



### ORDER IDENTIFIER

**GPLE40-1S-3**  
 = for NEMA 17 motors  
 -F56 = for NEMA 23, 24 motors

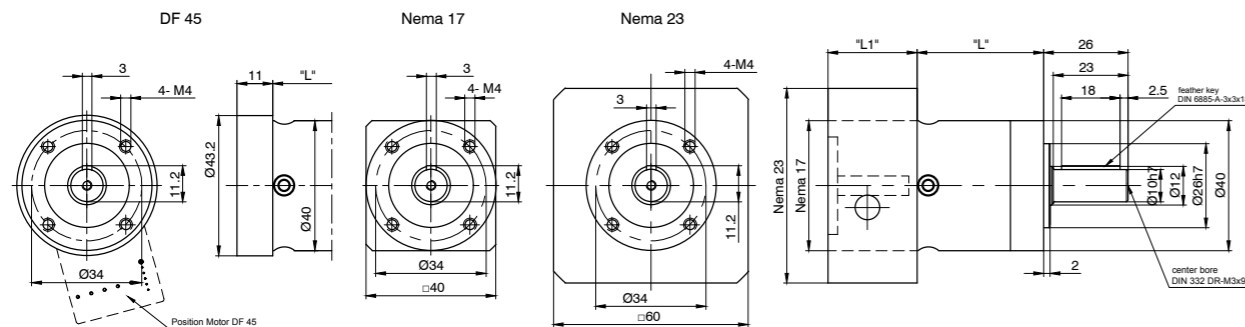
### TECHNICAL DATA

<b>IP Protection (Except Shaft Output)</b>	IP54
<b>Service Life*</b>	30000
<b>For Motor Size</b>	NEMA 17, NEMA 23, NEMA 24
<b>Operating Temperature</b>	-25 to +90 °C
<b>Admissible Axial Shaft Load</b>	160 N
<b>Admissible Radial Shaft Load</b>	160 N
<b>Max. Input Speed</b>	18000 rpm

\*The estimated service life is an approximate value based on the listed nominal torques and an ambient temperature of 30 °C. There are no data available for differing conditions as the environmental factors and operating conditions may vary greatly.

### DIMENSIONS (IN MM)

#### GPLE40



### VERSIONS

Type	Reduction Ratio	Rated Output Torque Nm	Max. Output Torque Nm	Efficiency %	Max. Backlash (arc minutes)	Moment of Inertia kg mm <sup>2</sup>	Length „L“ mm	Flange Length L1* mm	Weight kg
GPLE40-1S-3	3	11	17.5	97	15	3.1	39	24.5 - 27.5	0.35
GPLE40-1S-4	4	15	24	97	15	2.2	39	24.5 - 27.5	0.35
GPLE40-1S-5	5	14	22	97	15	1.9	39	11 - 27.5	0.35
GPLE40-1S-8	8	6	10	97	15	1.7	39	24.5 - 27.5	0.35
GPLE40-1S-10	10	5	8	97	15	1.6	39	27.5	0.35
GPLE40-2S-9	9	16.5	26	95	19	3	52	24.5 - 27.5	0.45
GPLE40-2S-12	12	20	32	95	19	2.9	52	24.5 - 27.5	0.45
GPLE40-2S-15	15	18	29	95	19	2.3	52	24.5 - 27.5	0.45
GPLE40-2S-16	16	20	32	95	19	2.2	52	24.5 - 27.5	0.45
GPLE40-2S-20	20	20	32	95	19	1.9	52	24.5 - 27.5	0.45
GPLE40-2S-25	25	18	29	95	19	1.9	52	11 - 27.5	0.45
GPLE40-2S-32	32	20	32	95	19	1.7	52	24.5 - 27.5	0.45
GPLE40-2S-40	40	18	29	95	19	1.6	52	24.5 - 27.5	0.45
GPLE40-2S-64	64	7.5	12	95	19	1.6	52	24.5 - 27.5	0.45
GPLE40-3S-60	60	20	32	91	22	2.9	64.5	24.5 - 27.5	0.55
GPLE40-3S-80	80	20	32	91	22	1.9	64.5	24.5 - 27.5	0.55
GPLE40-3S-100	100	20	32	91	22	1.9	64.5	24.5 - 27.5	0.55
GPLE40-3S-120	120	18	29	91	22	2.9	64.5	24.5 - 27.5	0.55
GPLE40-3S-160	160	20	32	91	22	1.6	64.5	24.5 - 27.5	0.55
GPLE40-3S-200	200	18	29	91	22	1.6	64.5	24.5 - 27.5	0.55
GPLE40-3S-256	256	20	32	91	22	1.6	64.5	24.5 - 27.5	0.55
GPLE40-3S-320	320	18	29	91	22	1.6	64.5	24.5 - 27.5	0.55
GPLE40-3S-512	512	7.5	12	91	22	1.6	64.5	24.5 - 27.5	0.55

\* The intermediate flange size (L1) of NEMA 23 and 24 motors is 24.5 mm and 27.5 mm for NEMA 17 motors. \*\*GPLE40-1S-10 only for NEMA 17 Motors.