

ServoFit® Precision Planetary Gearhead Selection Guides – Inline and Offset

P and PA



PH and PHA



PHQ and PHQA



PE



C



F



Product	P	PA	PH	PHA	PHQ	PHQA	PE	C	F
Typical Industries									
Packaging	✓						✓	✓	✓
Machine Tool	✓	✓	✓	✓	✓	✓	✓		✓
Robotics	✓	✓	✓	✓	✓	✓			
Material Handling	✓		✓				✓	✓	✓
Semi Conductor	✓		✓					✓	✓
Printing	✓	✓		✓		✓			
Converting	✓	✓	✓	✓	✓	✓		✓	
Food Processing	✓							✓	✓
Configurations									
Offset									✓
Solid Shaft	✓	✓					✓	✓	✓
Hollow Bore Output									✓
Rotating Flange			✓	✓	✓	✓			
Input Shaft	✓	✓	✓	✓	✓	✓		✓	✓
ServoStop	✓	✓	✓	✓	✓	✓		✓	✓
Rack and Pinion	✓	✓	✓	✓					
Environment Options									
Washdown	✓	✓						✓	✓
Beverage Duty	✓	✓						✓	✓
Food Duty	✓	✓						✓	✓
Extreme Food Duty – Stainless									
IP69K	✓	✓						✓	✓
Performance ¹⁾									
Continuous RPM	+++	+++	++	++	++	++	++	+++	+++
Stiffness	+++	+++	++++	++++	+++++	+++++	++	+	+
Torque Density	+++	+++	++++	++++	+++++	+++++	++	+	+
Precision									
1 ArcMinute Backlash		✓		✓		✓			
1-3 ArcMinutes Backlash	✓			✓		✓			
3-5 ArcMinutes Backlash			✓		✓				
5-10 ArcMinutes Backlash									
10-15 ArcMinutes Backlash							✓		✓
15-20 ArcMinutes Backlash								✓	✓
Nominal Output Torque Ranges – NM (In-lbs)									
0-50 (0-450)	✓	✓	✓	✓			✓	✓	✓
50-200 (450-1,770)	✓	✓	✓	✓			✓	✓	✓
200-1,000 (1,770-8,850)	✓	✓	✓	✓	✓	✓		✓	✓
1,000-5,000 (8,850-45,000)	✓	✓	✓	✓	✓	✓		✓	✓
5,000-10,000 (45,000-88,500)			✓		✓	✓		✓	✓
10,000-23,000 (88,500-203,000)					✓	✓			✓

¹⁾ + Good.....++++ Best