

● PRODUCT SERIES 产品系列

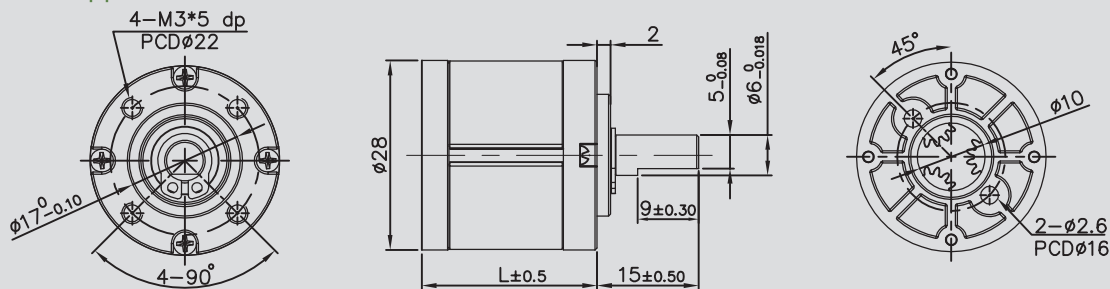
行星减速机 Planetary Gearbox PG28



外壳材质 (Housing material): metal
 背隙,无负荷时 (Backlash,at no-load): $\leq 1.5^\circ$
 轴承型号 (Bearing at output): Ball bearings
 径向间隙 (Radial play of shaft): ≤ 0.1 mm
 轴向间隙 (Thrust play shaft): ≤ 0.2 mm
 齿轮箱适用于BL28,RS-385和RS-395马达。
 (The gear box can apply to BL28,RS385 and RS-395 motors)

⚠ 马达瞬间允许扭矩75kgf·cm。当使用低转速、高速比时，请选用低功率马达，请做好保护措施。
 (When the motors using at low speed , high gear ratio will cause gear motor torque more than 75kgf.cm.At this torque the gears will be broken easily. Be noted.)

外形尺寸图/Appearance size



马达齿轮参数/Pinion Specifications

模数 Module	0.48	0.48	0.48
齿数 NO.of teeth	11	17	17
压力角 Pressure angle	20°	20°	20°
孔径 Hole diameter	φ 1.98	φ 2.28	φ 3.14

使用温度范围/Operating temperature range: $-30^\circ\text{C}\sim+85^\circ\text{C}$
 使用相对湿度/Operating relative humidity: 20%~85%RH

标准减速比参数/Gearboxes Specifications

减速比 Raduction ratio	精确减速比 Raduction absolute	额定允许扭矩 Rated tolerance torque	极限扭矩 Max breaking torque	效率 Efficiency	级数 Number of stages	齿轮箱长度 “L” mm	输入输出方向 Input/output direction
3.3, 4.6	3.353, 4.636	10.0kgf·cm	30.0kgf·cm	90%	1	20.2	=
11.2, 15.5, 21.5	12.242, 15.545, 21.496	20.0kgf·cm	60.0kgf·cm	81%	2	25.9	=
37.7, 52.1	37.694, 52.123	50.0kgf·cm	150.0kgf·cm	73%	3	31.7	=
72, 100	72.074, 99.663	50.0kgf·cm	150.0kgf·cm	73%	3	31.7	=
126, 174, 241	126.387, 174.765, 241.661	50.0kgf·cm	150.0kgf·cm	65%	4	37.5	=
334, 462	334.163, 462.072	50.0kgf·cm	150.0kgf·cm	65%	4	37.5	=
423, 585	423.769, 585.978	50.0kgf·cm	150.0kgf·cm	59%	5	43.3	=
810, 1120	810.276, 1120.429	50.0kgf·cm	150.0kgf·cm	59%	5	43.3	=
1549, 2142	1549.301, 2142.335	50.0kgf·cm	150.0kgf·cm	59%	5	43.3	=

○ 以上参数仅做参考，具体以实物为准。
 The above parameters are for reference only.