



PLE

In-Line Planetary Servo Gearhead

OP1 Inertias, Ordering (Type) Code



PLE Gearhead with solid input shaft (OP1) Moment of Inertia (at the input)					<i>kgcm² (lbin.sec² 10⁻⁴)</i>	
PLE 40	PLE 60 & 60/70	PLE 80 & 80/90	PLE 120 & 120/115	PLE 160	Ratio	Stages
0.018 (0.159)	0.080 (0.708)	0.73 (6.46)	2.30 (20.3)	17.00 (150.4)	3	1
0.010 (0.088)	0.048 (0.425)	0.35 (3.09)	1.85 (16.3)	12.50 (110.6)	4	1
0.006 (0.053)	0.037 (0.327)	0.24 (2.12)	1.42 (12.5)	11.00 (97.3)	5	1
0.005 (0.044)	0.027 (0.239)	0.18 (1.59)	1.40 (12.4)	9.50 (84.0)	8	1
0.017 (0.150)	0.087 (0.769)	0.73 (6.46)	2.50 (22.1)	—	9	2
0.016 (0.141)	0.085 (0.752)	0.36 (3.18)	2.40 (21.2)	17.00 (150.4)	12	2
0.015 (0.132)	0.039 (0.345)	0.72 (6.37)	2.40 (21.2)	17.00 (150.4)	15	2
0.009 (0.079)	0.049 (0.433)	0.35 (3.09)	1.65 (14.6)	12.30 (108.8)	16	2
0.007 (0.062)	0.039 (0.345)	0.25 (2.21)	1.60 (14.1)	11.70 (103.5)	20	2
0.007 (0.062)	0.038 (0.336)	0.25 (2.21)	1.40 (12.4)	10.80 (95.6)	25	2
0.005 (0.044)	0.027 (0.239)	0.18 (1.59)	1.40 (12.4)	11.40 (100.9)	32	2
0.005 (0.044)	0.027 (0.239)	0.18 (1.59)	1.30 (11.5)	10.30 (91.1)	40	2
0.005 (0.044)	0.025 (0.221)	0.16 (1.41)	1.30 (11.5)	9.50 (84.0)	64	2
0.015 (0.132)	0.039 (0.345)	0.35 (3.09)	2.20 (19.4)	—	60	3
0.007 (0.062)	0.039 (0.345)	0.28 (2.47)	1.60 (14.1)	—	80	3
0.007 (0.062)	0.039 (0.345)	0.25 (2.21)	1.40 (12.4)	—	100	3
0.013 (0.115)	0.016 (0.141)	0.7 (6.2)	2.20 (19.4)	—	120	3
0.005 (0.044)	0.016 (0.141)	0.18 (1.59)	1.50 (13.2)	—	160	3
0.005 (0.044)	0.016 (0.141)	0.18 (1.59)	1.30 (11.5)	—	200	3
0.005 (0.044)	0.016 (0.141)	0.18 (1.59)	1.30 (11.5)	—	256	3
0.005 (0.044)	0.016 (0.141)	0.16 (1.41)	1.20 (10.6)	—	320	3
0.005 (0.044)	0.016 (0.141)	0.16 (1.41)	1.20 (10.6)	—	512	3

- Ordering (Type) Code -

PLE 120 - 08 / MOTOR - OP8

Gearbox Type - **PLE**
Size:

40
60
60/70
80
80/90
120
120/115
160

Reduction Ratio

3, 4, 5, 8, 9, 12,
15, 16, 20, 25, 32,
40, 64, 60, 80,
100, 120, 160, 200,
256, 320, 512,

MOTOR description
Manufacturer, Type and
Size
or
Motor shaft diameter/
Motor shaft length/
Pilot diameter/
Bolt circle diameter/
Bolt hole diameter

Requested Options

OP1 -Free solid input shaft
OP8 -Custom shaft
OP12 -ATEX explosion
proof certificate
LS -Food-grade grease
EP -Epoxy paint

Example: **PLE 120-08 / AC Servo Motor XYZ-OP1**

NOTE : In case motor description (Manufacturer, Type, Size) is not available submit following motor dimensions:
Motor Shaft Diameter / Motor Shaft Length / Motor Flange Pilot (Centering) Diameter /
Motor Flange Pilot Length / Motor Flange Bolt Circle Diameter / Motor Flange Bolt Hole Diameter