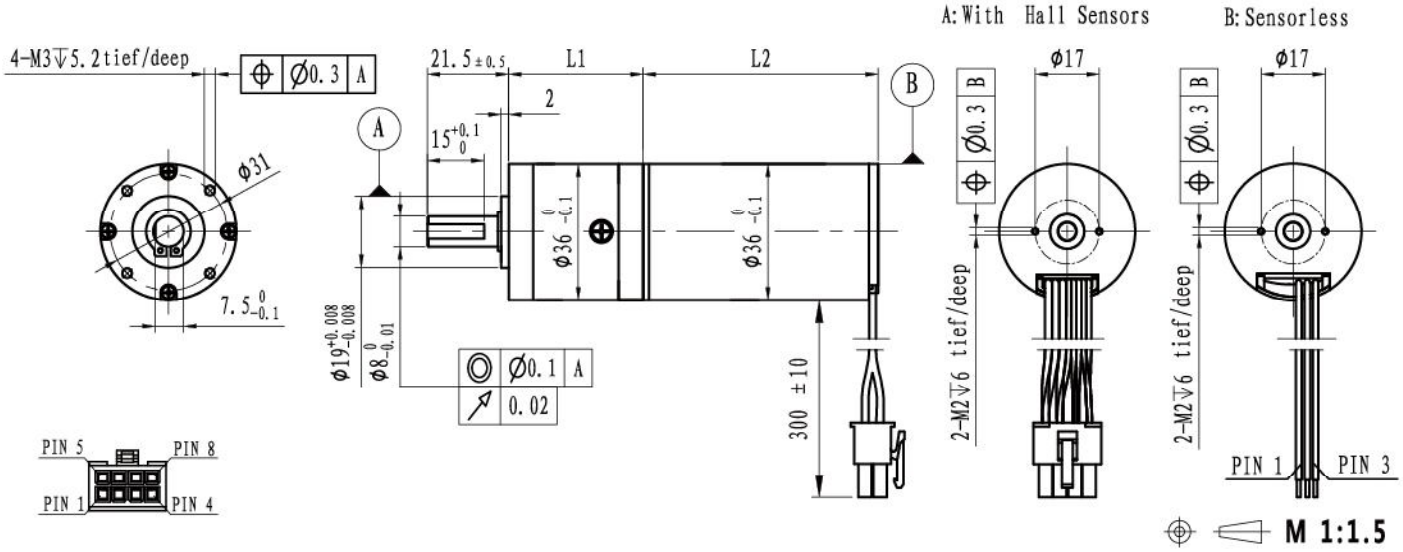

				ECG36..L ECG36..S P36	
Motor type					
1	Length of motor L1	ECG3660S/L	mm	60	Motor performance at P25.
		ECG3670S	mm	70	Motor performance at P26.
		ECDG3673S	mm	73	Motor performance at P47.
		ECDG3683S	mm	83	Motor performance at P48.

Gearhead Data							
2	Housing material			Steel			
3	Geartrain material			Steel			
4	Bearing type on output shaft			Ball bearing			
5	Max. radial load (10mm from flange)		N	98			
6	Max. axial load		N	58.8			
7	Radial play of shaft		mm	0.04			
8	Thrust play of shaft		mm	0.4			
9	Bcaklash at no load		°	2			
10	Max. continuous speed		rpm	30000			
11	Operating temperatue range		℃	-30..+100			
12	Number of stages			1	2	3	4
13	Max continuous torque		Nm	3.24	4.32	5.4	6.48
14	Max. intermittent torque		Nm	6.48	8.64	10.8	12.96
15	Max. efficiency		%	90	83	77	72
16	Gearhead length L2		mm	35.6	44.2	52.8	61.4
17	Ratio		X:1	4.3, 5.1, 6.3, 7.6	14.7, 16.3, 18.6, 19.2, 21.9, 23.9, 25.8, 27.2, 28.9, 32 38.7, 39.7, 48, 58.1	65.6, 74.6, 81.4, 90.5, 98.5, 109, 112.1, 124.6, 123, 141.8, 150.4, 162.4, 171.2, 182, 196.5, 220.3 243.9, 250.7	277.4, 302.6, 335.8, 351, 382.2, 413.2, 459.3, 500.1, 537.4, 583.5, 620.6, 686.9, 744.7, 824.4, 869, 924.2 1006, 1388, 1680, 3380

Connection

Conection A (Sensor) PTFE

Pin 1	Motor winding MB	AWG20	Green
Pin 2	Vhall 3-18 VDC	AWG26	Red
Pin 3	Hall sensor HA	AWG26	Yellow
Pin 4	Hall sensor HC	AWG26	Blue
Pin 5	Motor winding MA	AWG20	Yellow
Pin 6	Motor winding MC	AWG20	Blue
Pin 7	GND	AWG26	Black
Pin 8	Hall sensor HC	AWG26	Green

Conector
Molex5557-8P

Conection B (Sensorless) PTFE

Pin 1	Motor winding MA	AWG20	Yellow
Pin 2	Motor winding MB	AWG20	Green
Pin 3	Motor winding MC	AWG20	Blue

Configuration

Pinion: Metal/Plastic
Ball bearing: Preload
Flange: Standard frange front&back/customize the frange
Shaft: Length/Diameter/Cut face/double shaft/hollow shaft
Leadwire: PVC/Silicon/Teflon/UL No/Dimensions/length
Connector: JST/MOLEX/TE

More:
Special design for high speed/high torque
ECD series can be chosen in some application
Details please contact our sales engineer