

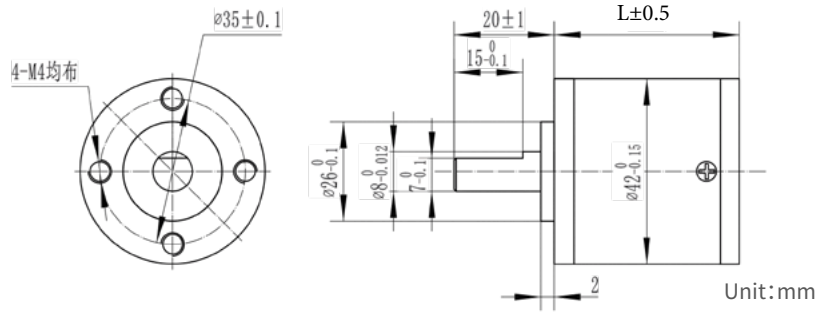
PG42A-PM-HT 行星齿轮箱粉末冶金款斜齿 42 (mm)

Planetary gearbox powder metallurgy Ver. 42(mm)



外壳材质 Housing material	输出轴承形式 Bearing at output	径向负载 (N) Radial load (10mm from flange)	轴向负载 (N) Shaft axial load	静态主轴最大承受压入力 Shaft press fit force max Static (N)	径向间隙 (mm) Radial play of shaft	轴向间隙 (mm) Thrust play of shaft	背隙 (无负载时) Backlash at no-load
粉末冶金 Powder metallurgy	滚珠轴承 Ball bearing	≤120	≤80	≤500	≤0.03	≤0.1	≤1.5°
减速比级数 Number of gearbox trains	1	2		3			
减速比 Reduction Ratio	1/4 1/6	1/15 1/25	1/18 1/36	1/54 1/112	1/65 1/155	1/90 1/216	
长度 (mm) Length	32.5	46.3		60.1			
重量 (g) Weight	170	207		267			

外型图/ Mechanical Dimension



PG42A-PM-ST 行星粉末冶金常规款直齿 42 (mm)

Planetary gearbox powder metallurgy Ver. 42 (mm)



外壳材质 Housing Material	输出轴承形式 Bearing at output	径向负载 (N) Radial load (10mm from flange)	轴向负载 (N) Shaft axial load	静态主轴最大承受压入力 Shaft press fit force max Static (N)	径向间隙 (mm) Radial play of shaft	轴向间隙 (mm) Thrust play of shaft	背隙 (无负载时) Backlash at no-load
粉末冶金 Powder metallurgy	滚珠轴承 Ball Bearing	≤120	≤80	≤500	≤0.03	≤0.1	≤1.5°
减速比 Reduction Ratio	实际减速比 Absolute Reduction Ratio	额定允许负载 Rated Torque (Nm)	瞬间允许负载 Momentary Torque (Nm)	效率 Efficiency (%)	长度 (mm) Length	重量 (g) Weight	减速比级数 Number of gear trains
1/10	1/10	1.5	4.5	90%	28.5	180	1

外型图/ Mechanical Dimension

