直径 /Dia Of Mounting Flange mm	104	117	142	170	196
D2 壳体直径 /Housing Diameter mm	101	114	139	165	191
F1 法兰端螺丝孔尺寸 /Flange Screw Hole Size mm	M10*1.5	M10*1.5	M12*1.75	M20*2.5	M20*2.5
F2 法兰端螺丝孔个数 /Flange Screw Hole Quantity	6	8	8	8	10
F3 法兰端中心圆直径 /Flange Screw Hole Center Circle Diameter mm	53.9	65	85	102	121
F4 内轴通孔尺寸 /Clearance Hole For Shaft Through Bolt mm	M20	M24	M24	-	-
F5 地脚安装孔尺寸 /Housing Foot Clearance Hole Required Bolt Size mm	M16	M20	M24	M24	M30
F6 轴中心孔 /Center Hole of Shaft mm	-	-	-	M24*3	1-1/4-7
F7 端盖孔尺寸 /Flange Housing Tapped Hole Size mm	-	-	-	M12*1.75	M16*2
F8 端盖螺纹数量 /Number Of Threaded Holes in Flange Housing	-	-	-	8	10
F9 端盖丝孔中心圆直径 /Flange Shell Screw Hole Center Circle Diameter mm	-	-	-	108	121
H1 不含平衡阀高度 /Height without counterbalance valve mm	119	135	158	193	218
H2 底面距中心线高 /Height of Center Hole mm	66	76.2	85.9	108	121
H3 地脚高 /Foot Height mm	34.3	38.1	44.5	63.5	70
H4 总高度 /Overall Height mm	146	163	185	220	245
L1 总长度 /Overall Length mm	188	216	248	298	337
L2 不含旋转法兰长度 /Length Without Swivel Flange mm	173	197	229	276	314
L3 法兰距平衡阀距离 /Length From Flange To Counterbalance Valve mm	32	34.5	44.7	48.8	49
L4 脚安装孔距离 /Mounting Length mm	111	140	152	184	216
L5 法兰与安装孔距离 /Distance Between Flange and Mounting Hole mm	37.9	37.6	47	57.2	60.5
W1 地脚安装孔距离 /Mounting Width mm	145	152	197	222	267
W2 总宽度 /Overall Width mm	178	191	248	279	330
P1 P2 壳体油口 /Ports Housing	ISO-1179-1/BSPP 'G' 系列, 尺寸从 1/8 到 1/4, 详见图纸 / ISO-1179-1/BSPP 'G' Series, Size From 1/8 to 1/4, See Drawing For Details				
V1 V2 阀体油扣 /Ports Valve	ISO-11926/SAE 系列, 尺寸为 7/16, 详见图纸 /ISO-11926/SAE Series, Size is 7/16, See Drawing For Details.				



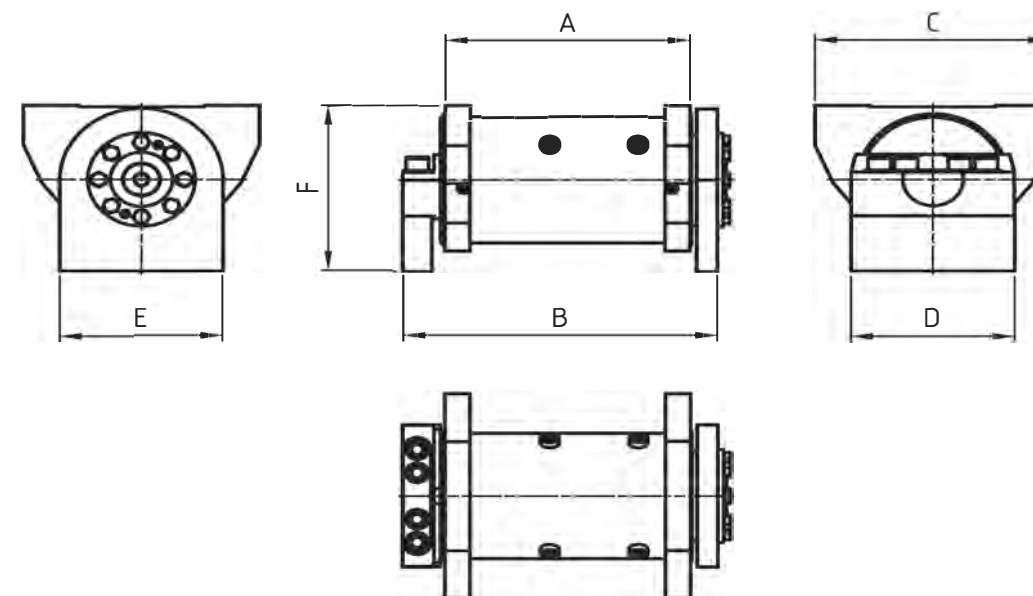
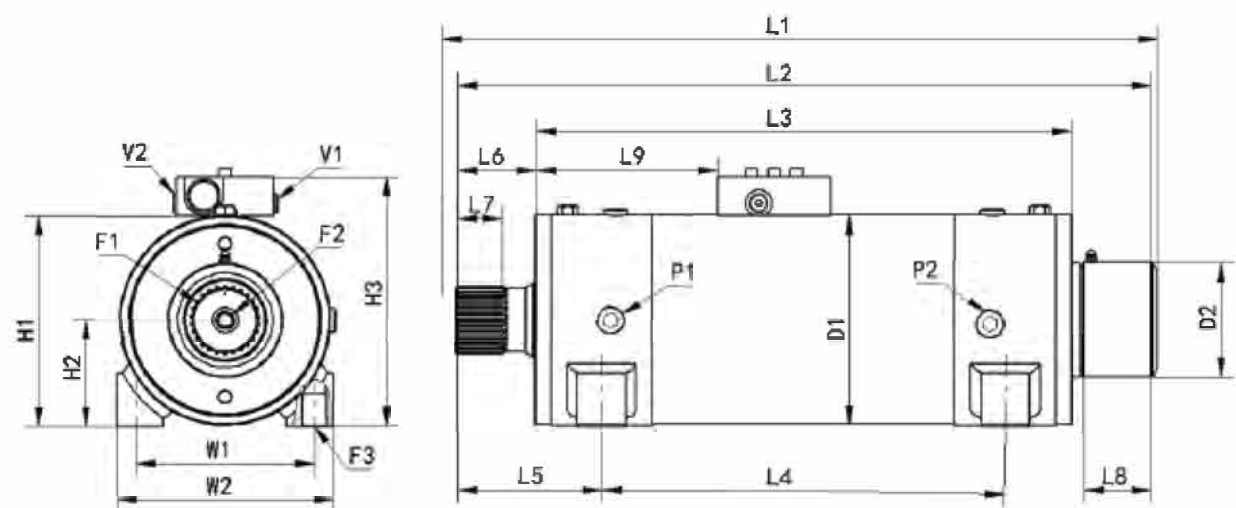
KT30 (Flange Mount) SERIES

型号 /Model	19	28	47	73	105	140	180	240
输出扭矩 /Drive Torque Nm@21MPa	1900	2800	4700	7300	10500	14000	18000	24000
保持扭矩 /Holding Torque Nm@21MPa	4900	6800	12000	18000	26000	35000	46000	59000
悬臂安装弯矩 /Max Cantilever Moment Nm	5200	7100	11900	18400	29500	38800	55900	72900
跨骑式安装弯矩 (180°) /Max Straddle Moment (180°) Nm	13400	16900	30800	47800	75100	98900	130500	170000
跨骑式安装弯矩 (360°) /Max Straddle Moment (360°) Nm	19200	24600	45400	71200	111500	146000	197700	256500
径向负载 /Radial Capacity kg	1800	2300	3600	5000	6800	8200	10000	11800
轴向负载 /Axial Capacity kg	1400	1800	2700	3600	4500	5900	6800	8200
排量 (180°) /Displacement (180°) cc	492	688	1180	1870	2680	3540	4650	6000
排量 (360°) /Displacement (360°) cc	980	1390	2360	3740	5360	7080	9320	12000
重量 (180°) /Weight (180°) kg	34.5	50	72.5	110	160	220	280	360
重量 (360°) /Weight (360°) kg	45.5	63.4	100	140	200	290	370	455
D1 筒体法兰直径 /Overall Flange Diameter mm	200	235	280	315	355	396	442	475
D2 止口直径 /Pilot Diameter mm	150	175	205	230	260	290	315	340
D3 安装盘直径 /Dia Of Mounting Flange mm	139	155	183	209	234	263	288	310
D4 壳体直径 /Housing Diameter mm	140	152	178	203	229	254	279	305
F1 法兰端螺丝孔尺寸 /Flange Screw Hole Size mm	M12*1.75	M16*2	M20*2.5	M22*2.5	M24*3	M27*3	M27*3	M30*3.5
F2 法兰端螺丝孔个数 /Flange Screw Hole Quantity	12	12	12	12	12	12	12	12
F3 法兰端螺丝孔中心圆直径 /Flange Screw Hole Center Circle Diameter mm	115	125	150	170	195	215	240	255
F4 端盖端螺栓孔尺寸 /Flange Housing Tapped Hole Size mm	M10*1.5	M12*1.75	M16*2	M20*2.5	M22*2.5	M24*3	M27*3	M27*3
F5 端盖端螺栓数量 /Number Of Threaded Holes in Flange Housing	12	12	12	12	12	12	12	12
F6 端盖端螺丝孔中心圆直径 /Flange Shell Screw Hole Center Circle Diameter mm	175	206	245	275	310	345	380	410
H1 中心到阀体顶部高度 /Centerline To Valve Top in mm	99.1	106	118	131	144	156	169	182
L1 总长度 (180°) /Overall Length (180°) mm	298	323	365	413	475	524	551	600
L1 总长度 (360°) /Overall Length (360°) mm	427	470	538	615	705	776	836	906
L2 不含旋转法兰长度 (180°) /Length Without Swivel Flange (180°) mm	261	286	323	363	431	463	493	534
L2 不含旋转法兰长度 (360°) /Length Without Swivel Flange (360°) mm	392	433	496	565	661	715	775	843
L3 法兰与平衡阀距离 (180°) /Length From Flange To Counterbalance Valve (180°) mm	75.2	134	143	130	152	185	196	221
L3 法兰与平衡阀距离 (360°) /Length From Flange To Counterbalance Valve (360°) mm	149	157	197	232	267	308	338	374
L4 外法兰厚度 /Mounting Flange Thickness mm	25.2	26	31	33	40	42	46	52
L5 外法兰和内法兰距离 /Distance from Outer Flange to Inner Flange mm	27	32	35	42	40	53	54	56
P1 P2 壳体油口 /Ports Housing	ISO-1179-1/BSPP 'G' 系列, 尺寸从 1/8 到 1/4, 详见图纸 / ISO-1179-1/BSPP 'G' Series, Size From 1/8 to 1/4, See Drawing For Details							
V1 V2 阀体油口 /Ports Valve	ISO-1179-1/BSPP 'G' 系列, 尺寸 3/8, 详见图纸 / ISO-1179-1/BSPP 'G' SAE Series, Size is 3/8, See Drawing For Details.							



KT30 (Foot Type) SERIES

型号 /Model	19	28	47	73	105	140	180	240
输出扭矩 /Drive Torque Nm@21MPa	1900	2800	4700	7300	10500	14000	18000	24000
保持扭矩 /Holding Torque Nm@21MPa	4900	6800	12000	18000	26000	35000	46000	59000
悬臂安装弯矩 /Max Cantilever Moment Nm	5200	7100	11900	18400	29500	38800	55900	72900
跨骑式安装弯矩 (180°) /Max Straddle Moment (180°) Nm	13400	16900	30800	47800	75100	98900	130500	170000
跨骑式安装弯矩 (360°) /Max Straddle Moment (360°) Nm	19200	24600	45400	71200	111500	146000	197700	256500
径向负载 /Radial Capacity kg	1800	2300	3600	5000	6800	8200	10000	11800
轴向负载 /Axial Capacity kg	1400	1800	2700	3600	4500	5900	6800	8200
排量 (180°) /Displacement (180°) cc	492	688	1180	1870	2680	3540	4650	6000
排量 (360°) /Displacement (360°) cc	980	1390	2360	3740	5360	7080	9320	12000
重量 (180°) /Weight (180°) kg	34.5	50	72.5	110	160	220	280	360
重量 (360°) /Weight (360°) kg	45.5	63.4	100	140	200	290	370	455
D1 安装盘直径 /Dia Of Mounting Flange mm	139	155	183	209	234	263	288	310
D2 壳体直径 /Housing Diameter mm	140	152	178	203	229	254	279	305
F1 法兰端螺丝孔尺寸 /Flange Screw Hole Size mm	M12*1.75	M16*2	M20*2.5	M22*2.5	M24*3	M27*3	M27*3	M30*3.5
F2 法兰端螺丝孔个数 /Flange Screw Hole Quantity	12	12	12	12	12	12	12	12
F3 法兰端螺丝孔中心圆直径 /Flange Screw Hole Center Circle Diameter mm	115	125	150	170	195	215	240	255
F4 端盖端螺栓孔尺寸 /Flange Housing Tapped Hole Size mm	M10*1.5	M12*1.75	M16*2	M20*2.5	M22*2.5	M24*3	M27*3	M27*3
F5 端盖端螺栓数量 /Number Of Threaded Holes in Flange Housing	12	12	12	12	12	12	12	12
F6 端盖端螺丝孔中心圆直径 /Flange Shell Screw Hole Center Circle Diameter mm	108	120	133	150	170	190	210	230
F7 安装孔直径 /Dia Of Mount mm	M16	M20	M22	M24	M27	M30	M36	M36
H1 不含平衡阀高度 /Centerline To Valve Top in mm	156	186	212	240	276	305	327	362
H2 底面距中心线高 /Height of Center Hole mm	80	94.9	108	122	140	154	165	184
H3 地脚高 /Foot Height mm	48	70	78	88	105	110	120	135
H4 总高度 /Overall Height mm	179	201	226	271	283	310	334	366
L1 总长度 (180°) /Overall Length (180°) mm	298	323	365	413	475	524	551	600
L1 总长度 (360°) /Overall Length (360°) mm	427	470	538	615	705	776	836	906
L2 不含旋转法兰长度 (180°) /Length Without Swivel Flange (180°) mm	261	286	323	363	431	463	493	534
L2 不含旋转法兰长度 (360°) /Length Without Swivel Flange (360°) mm	392	433	496	565	661	715	775	843
L3 法兰与平衡阀距离 (180°) /Length From Flange To Counterbalance Valve (180°) mm	75.2	134	143	130	152	185	196	221
L3 法兰与平衡阀距离 (360°) /Length From Flange To Counterbalance Valve (360°) mm	149	157	197	232	267	308	338	374
L4 地脚安装孔距离 (180°) /Mounting Length (180°) mm	229	248	281	314	374	400	426	460
L4 地脚安装孔距离 (360°) /Mounting Length (360°) mm	358	395	454	516	604	652	708	766
L5 法兰与安装孔距离 /Flange to Mounting Hole mm	38.1	43.9	50	56.9	59.9	74.2	75.9	80
W1 地脚安装孔宽度 /Mounting Width mm	190	230	260	300	340	380	410	450
W2 总宽度 /Overall Width mm	222	268	310	350	400	447	484	530
P1 P2 壳体油口 /Ports Housing	ISO-1179-1/BSPP 'G' 系列, 尺寸从 1/8 到 1/4, 详见图纸 / ISO-1179-1/BSPP 'G' Series, Size From 1/8 to 1/4, See Drawing For Details							
V1 V2 阀体油口 /Ports Valve	ISO-1179-1/BSPP 'G' 系列, 尺寸 3/8, 详见图纸 / ISO-1179-1/BSPP 'G' SAE Series, Size is 3/8, See Drawing For Details.							



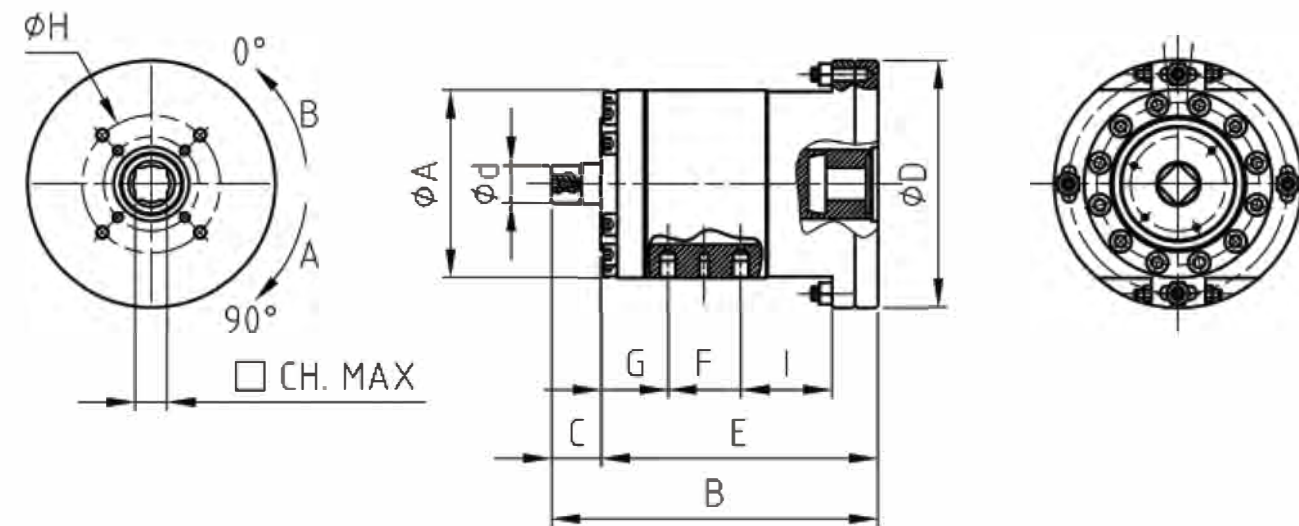
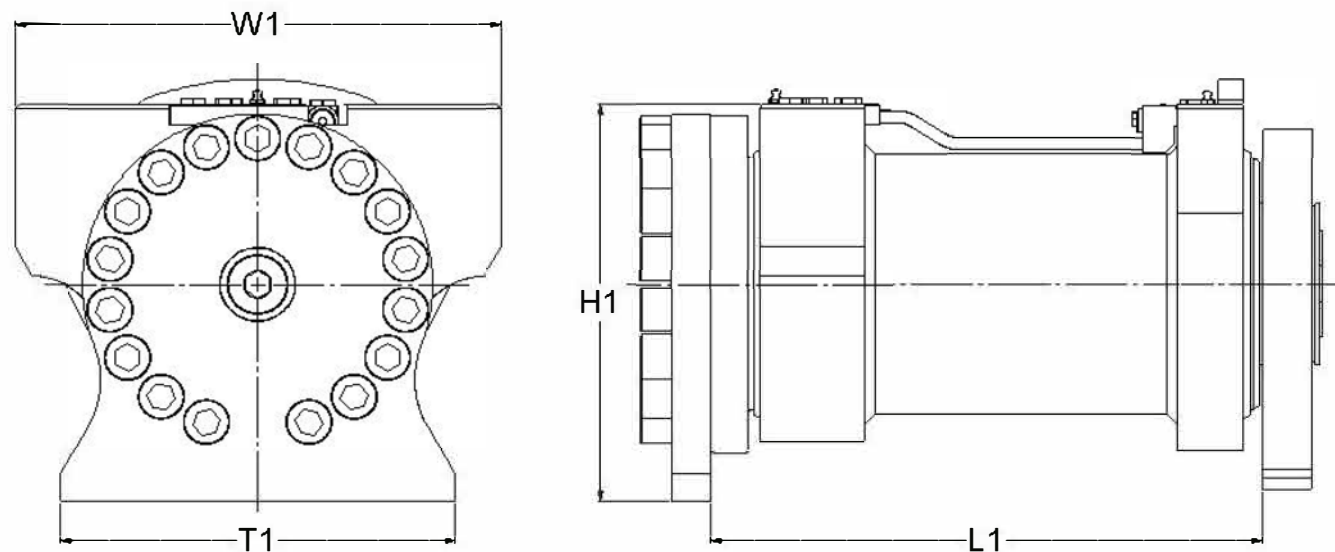
KT40 SERIES

型号 /Model	28	50	67
输出扭矩 /Drive Torque Nm@21MPa	2800	5000	6700
保持扭矩 /Holding Torque Nm@21MPa	6100	10600	14300
旋转角度 /Rotation Angle	220°	220°	200°
跨骑安装最大弯矩 /Max Cantilever Moment Nm	4200	7600	10100
径向负载 /Radial Capacity kg	2040	3130	3900
轴向负载 /Axial Capacity kg	2040	3130	3900
排量 /Displacement cc	775	1360	1650
重量 /Weight kg	33.6	58	75
D1 安装盘直径 /Dia Of Mounting Flange mm	140	165	178
D2 花键连接器 (可选) 直径 /Spline Connector (Optional) Diameter mm	80	89.9	98.3
F1 轴端花键尺寸 /Shaft end spline size	公制尺寸, 详见图纸 /Metric Dimensions, See Drawing For Details		
F2 轴端固定孔规格 (两端) /Shaft End Fixing Hole Size (Both Ends) mm	M12*1.75	M12*1.75	M12*1.75
F3 地脚安装孔螺栓规格 /Foot Thread Mounting Hole Specifications mm	M16*2	M20*2.5	M22*2.5
H1 不含平衡阀高度 /Height without counterbalance valve mm	150	176	203
H2 底面距中心线高 /Height of Center Hole mm	73.2	83.9	102
H3 总高度 /Overall Height mm	173	196	220
L1 总长度, 含连接器 /Overall Length With Connectors mm	431	561	608
L2 总长度, 不含连接器 /Overall Length Without Connectors mm	417	546	579
L3 不含旋转部分长度 /Length Without Swivel Flange mm	335	422	445
L4 地脚安装孔距 /Foot Mounting Hole Distance	265	320	320
L5 轴端面与安装孔距离 /Distance Between Shaft End and Mounting Hole mm	75.1	113	130
L6 轴伸 /Shaft Extension mm	40.9	61.9	67.6
L7 花键长度 /Spline Length mm	20.6	40	49
L8 可选花键连接器长度 /Optional Spline Connector Lengths mm	32.5	52.6	60.5
W1 地脚安装孔宽度 /Mounting Width mm	104	140	150
W2 总宽度 /Overall Width mm	133	170	203
P1 P2 壳体油口 /Ports Housing	ISO-1179-1/BSPP 'G' 系列, 尺寸从 1/8 到 1/4, 详见图纸 / ISO-1179-1/BSPP 'G' Series, Size From 1/8 to 1/4, See Drawing For Details		
V1 V2 阀体油口 /Ports Valve	ISO-11926/SAE 系列, 尺寸为 7/16, 详见图纸 /ISO-11926/SAE Series, Size is 7/16, See Drawing For Details.		

KT50 SERIES

型号 /Model	05	06	07	08	09	10	11	12	
驱动扭矩 /Drive Torque (Nm)	930	2870	4300	7350	10020	13770	18830	23770	
保持扭矩 /Holding Torque (Nm)	2260	7270	10800	17250	26450	36420	47840	62110	
重量 /Weight (kg)	25	52	84	110	182	220	320	430	
排量 /Displacement (L/min)	3-6	3-6	6-12	12-20	24-28	24-32	32-44	36-52	
旋转角度 /Total Tilt	180°	180°	180°	180°	134°	134°	134°	134°	
最大机器重量 /Maximum Machine Weight (kg)	1800	3800	6800	9100	13000	20000	27000	35000	
尺寸 / Dimension(mm)	A	05	06	07	08	09	10	11	12
	B	930	2870	4300	7350	10020	13770	18830	23770
	C	2260	7270	10800	17250	26450	36420	47840	62110
	D	25	52	84	110	182	220	320	430
	E	3-6	3-6	6-12	12-20	24-28	24-32	32-44	36-52
	F	180°	180°	180°	180°	134°	134°	134°	134°





KTPT2 SERIES

型号 /Model	4.5	30	50	70	100	180	240	300	465
实际机器重量 /Actual Machine Weight (tonnes)	1.5 - 1.8	1.9-3.0	3.0-5.0	5.0-7.0	7.0-10.0	11.0-18.0	18.0-23.0	24.0-32.0	32.0-50.0
高度尺寸 H1/Height Dim H1 (mm)	203	170	193	259	285	294	375	382	418
长度尺寸 L1/Length Dim L1 (mm)	215	242	270	343	378	432	495	535	583
宽度尺寸 W1/Width Dim W1 (mm)	190	190	218	254	280	380	465	480	550
宽度尺寸 T1/Width Dim T1 (mm)	98	120	130	160	180	310	330	350	400
含歧管的重量 /Weight (w/ manifold/no feet) (kg)	23	27	39	67	84	142	213	253	332
驱动扭矩 207bar/Drive Torque 207bar (Nm)	930	1630	2600	4375	6650	13300	17875	24860	44300@310bar
制动扭矩 225bar/Brake Torque 225bar (Nm)	2260.0	6430	9350.0	14850	20450.0	40725	53100	70280.0	111800@324bar

KTRL75/200 SERIES

型号 /Model	75	110	140	200
ΦA	132	137	151	151
B	260	286	299	330
C	37	37	50	37
Φd	30	30	30	30
ΦD	169	179	168	199
E	223	249	249	293
F	58	58	58	75
G	37	38	38	38
ΦH	102-F10-	125-F12-	102-F10-	140-F14-
I	91	111	-	135
CH.(max)	36	44	36	52
Min./Max.PRESSURE(bar)	30~160	30~160	30~160	30~160
扭矩 /Torque (Nm@100bar)	790	1160	790	1997
排量 /Displacement (cm³)	179	262	179	450
重量 /Weight	19	27	22	35
油口 /Ports	1/4	1/4	1/4	1/4
工作温度 /Working Temp. (°C)	-20~80	-20~80	-20~80	-20~80
位置指示器 /Position Indicator Kit (optional)	RL33/K...	RL33/K...	RL33/K...	RL33/K...



Hydraulic rotary actuator is widely used in all aspects of construction machinery, and the picture are used in coal mining machinery and tunnel equipment.

The picture shows the application of hydraulic rotary actuator in wet spray trolley, usually x/y axis installation of two swing cylinder to provide different direction of rotation.



The picture shows the application of hydraulic rotary actuator at the joint of excavator bucket. The bucket rotation is realized on the basis of car body immobility, and the working efficiency is greatly improved.

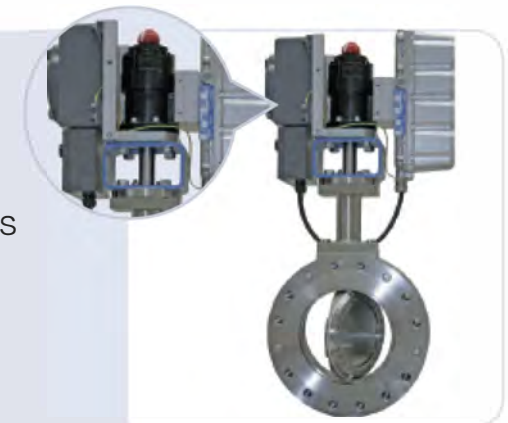
The picture shows the application of hydraulic rotary actuator in the aerial work truck, which can make the working platform rotate freely and enhance the operation efficiency.

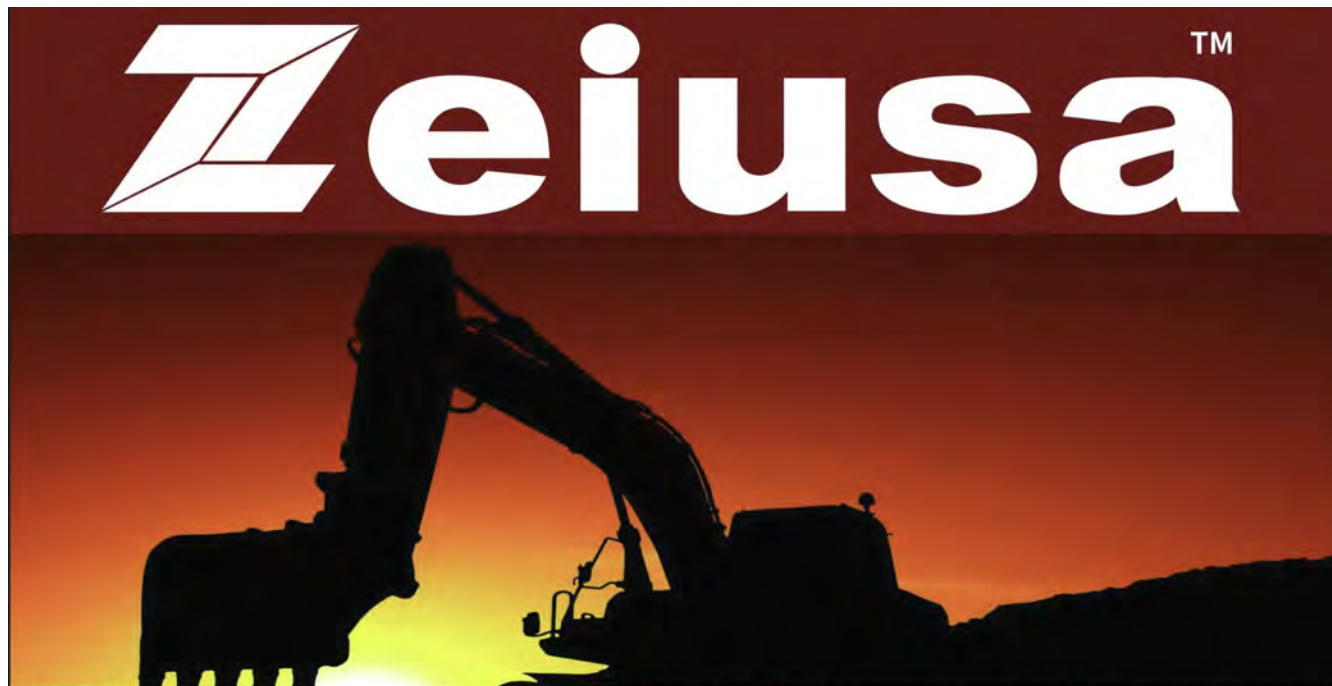


The picture shows the application of hydraulic rotation actuators on a garbage sweeper, which simplifies the turning motion and makes turning more reliable.



The picture shows the application of hydraulic rotary actuators in oil pipelines and other valves to achieve remote safe and efficient operation.





ZEIUSA LLC +1 716-288-8317 www.zeiusa.com