

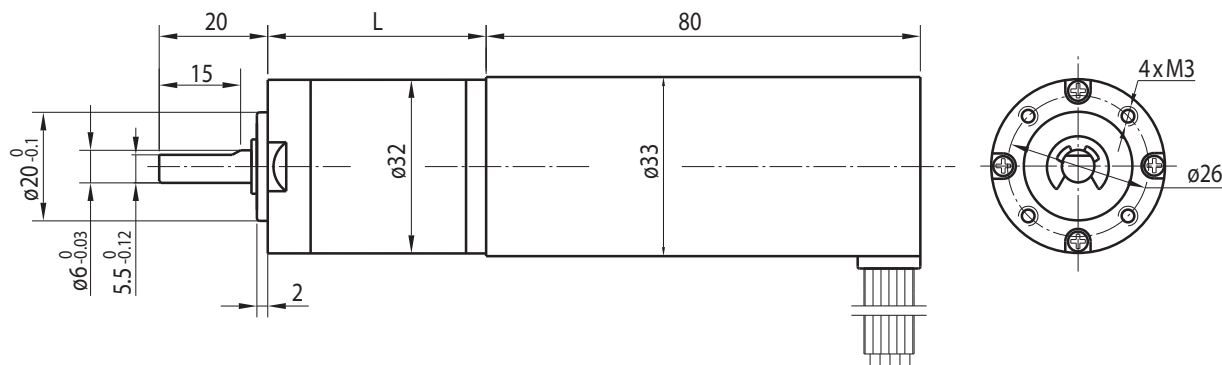
# BLDC Motor Planetary Gearbox Type PL32.30-BL33.80



## Gearmotor

Gear Ratio	3.7	5.2	14	19	27	51	71	100	139
No Load Speed (min <sup>-1</sup> )	2624	1737	643	474	333	176	127	90	65
Rated Speed (min <sup>-1</sup> )	2101	1506	557	411	289	153	110	78	56
Rated Torque (Ncm)	17	23	57	77	110	190	250	250	250
Peak Torque (Ncm)	100	100	350	350	350	750	750	750	750
No. of Stages	1	1	2	2	2	3	3	3	3
Length L (mm)	25.7	25.7	32.8	32.8	32.8	39.7	39.7	39.7	39.7

Rel. Humidity: 20 to 85% | Ambient Temp.: -10 to +60°C



## Motor

No. of Poles	No. of Phases	Rated Voltage (V)	No Load Speed (min <sup>-1</sup> )	Rated Speed (min <sup>-1</sup> )	Rated Torque (Ncm)	Peak Torque (Ncm)	Peak Current (A)	Rated Power (W)
4	3	24	9000	7800	5	35	11	40

Radial Load (FR): 35 N (10 mm from face mounting) | Axial Load (FA): 25 N

## Connections

UL1007 AWG26	
Green	U
Red	V
Black	W
Yellow	Vcc
Blue	Ha
Orange	Hb
Brown	Hc
White	GND

## Options

Encoder
Rear Shaft
Connector
Special Shaft
Special Voltage

## Ball Bearing