

IMS.60 Pro MAX



Powerful, long-lived and robust - the planetary gear convinces in a multitude of applications.



Also ideally suited for demanding temperature ranges from -30° to +120°C.

Technical drawing of the motor assembly showing front and side views with dimensions.

Front View Dimensions:

- Flange for motor attachment
- 4x90°
- M6x12.2
- Ø50±0.1
- Ø60

Side View Dimensions:

- DIN 6885-A5x5x30 key
- 2.15
- (5)
- citr. DIN 332-D M5
- Ø16 h7 (-0.018)
- Ø40 h5 (-0.017)
- L1±0.3 length for direct assembly*
- 40±0.1
- 47.1±0.5
- L2±0.5
- (7.1)

Reductions

1-stage	2-stage	3-stage
4:1 (3,71)	14:1 (13,73)	51:1 (50,89)
4:1 (4,29)	16:1 (15,88)	59:1 (58,86)
5:1 (5,18)	18:1 (18,37)	68:1 (68,07)
7:1 (6,75)	19:1 (19,20)	71:1 (71,16)
	22:1 (22,21)	79:1 (78,72)
	25:1 (25,01)	93:1 (92,70)
	27:1 (26,85)	95:1 (95,18)
	29:1 (28,93)	100:1 (99,51)
	35:1 (34,98)	107:1 (107,21)
	46:1 (45,56)	115:1 (115,08)
		124:1 (123,98)
		130:1 (129,62)
		139:1 (139,14)
		150:1 (149,90)
		169:1 (168,85)
		181:1 (181,25)
		195:1 (195,27)
		236:1 (236,10)
		308:1 (307,55)

Output side with ball bearing	1-stage	2-stage	3-stage
Max. radial load (centre of output shaft)	320,0 N	480,0 N	760,0 N
Max. Axial load	70,0 N	100,0 N	160,0 N
Max. permissible contact pressure	1,300,0 N	1,300,0 N	1,300,0 N
Weight approx.	1400 g	1900 g	2400 g

Gear length	1-stage	2-stage	3-stage
Length 1 ¹	68,5 ± 0,3	88,2 ± 0,3	107,9 ± 0,3
Length 2 ¹	71,5 ± 0,5	91,2 ± 0,5	110,9 ± 0,5

¹ A calculated minimum length of the gearbox is given under the condition of an optimal connection of flange and motor. Please contact us directly for your specific project.

All data in this brochure are approximates

Deviations are possible and are due, for example, to non-standardized testing and measuring methods. Please contact us directly for detailed information. We reserve the right to make technical changes without prior notice. Please refer to our website www.imsgea.com for the current status.