

ServoFit® Precision Planetary Gearhead Selection Guides – Hollow and Right Angle



Product	PKX	PK	PHKX	PHK	PHQK	K	KL	KSS	KS
Typical Industries									
Packaging	✓	✓	✓	✓		✓	✓	✓	✓
Machine Tool	✓	✓	✓	✓	✓	✓			✓
Robotics	✓		✓	✓					✓
Material Handling	✓	✓	✓	✓	✓	✓	✓	✓	✓
Semi Conductor			✓						✓
Printing		✓		✓					✓
Converting	✓	✓	✓	✓		✓	✓		
Food Processing	✓	✓				✓	✓	✓	
Configurations									
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