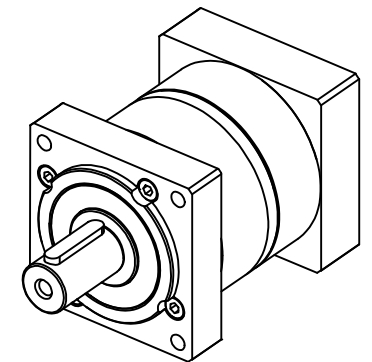



SPECIFICATIONS

Stage	1			
Gear Ratio	i	3:1	5:1	10:1
Rated Output torque	Nm	34	48	10.5
Moment of Inertia	g-cm^2	140	90	60
Torsional Stiffness	Nm/arcmin	2.2		
Max output torque	Nm	2.5x Rated Output Torque		
Max radial load	N	1200		
Max axial load	N	1050		
Max input speed	RPM	10,000		
Backlash	arcmin	≤ 12 (standard) ≤ 6 (precision)		
Noise level	dB(A)	≤ 62		
Operating temp.	$^{\circ}\text{C}$	$-25 \sim 90$		
Lifetime	Hrs	20,000		
Full Load Efficiency	%	≥ 96		
Protection Level		IP64		
Weight	Kg / lbs	1.2 / 2.65		
Tightening Clamp Torque	N.m / in-lbs	3.92 / 34.71		

NOTES:

Unless Otherwise Specified
 All Angles $\pm 0.5^{\circ}$
 Break All Edges 0.2mm-0.8mm
 Decimals .X ± 0.2 / .XX ± 0.05
 T.I.R $\square 0.05$ $\square 0.05$ $\square 0.05$



Unit: mm	Technical reference Scale: 1:1.5	Approved by	
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Planetary Gearbox