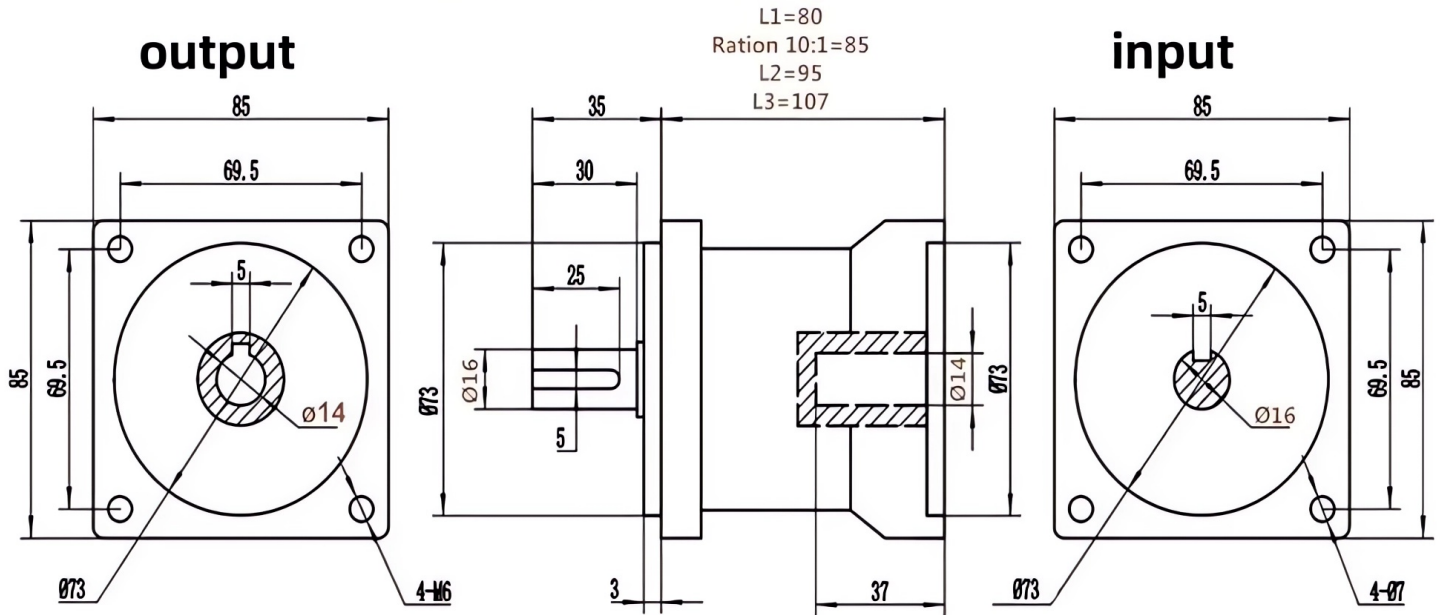


Drawing--Nema34 Planetary Gearbox 14mm input 16mm output



86PX Reducer			
Stage	Stage 1	Stage 2	Stage 3
Speed Ratio	5:1/10:1	20:1/50:1	100:1
Input (MM)	14	14	14
Output shaft (MM)	16	16	16
Keyway (MM)	5	5	5
Rated load (N.M)	30	50	60
Maximum load	50	80	100
Full load	95	90	85
Backlash	≅ 18	≅ 25	≅ 35
Precision (arcmin)			
Rated input speed	≅ 3000	≅ 3000	≅ 3000
Protection level	65	65	65
Noise (dB)	≅ 60	≅ 60	≅ 60
Average service	≈20000	≈20000	≈20000
Gear material	20Cr Carbon	20Cr Carbon	20Cr Carbon steel



86PX Reducer Technical Parameters			
Stage	Stage 1	Stage 2	Stage 3
Speed Ratio	3/4/5/6/8	10/10.56/16/20/24/30/36	64/96/100/120/125/150/216
Input (MM)	12.7/14	12.7/14	12.7/14
Output shaft (MM)	16/14	16/14	16/14
Keyway (MM)	5	5	5
Body length (MM)	80	95	107
Rated load (N.M)	30	50	60
Maximum load (N.M)	50	80	100
Full load efficiency (%)	95	90	85
Backlash Precision (arcmin)	≦ 18	≦ 25	≦ 35
Rated input speed (RPM)	≦ 3000	≦ 3000	≦ 3000
Protection level (IP)	65	65	65
Noise (dB)	≦ 60	≦ 60	≦ 60
Average service life (H)	≈20000	≈20000	≈20000
Gear material	20Cr Carbon steel	20Cr Carbon steel	20Cr Carbon steel