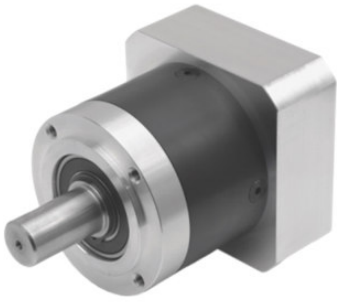




The low-play planetary gearboxes for NEMA 34 (86 mm) motors provide high running torques, high torsional stiffness, low circumferential backlash, high admissible axial and radial shaft loads and low running noise.

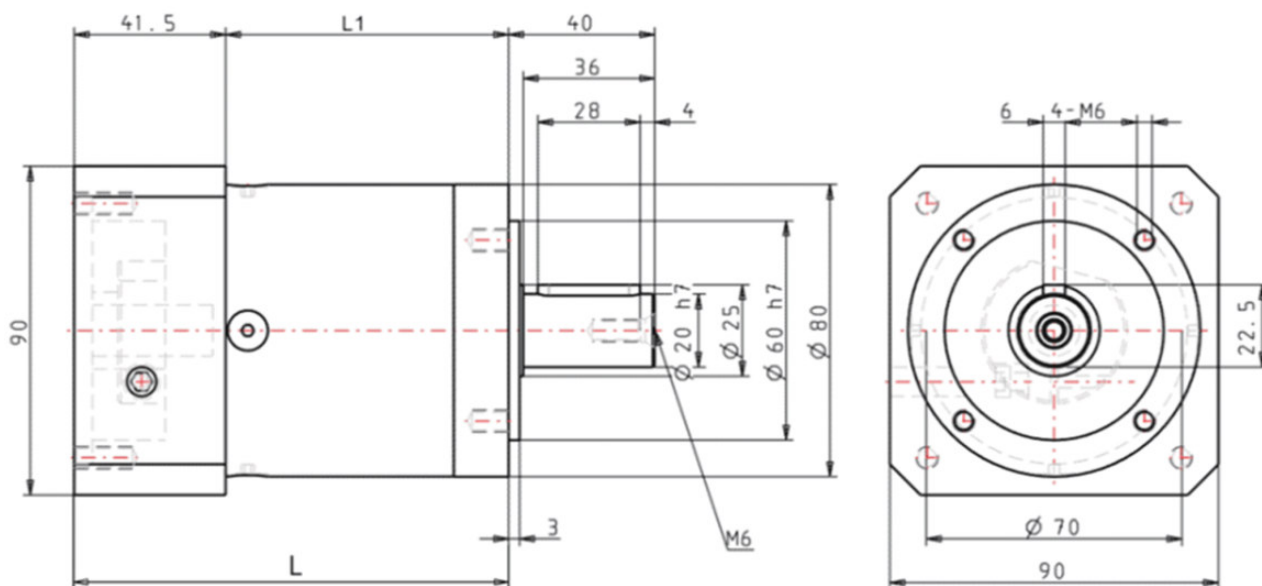
Technical data

Suitable for motor sizes	NEMA 34 (86 mm)
Rated output torque	38 - 120 Nm
Max. backlash	7' - 11' (arc. Minutes)
Efficiency	57 - 98 %
Possible reduction ratios	3 - 512

Technical data

Max. input speed	7000 rpm
IP protection	IP54
Admissible radial shaft Load	650 N
Admissible axial shaft Load	900 N
Operating temperature	-25 to +90 °C

Dimensions of precision planetary gearbox GPLE80 for NEMA 34



Technical data of precision planetary gearbox GPLE80

Reduction ratio	Rated output torque, Nm	Max. output torque, Nm	Efficiency, %	Max. backlash, arc minutes	Moment of inertia, kg*mm ²	Length L1, mm	Length L, mm	Weight, kg
3	85	136	98	7	77	60	102	2.1
4	115	184	98		52			
5	110	176	98		45			
8	50	80	97		39			
10	38	61	96		39			
9	130	208	97	9	74	77.5	119	2.6
12	120	192	97		72			
15	110	176	96		71			
16	120	192	96		50			
20	120	192	96		50			
25	110	176	95		44			
32	120	192	95		39			
40	110	176	94		39			
64	50	80	89		39			
60	110	176	92	11	51	95	136.5	3.1
80	120	192	91		50			
100	120	192	90		44			
120	110	176	89		70			
160	120	192	88		39			
256	120	192	84		39			
320	110	176	80		39			
512	50	80	57		39			

