

● PRODUCT SERIES 产品系列

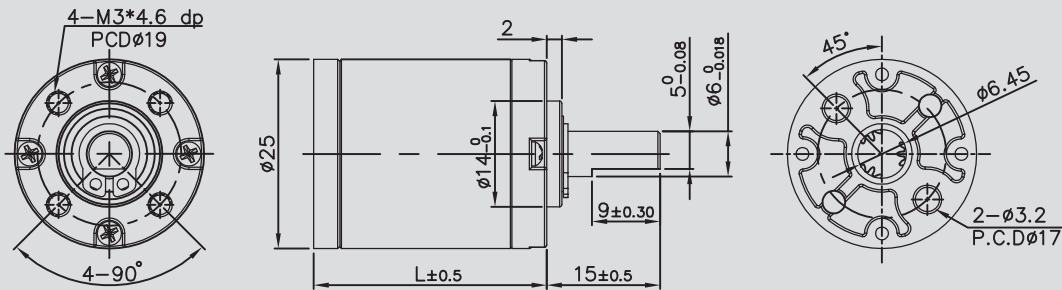
行星减速箱 Planetary Gearbox PG25



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): Sleeve 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RF-370和2238马达。
 (The gear box can apply to RF-370 and 2238 motors)

⚠ 马达瞬间允许扭矩30kgf·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 30kgf.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	0.4	0.4		
齿数 NO.of teeth	12	15		
压力角 Pressure angle	20°	20°		
孔径 Hole diameter	φ 1.98	φ 2.28		

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
3.6, 4.25	33/5, 41/4	3.0kgf·cm	9.0kgf·cm	90%	1	18.3	=
13, 15.3, 18	1224/25, 153/10, 191/16	5.0kgf·cm	15.0kgf·cm	81%	2	25	=
36, 46.7	361/10, 4682/125	10.0kgf·cm	30.0kgf·cm	73%	3	30.8	=
55, 65, 76.8	552/25, 651/40, 7649/64	10.0kgf·cm	30.0kgf·cm	73%	3	30.8	=
114, 130	11419/60, 12924/25	10.0kgf·cm	30.0kgf·cm	65%	4	36.6	=
168, 198	167601/625, 19836/125	10.0kgf·cm	30.0kgf·cm	65%	4	36.6	=
234, 276, 326	2341/100, 2769/25, 3261/4	10.0kgf·cm	30.0kgf·cm	65%	4	36.6	=
467, 604, 713	4673/4, 60433/50, 7137/10	10.0kgf·cm	30.0kgf·cm	59%	5	42.4	=
842, 994	8427/10, 99422/25	10.0kgf·cm	30.0kgf·cm	59%	5	42.4	=
1174, 1386	11741/2, 13862/3	10.0kgf·cm	30.0kgf·cm	59%	5	42.4	=

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