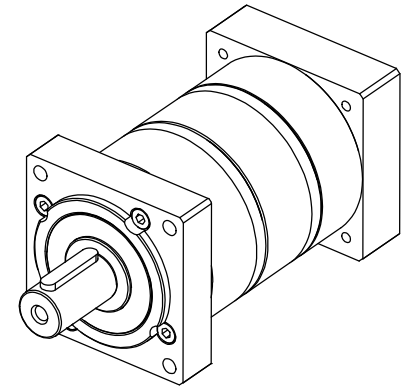


**SPECIFICATIONS**

Stage	2				
Gear Ratio	i	15:1	25:1	30:1	50:1
Rated Output Torque	Nm	140	130	132	130
Moment of Inertia	g-cm <sup>2</sup>	750	400	750	400
Torsional Stiffness	Nm/arcmin	8			
Max output torque	Nm	2.5 times of Rated Output Torque			
Max radial load	N	2450			
Max axial load	N	2200			
Max input speed	RPM	8000			
Backlash	arcmin	≤15 (standard)   ≤8 (precision)			
Noise level	dB(A)	≤62			
Operating temp.	°C	-25~90			
Lifetime	Hrs	20000			
Efficiency	%	≥92			
Protection Level		IP64			
Mounting Position		Any			
Weight	Kg	4.5			
Tightening Clamp Torque	N.m/in-lbs	7.94/70.30			

NOTES:  
 Unless Otherwise Specified  
 All Angles ±0.5°  
 Break All Edges 0.2mm-0.8mm  
 Decimals .X ±0.2/ .XX ±0.05  
 T.I.R. 0.05 0.05 0.05



Unit: mm	Technical reference Scale: 1:1.5	Approved by	
		Document type	Document status
		Title	
MPS90-XXX-20-S80-19		<b>GEARBOX</b>	
		Rev.	Date of issue
		Sheet	