



ECG32..L
ECG32..S P32

Motor type				
1 Length of motor L1	ECG3260S/L	mm	60	Motor performance at P20
	ECG3270S/L	mm	70	Motor performance at P21
	ECDG3270S	mm	70	Motor performance at P36

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 Backlash at no load	°	2
10 Max. continuous speed	rpm	36000
11 Operating temperature range	°C	-30..+100
12 Number of stages		1 2 3 4
13 Max continuous torque	Nm	2.34 3.1 3.88 4.65
14 Max. intermittent torque	Nm	4.68 6.2 7.76 9.3
15 Max. efficiency	%	90 83 77 72
16 Gearhead length L2	mm	31.2 38.7 46.2 53.7
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

Connection 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 HB	AWG26	Green

Connector
Molex5557-8P

Connection 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/big torque
ECD series can be chosen in some application
Details please contact our sales engineer