

# DC Motor Planetary Gearbox Type PL32Z-DC31.75

**PowerTronic**



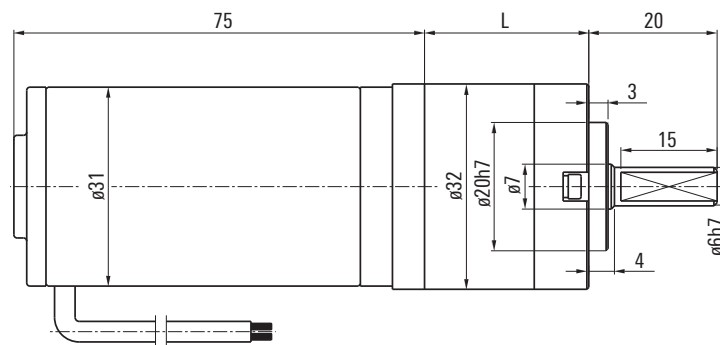
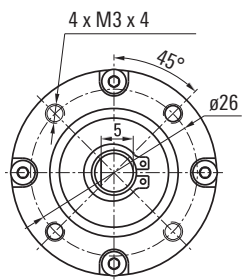
- High Torque
- Low Noise
- Long Life

## Gearmotor

Gear Ratio	3.7	4.29	5.18	6.75	14	19	25	29	35	46	51	68	79	93	100	115	130	150	169	195	236	308
Rated Speed (min <sup>-1</sup> )	984	848	703	539	259	191	146	125	104	79	71	54	46	39	36	32	28	24	21	18	15	123
Rated Torque (Ncm)	6.4	7.2	9	12	22	30	38	45	54	71	71	95	110	130	139	160	182	209	236	272	320	400
Reduction Stage	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3

Above ratings refer to motor model 2407-36

Rel. Humidity: 20 to 85% | Ambient Temp.: -10 to +80 °C | Net Weight max. 360g



No. of Stages	Gear Ratio	Length (mm)
1	3.7 - 6.75	25.6
2	14 - 46	35.9
3	51 - 308	46.2

## Options

Encoder
Rear Shaft
Connector
Special Shaft
Special Voltage

## Motor

Model	Rated Voltage V	Rated Power W	No Load Current A	No Load Speed min <sup>-1</sup>	Rated Current A	Rated Speed min <sup>-1</sup>	Rated Torque Ncm
2407-36	24	7.2	0.07	4250	0.4	3640	1.9
2438-71	24	38	0.3	8100	2.1	7100	5.2

Also available as standard: 12 V

## Gearbox

## Helical Gearing

No. of Stages	1	2	3
Max. Rated Torque (Ncm)	100	225	400
Max. Peak Torque (Ncm)	200	450	800

## Ball Bearing

Radial Load (FR): 140 N | Axial Load (FA): 50 N