

ZH

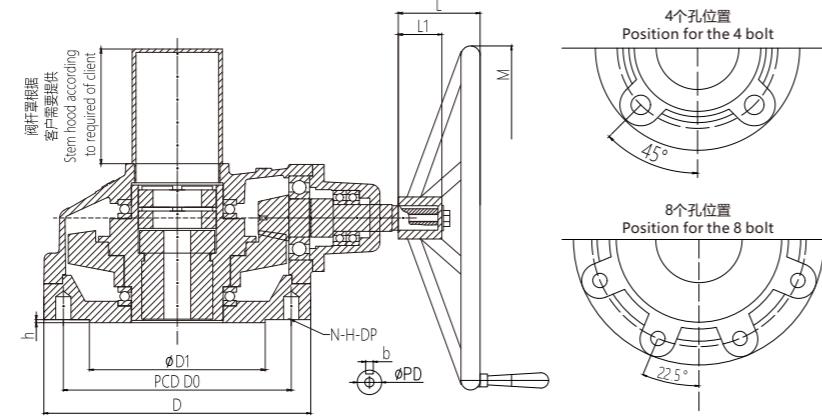
多回转型阀门手动装置

ZH Series Multi-turn manual gear actuator



ZH 系列多回转齿轮箱采用弧齿锥齿轮具有高安全，高品质的优点。测试证明ZH系列与传统伞齿轮箱相比具有更高的传动效率，承载能力更强，扭矩更大，运行更平稳等特点。Zh系列密封性能高，防水防油漏性能好。该系列手轮和轴套可拆卸，便于定制加工以符合各种工况要求。ZH系列有手动和电动两种操作方式，法兰符合 ISO 5210 标准。

This bevel gearbox can be installed directly on the gate valves, butterfly valves, plug valves, globe valves and other valves. By using spiral bevel gears and thrust ball bearing, this series actuator can run smoothly, and has high output torque, low noise and high efficiency. It can avoid from water in and grease out. Protection grade is IP65. For special environment can be done IP68 and immersion. Handwheel and stem cover can be customized. For different valves and requirement, there are single stage gearboxes with input flange, two stage gearboxes with input flange, two stage manual gearboxes and so on.



型号 Model	ZH-00	ZH-0	ZH-01	ZH-1	ZH-02	ZH-2	ZH-03	ZH-3	ZH-3-1S	ZH-4	ZH-4-1S
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技术参数 TECHNICAL-PARAMETERS

速比 Ratio	4:1	4:1	4:1	4:1	6:1	6:1	6:1	6:1	35.94:1	6:1	35.94:1
最大扭矩 Max-torque Nm	500	850	1350	1700	2960	3870	4320	4750	7800	5620	9000
最大阀杆直径 Max-stem dia. mm 铜螺母 Copper-nut	Φ30	Φ43	Φ48	Φ56	Φ60	Φ70	Φ80	Φ92	Φ100	Φ100	Φ100

连接尺寸 CONNECTION-SIZE

法兰号 Flange	F14	F16	F25	F25	F30	F30	F35	F35	F35	F35	F35
法兰外圆 (D)	175	210	300	300	350	350	415	415	415	415	415
连接孔 中心 PCD	D0	140	165	254	254	298	298	356	356	356	356
	N-H-DP	4-M16-24	4-M20-30	8-M16-24	8-M20-30	8-M20-30	8-M30-45	8-M30-45	8-M30-45	8-M30-45	8-M30-45
凸面 Convex (D1xh)	100X3	130X3	200X4	200X4	230X4	230X4	260X5	260X5	260X5	260X5	260X5

手轮尺寸 HANDWHEEL

L	65	65	85	85	95	95	95	95	95	95	95
手轮 hand wheel	PD	25	25	32	32	32	38	38	32	38	32
	(b) key	8X7	8X7	10X8	10X8	10X8	12X8	12X8	10X8	12X8	10X8
	L1	40	40	50	50	55	55	55	55	55	55
	M	300	350	450	450	520	600	600	600	900	600

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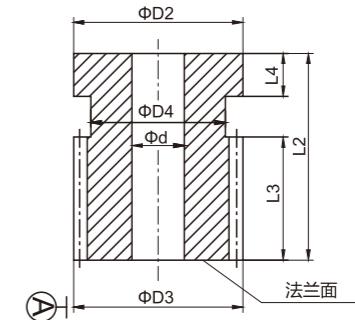


BA阀杆螺母外形尺寸

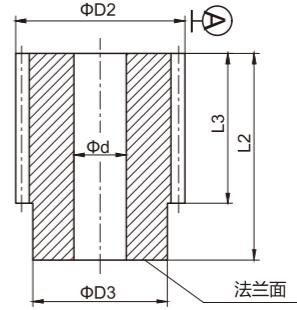
用户可根据该图选择加工阀杆螺母极限尺寸，加工内孔d时，注意与基准A的同轴度。
阀杆螺母材质有H62, H94, D-2, ASTM A536 65-45-12等，用户可以根据需求选择。

BA stem nut dimension

User could machining the limit stem nut hole according to this drawing. When you machining hole d, please pay attention to coaxality with reference A.
Stem nut material: brass H62, bronze H94, ductile iron, D-2 and so on. you can choose it depends on your demand.



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This chart types are:
ZH-000
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ZH-0
ZH-01
ZH-1
ZH-02
ZH-2



此图型号有
This chart types are:
ZH-03
ZH-3
ZH-3-1S
ZH-4
ZH-4-1S

型号 Dimensions	ZH-00	ZH-0	ZH-01	ZH-1	ZH-02	ZH-2	ZH-03	ZH-3	ZH-3-1S	ZH-4	ZH-4-1S
D3	57	67	70	74	84	93	98	110	110	128	128
D2	57	68	74	78	88	98	111	123	123	141	141
L4	15	18	20	23	20	20					
L3	35	39	40	47	56	74	91	99	99	99	99
L2	60	67	70	80	88	106	112	140	140	155	155
D4	44.5	61.5	63	67	75.5	84.5					