

Declutchable Gear Operator (手轮机构)

Advantages 产品特性

01 Compact and Flexible 结构紧凑，设计简单，重量轻。

Compact and simply design, light in weight.

02 Travel stops 限位螺栓可进行 $\pm 5^\circ$ 调节。

The IST65G Series offer bi-directional stops allowing $\pm 5^\circ$ of travel adjustment to give ranges from 85° to 95° .

03 Safe & Simple Operation 手动切换安全简便。

A simple quarter turn lever controls the gear clutch action. To ensure safe operation a spring loaded locking pin must be manually disengaged before the clutch lever can be operated.

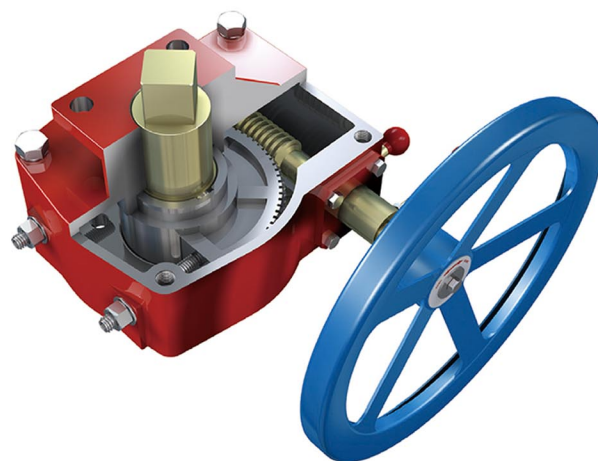
04 ISO5211 Mounting Pad 采用ISO5211标准连接。

The gearbox is designed to the ISO5211 interface standards, for optimum strength, and standardized dimensions.

05 Torque Outputs 输出扭矩范围广，最大扭矩可达67000Nm。

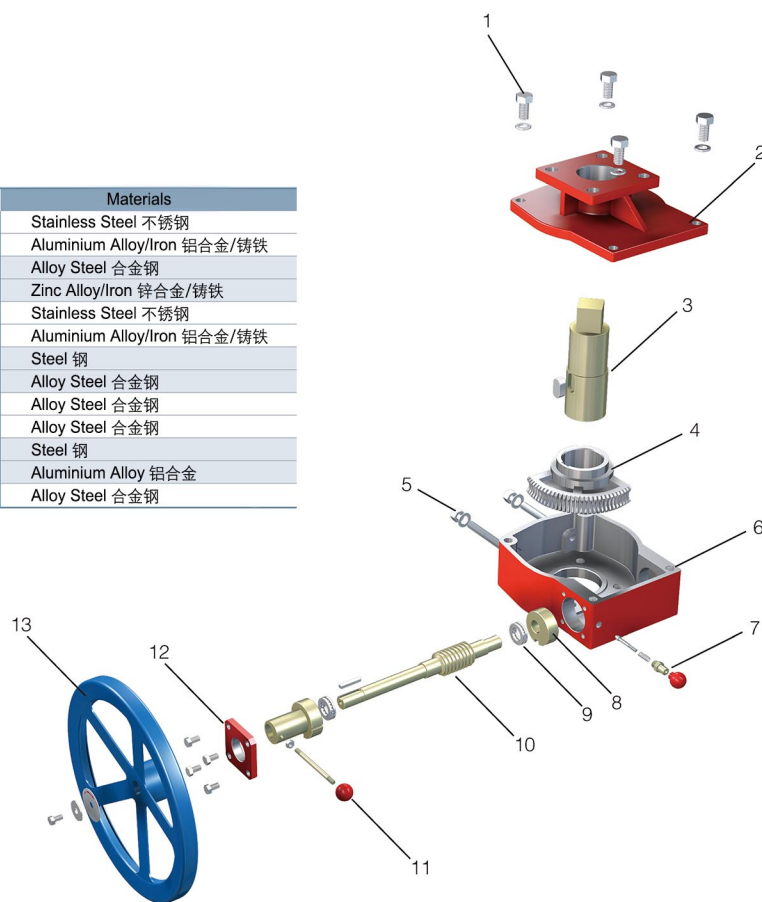
The IST65G series is available for torque output ranges from 150 to 67000Nm.

06 Weatherproof is IP67 防护等级可达到IP67。

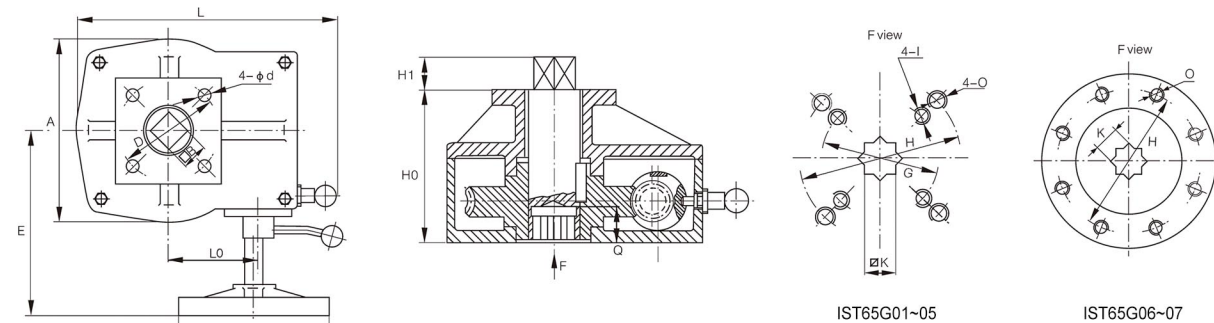


Materials 材料表

No.	Description	Materials
1	Screw 螺丝	Stainless Steel 不锈钢
2	Upper cap 上盖	Aluminium Alloy/Iron 铝合金/铸铁
3	Shaft 输出轴	Alloy Steel 合金钢
4	Turbine 蜗轮	Zinc Alloy/Iron 锌合金/铸铁
5	Adjusting Blot 调节螺栓	Stainless Steel 不锈钢
6	Case 箱体	Aluminium Alloy/Iron 铝合金/铸铁
7	Rod 拉杆	Steel 钢
8	Eccentric Wheel 偏心轮	Alloy Steel 合金钢
9	Bearing 轴承	Alloy Steel 合金钢
10	Worm 蜗杆	Alloy Steel 合金钢
11	Lever 拨杆	Steel 钢
12	Little Cap 小盖板	Aluminium Alloy 铝合金
13	Handwheel 手轮	Alloy Steel 合金钢

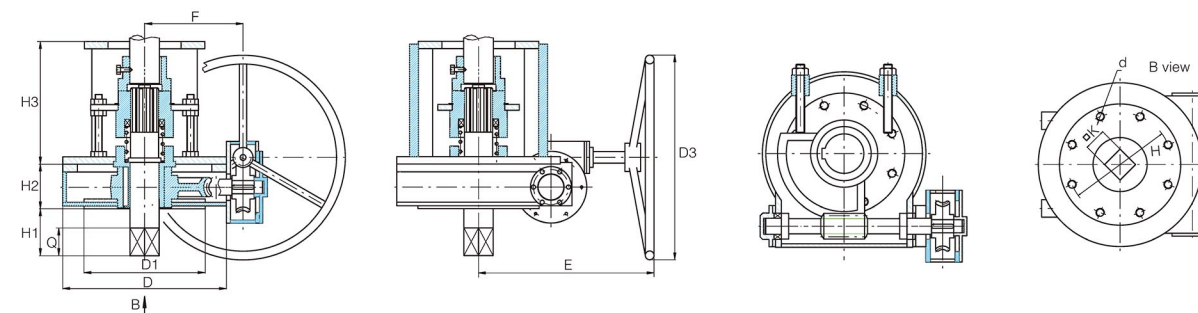


Dimension 尺寸图



MODEL	H0	H1	B	K	Q	A	L	N	L0	D	d	O*depth	G	I*depth	E	Ratio	Output Torque(Nm)
IST65G01	93	15	14	14	16	98	147	140	42	50	7	4-M8*10	50	M6*8	130	38:1	150
IST65G02	108	19	17	17	19	106	170	180	53	70	9	4-M8*10	70	M6*8	145	51:1	300
IST65G03A	128	25	22	22	25	136	210	250	74	102	12	4-M12*16	102	M10*14	180	42:1	800
IST65G03B	128	25	27	27	25	136	210	250	74	102	12	4-M12*16	102	M10*14	180	42:1	800
IST65G04	164	38	36	36	40	200	254	340	97	140	18	4-M16*22			220	51:1	3500
IST65G05	181	48	46	46	50	256	348	500	126	165	22	4-M20*28			292	50:1	5000
IST65G06A	228	50	46	46	50	372	430	500	186	165	22	4-M20*28			400	79:1	10000
IST65G06B	228	50	55	55	60	372	430	500	186	254	8-18	8-M16*22			400	79:1	10000
IST65G07	324	55	55	55	60	505	610	650	250	254	8-18	8-M16*22			495	87:1	150000

Dual step worm dimension 双级蜗杆手动机构尺寸图



MODEL	D	D1	H	d	K	H1	Q	H2	H3	F	E	D3	Ratio	Output Torque(Nm)
IST65G10	300	300	254	8-M16	55	120	70	164	208	298	428	550	459:1	10000
IST65G11	350	350	298	8-M20	55	120	70	170	316	303	508	550	459:1	20000
IST65G12	550	425	356	8-M30	75	160	95	153	420	337	600	700	715:1	35000
IST65G13	676	475	406	8-M36	90	175	110	180	492	420	690	800	715:1	67000