



主要特点:

- 1、设计简单，结构紧凑，重量轻。
- 2、铸铁，铝合金箱体，坚固耐用。
- 3、采用ISO5211连接标准，直接安装无需支架。
- 4、自动手动转换方便。
- 5、采用90°双键槽轴孔，便于多相位阀门安装。
- 6、气候防护等级达到IP65。

Main characteristics:

- 1、simple design,compact structure
- 2、ductile cast iron shell,durable
- 3、connectors with ISO5211 international standards,and instal directly without bracket.
- 4、convenient for automatic and manual conversion
- 5、Easy connection: There are two keyway apart 90° the inner hole of worm gear so as to be convenient for customer to choose relative position between gear operator and valve.
- 6、climate protection garde reach Ip65

主要用途

本减速器与气动装置联合使用，用于开启90°的蝶阀、球阀等，实现手动或气动驱动。

Main usage

These kinds of products were specially designed used for butterfly valve, ball valve and plug valve together with pneumatic actuator.

操作说明

- 1、减速器底面与阀门连接，上支架面与气缸连接，阀轴配合穿过蜗轮内孔，阀轴端四方与气缸方孔配合；(工作过程：气动时，气缸带动阀轴、蜗轮同转。手动时，蜗杆与蜗轮啮合，带动阀轴转动，气缸活塞亦随动)。
- 2、手柄位于上方位置，手动操作，不能气动。拉出限位销，顺时针转动手柄至下方位置。蜗轮、蜗杆脱开，实现气动。
- 3、手柄位于下方位置时，气动操作，无法手动。拉出限位销，逆时针转动手柄至上方位置。蜗轮、蜗杆啮合，实现手动。气动切换手动过程中会出现顶齿现象，需转动手轮一个角度，确保蜗轮与蜗杆正确啮合，才能手动。
- 4、气动与手动不能同时驱动。

Instructions for use

- 1、reducer and the bottom surface of the valve is connected, on the support surface is connected with the cylinder, valve shaft through a worm hole, the valve shaft end square matched with the cylinder hole; (process: pneumatic cylinder to drive the valve shaft, With the transfer gear. Manual, engaged with the worm wheel, driven by the rotation of the valve shaft, cylinder piston also follow-up).
- 2、the handle is located above the position, manual operation, not pneumatic. Pull out the limit pin, rotate the handle clockwise to the lower position. The worm, worm disengage, pneumatic.
- 3、handle at the lower position, pneumatic operation, no manual. Pull out the limit pin, counterclockwise rotation of the handle to the top position. The worm, worm gear, manual. Pneumatic switch manual process
Top teeth phenomenon, a rotation handwheel, ensure that the worm wheel and the worm gear mesh correctly, you can manually.
- 4、pneumatic drive and manual cannot.

XLHJ系列手轮机构技术参数 XLHJ Series Gear Operator of Technical parameters

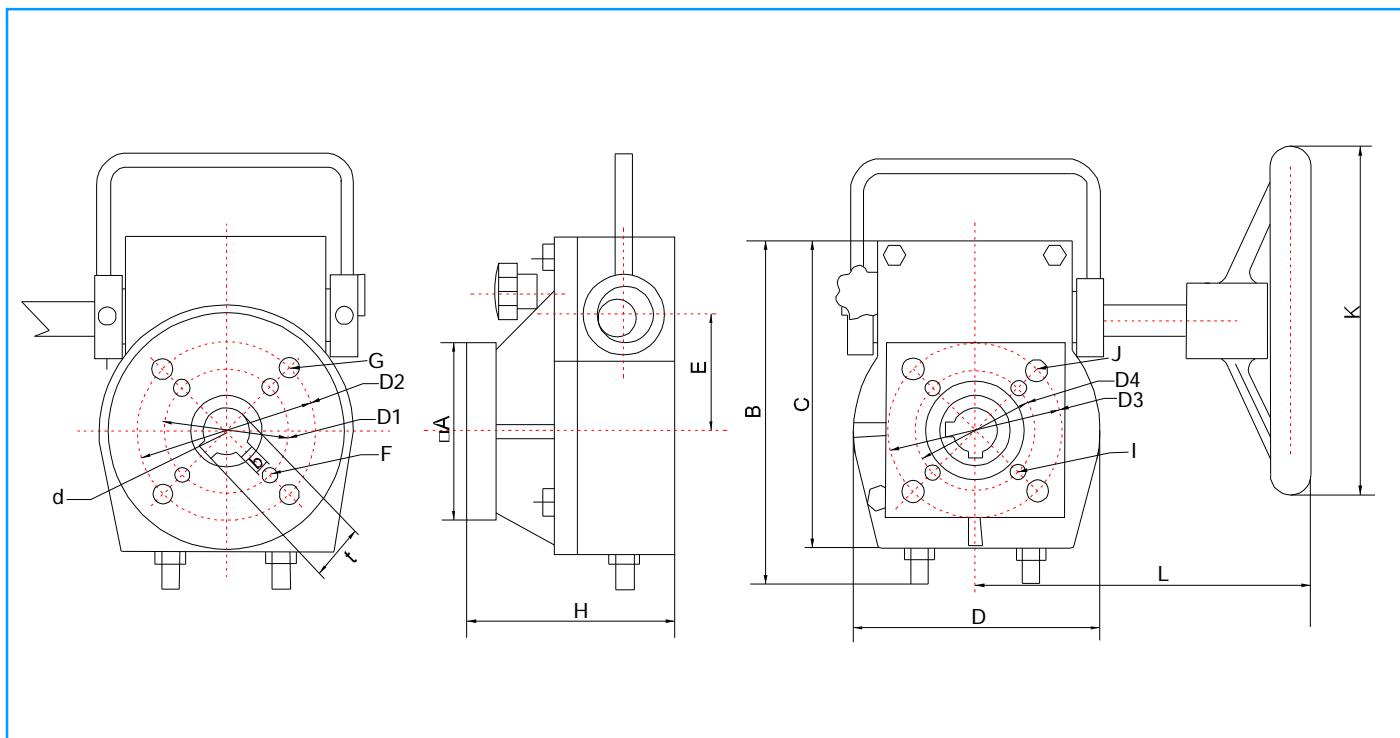
序号 No	型号 Model	齿轮齿数比 Gear Ratio	输入力矩 Input Torque(Nm)	输出力矩 Output Torque(Nm)	重量 Weight(Kg)
1	XLHJ26	26:01:00	70	300	7.3
2	XLHJ38	38:01:00	60	550	11.8
3	XLHJ54	54:01:00	120	1200	17.3
4	XLHJ80	80:01:00	140	2000	35
5	XLHJ78A	78:01:00	200	3600	48.2
6	XLHJ98	98:01:00	300	9000	156
7	XLHJ100	100:01:00	400	13000	190
8	XLHJ118	118:01:00	900	22100	540

XLHJ手轮操作机构



Hand-wheel Gear Box - XLHJ Series Gear Operator

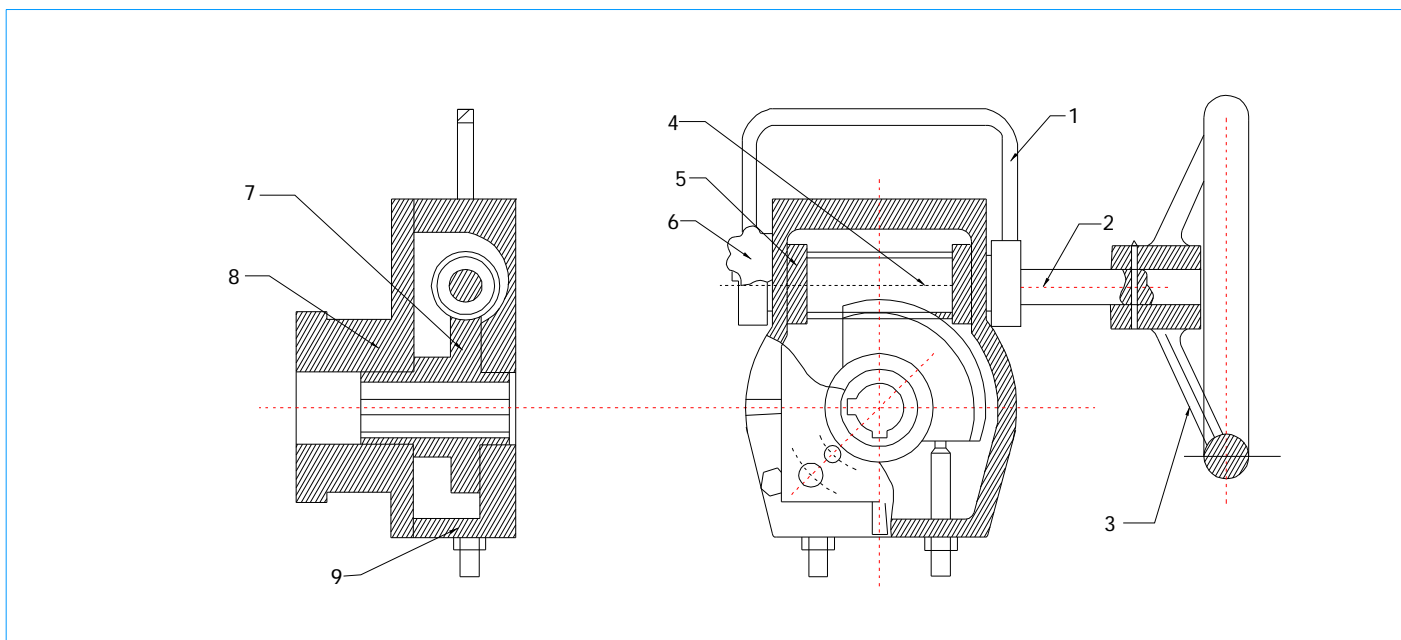
XLHJ系列手轮机构连接尺寸表 XLHJ Series Gear Operator Size



Model	d	b	t	D1	F	D2	G	A	H	E	D3	I	D4	J	K	L	B	C	D
XLHJ26:1	22	6	24.8			70	M8	70	99	50.5			70	ø9	ø200	155	160	145	110
XLHJ38:1	26	8	29.3	70	M8			100	117	65	70	ø9			ø200	195	195	175	140
	38	10	41.3			102	M10	110											
XLHJ54:1	38	10	41.3	125	M12			130	118	85	125	ø14			ø300	205	235	215	180
	48	14	51.8			140	M16												
XLHJ80:1	48	14	51.8	140	M16			156	148	124	140	ø18			ø400	245	320	298	250
	60	18	64.4			165	M20												
XLHJ78:1	60	18	64.4	165	M20			220	150	142	165	ø22							
	80	22	85.6																
XLHJ98:1	80	22	85.6	165	M20			230	195	229	165	ø22			ø800	410	550	530	460
XLHJ100:1	100	28	107	254	M16			300	195	258	254	ø18			ø800	430	605	585	520
XLHJ118:1	120	32	129	356	M30			ø445	250	391	356	ø32			ø1000	550	900	870	800
	180	45	196	483	M36			ø600	275	390	483	ø39			ø600	600	1050	900	850

XLHJ手轮操作机构

Hand-wheel Gear Box - XLHJ Series Gear Operator



NO	部件 Part	数量 Qty	材质 Material	Optional material
1	手柄 Handle	1	Carbon steel	
2	涡轮杆 Worm shaft	1	45 GB699-88	
3	手轮 Hand wheel	1	HT200 GB 9439-88	WCB GB12229-88
4	蜗杆 Worm	1	45 GB699-88	
5	偏心套组件 Off-center sleeve sub-assembly	1	Carbon steel	
6	限位螺杆 positioning screw	1	Carbon steel	
7	涡轮 Worm gear	1	QT500-7 GB1348-88	
8	支架盖 Bracket cap	1	HT200 GB 9439-88	WCB GB12229-88
9	壳体 Body	1	HT200 GB 9439-88	WCB GB12229-88

齿轮齿数比 Gear Ratio	输入力矩 Input Torque(Nm)	输出力矩 Output Torque(Nm)	重量 Weight(Kg)	¥
26:01:00	70	300	7.3	520
38:01:00	60	550	11.8	740
54:01:00	120	1200	17.3	920
80:01:00	140	2000	35	1170
78:01:00	200	3600	48.2	1840
98:01:00	300	9000	156	2520
100:01:00	400	13000	190	4760
118:01:00	900	22100	540	4760