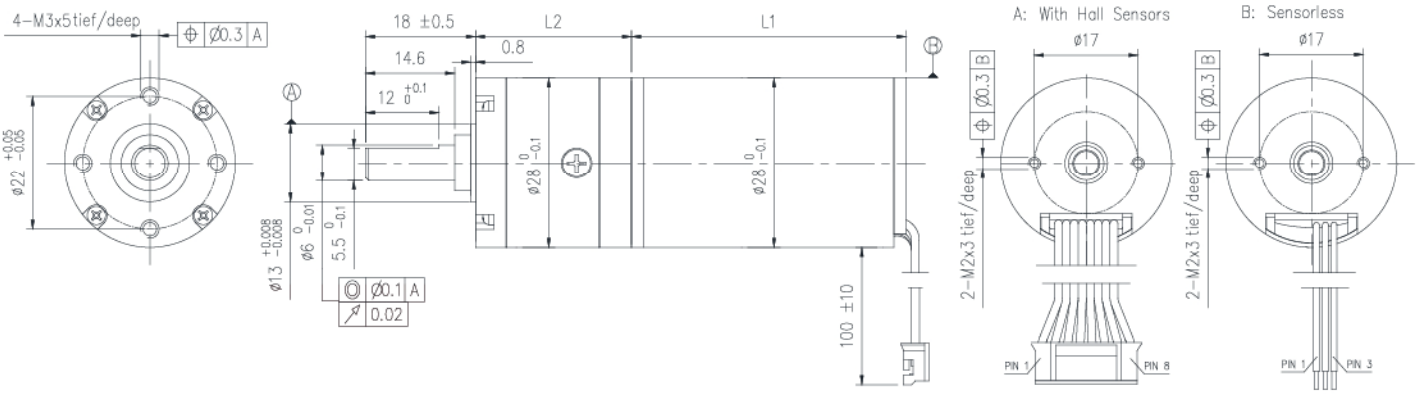

M 1:1

				ECG28..L ECG28..S	P28			
Motor type								
1	Length of motor L1	ECG2845S/L	mm			45		Motor performance at P17
		ECG2854S/L	mm			54		Motor performance at P18
		ECG2864S/L	mm			64		Motor performance at P19
		ECDG2854S	mm			54		Motor performance at P34
		ECDG2863S	mm			63		Motor performance at P35
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			58.8		
6	Max. axial load		N			29.4		
7	Radial play of shaft		mm			0.04		
8	Thrust play of shaft		mm			0.4		
9	Backlash at no load		°			2		
10	Max. continuous speed		rpm			36000		
11	Operating temperatue range		℃			-30..+100		
12	Number of stages			1	2	3	4	
13	Max continuous torque		Nm	1.55	2.1	2.6	3.1	
14	Max. intermittent torque		Nm	3.1	4.2	5.2	6.2	
15	Max. efficiency		%	90	83	77	72	
16	Gearhead length L2		mm	28.4	34.7	41	47.3	
17	Ratio		X:1	4.4,5.2, 6.7, 8.3	15.1,16.9, 18,20.1, 23.1,25.6 27.6, 29.3, 31.8, 35, 43.5, 55.2,	61.7,68,7, 77,1, 87,6, 100.6, 109, 120, 125, 129, 134.1 139.8, 144.7 149.1, 154 166.8, 183.8 211.7,243 264.5,290	335.9, 385.5, 411.4, 494.8, 528, 630, 677.6,705.8 759.7,860.4 964.7,1069 1158, 1276, 1523, 1755, 2014, 3051 3792, 4713	

Connection

Conection A (Sensor) PVC

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

Conector
JST PH2.0-8P

Conection B (Sensorless) PTFE

Pin 1	Motor winding MC	AWG26	Yellow
Pin 2	Motor winding MB	AWG26	Green
Pin 3	Motor winding MA	AWG26	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/big torque
ECD series can be chosen in some application
Details please contact our sales engineer