

BLDC Motor Planetary Gearbox Type PL32Z-BL32.87



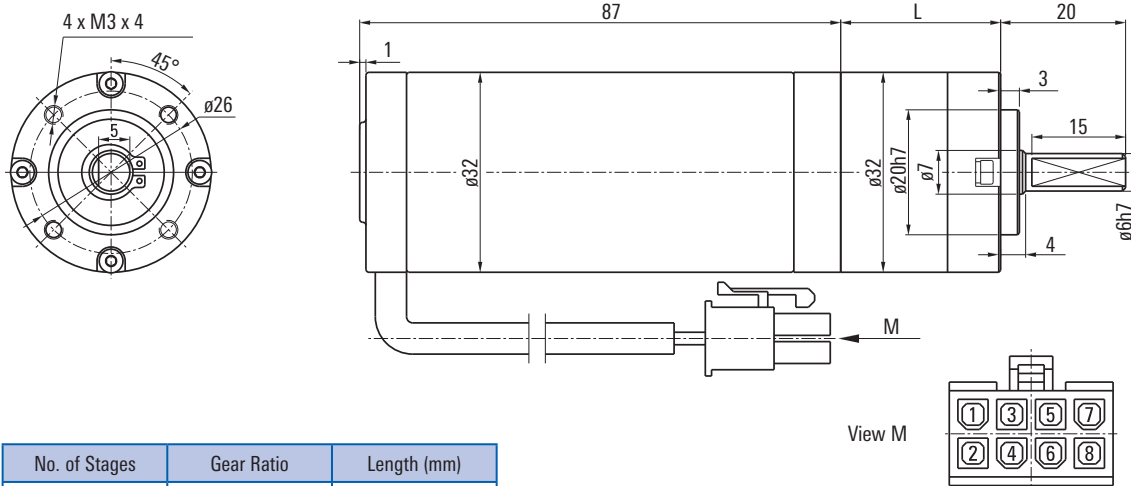
- High Torque
- Low Noise
- Long Life

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 ⁻¹)	1081	933	772	592	286	210	160	138	114	86	78	58	50	43	40	34	30	26	23	20	17	13
Rated Torque (Ncm)	10	11	13	12	33	44	58	67	81	107	107	142	165	195	209	241	272	314	354	400	400	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 2415-50S

Rel. Humidity: 20 to 85% | Ambient Temp.: -10 to +80 °C | Net Weight max. 650g



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

1	2	3	4	5	6	7	8
U	V	W	GND	Hv	Hw	Hu	+Vcc

Motor

Model	Rated Voltage V	Rated Power W	No Load Current A	No Load Speed min ⁻¹	Rated Current A	Rated Speed min ⁻¹	Rated Torque Ncm
2420-40S	24	20	0.5	5300	1.3	4000	4.8

Gearbox

Helical Gearing

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

Options

Encoder
Rear Shaft
Special Shaft

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