

PLF SERIES PRECISION PLANETARY REDUCER

General information

- High efficiency
- Straight tooth design, Cost-Effective, Nema flange
- Wide tooth surface and high strength
- Separate connection board design, Customizable connection board



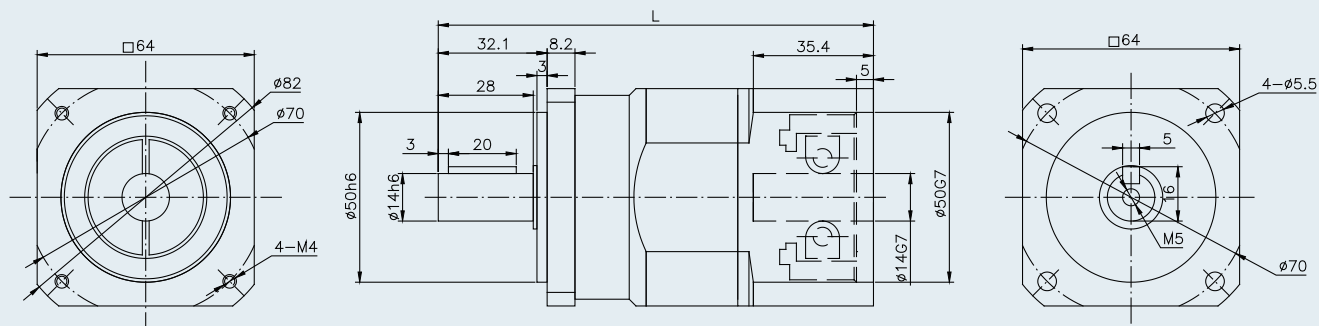
Specification

Product Model	Unit	Ratio	Series	PLF60	PLF90	PLF120
Rated output torque	Nm	4	1 Stage	42	142	280
		5		42	142	280
		7		33	92	198
		10		15	54	95
		16	2 Stage	42	142	280
		20		42	142	280
		25		42	142	280
		35		42	142	280
		40		42	142	280
		50		42	142	280
		70		33	92	198
		100		15	54	95
		64	3 Stage	42	142	280
		80		42	142	280
		100		42	142	280
		125		42	142	280
		140		42	142	280
		175		42	142	280
		245		42	142	280
		350		42	142	280
		400		42	142	280
		500		42	142	280
		700		33	92	198
		1000		15	54	95
Maximum torque	Nm	2 Times rated output torque				
Maximum radial force	N			680	1750	3100
Maximum axial force	N			340	875	1550
Rated input speed	RPM			≤ 3000		
Maximum input speed	RPM			≤ 6000		
Operating temperature	℃			-10 ~ +90		
Backlash	Arcmin		1	≤ 8		
			2	≤ 12		
			3	≤ 16		
Full load efficiency	%		1	95		
			2	92		
			3		90	
Weight	Kg		1	1.4	3.5	6.8
			2	2.0	4.5	8.8
			3	2.6	5.5	10.8
Length	mm		1	128.3	155	219.5
			2	147.3	181	250.5
			3	166.9	207	283

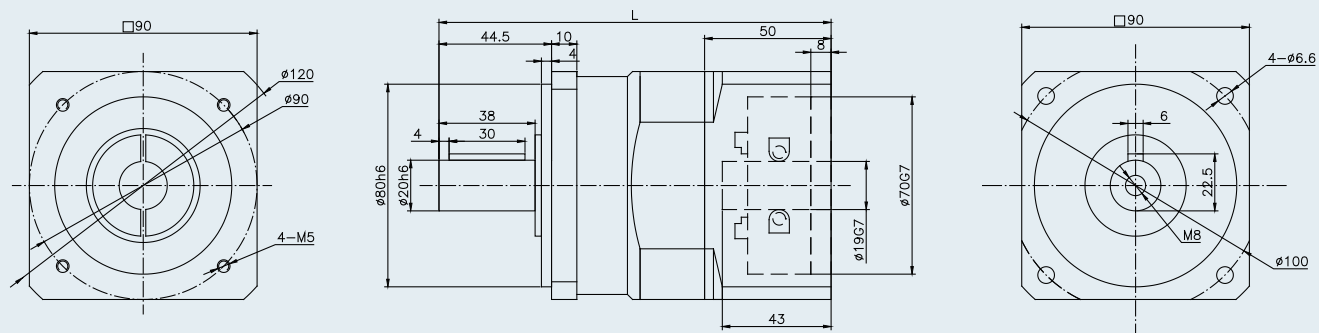
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● Mechanical

PLF60



PLF90



PLF120

