

DC Motor Planetary Gearbox Type PL62Z-DC62.122/-DC62.134



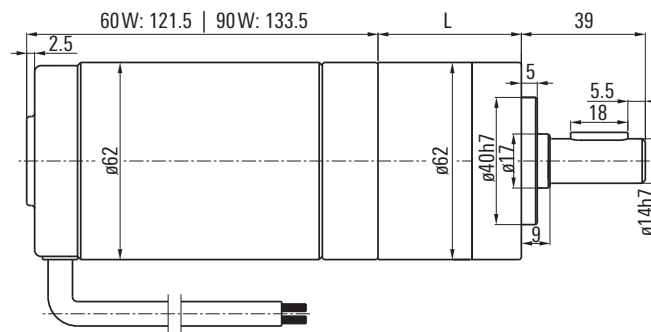
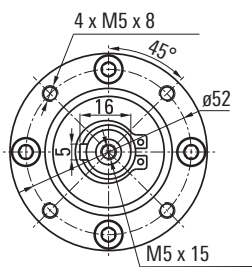
- High Torque
- Low Noise
- Long Life

Gearmotor

Gear Ratio	3.65	5.36	6.55	8.63	14	19	25	28	34	45	58	67	81	91	103	119	128	146	165	192	232	302	393
Rated Speed (min ⁻¹)	822	560	458	348	222	159	122	107	89	67	52	45	37	33	29	25	24	21	18	16	13	9.9	7.6
Rated Torque (Ncm)	63	92	113	148	217	294	387	433	526	696	897	934	1130	1269	1436	1660	1785	2036	2301	2677	3235	4200	4500
Reduction Stage	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3

Above ratings refer to motor model 2460-30S

Rel. Humidity: 20 to 85% | Ambient Temp.: -10 to +80 °C | Net Weight max. 3.2 kg



No. of Stages	Gear Ratio	Length (mm)
1	3.65 - 8.63	45.1
2	14 - 58	62.7
3	67 - 393	80.3

Options

Encoder
Rear Shaft
Connector
Special Shaft

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
2460-30S	24	60	1.0	3500	3.5	3000	19.1
2490-30S	24	90	1.5	3700	5.5	3000	28.7

Gearbox

Helical Gearing

No. of Stages	1	2	3
Max. Rated Torque (Ncm)	800	2500	5000
Max. Peak Torque (Ncm)	1600	5000	10000

Ball Bearing Radial Load (FR): 520 N | Axial Load (FA): 150 N