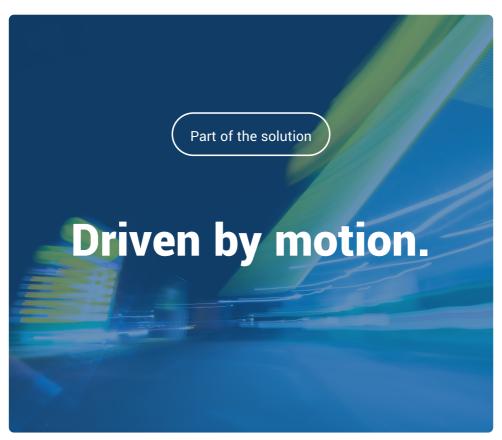
IMS:GEAR





empower solutions: worldwide

Locations

IMS Gear SE & Co. KGaA

Heinrich-Hertz-Straße 16 78166 Donaueschingen Deutschland & +49 (0)771 8507-0 ⊠ pla de⊘imsgear com

IMS Gear (Taicang) Co., Ltd.

Building B, No. 8 Xixin Road Fortune Land Euro-US Industrial Park Chengxiang Town Taicang, Jiangsu 215411 China & +86 (0)512 5367 8200

IMS Gear Planetary Gears Inc.

1234 Palmour Drive Gainesville, GA 30501 USA % +1 770 840-9600 ext. 995163 ⊠ sales.industrial@imsgear.con

Our Product Lines



Proven Quality

IMS.Eco

Our plastic planetary gears from the Eco series combine efficiency with economy.



Convincing Power Packs

IMS.Pro

Our metal planetary gears from the Pro series combine performance with robustness.



Motion that Inspires

IMS.Drive

Our new Drive series, especially designed for the particular requirements of wheel drives.

Discover now: our **MAX** variants. For more power in less installation space.

www.imsgear.com

Technical Data

recni	nicai Data	Not the light inch	RECHIEFER	Radio Loto	hot sighed
		1-3 stage		1-3 stage	
Eco	IMS.22 Eco MAX	0.2-0.6 Nm	6,000 rpm	15-45 N	30 N
	IMS.28 Eco MAX LN	0.4-2 Nm	3,000 rpm	15-45 N	5-15 N
	IMS.32 Eco	0.4-2 Nm	3,000 rpm	15-45 N	5-15 N
	IMS.33 Eco MAX LN	0.8-4 Nm	3,000 rpm	15-45 N	5-30 N
	IMS.42 Eco	0.8-4 Nm	3,000 rpm	15-45 N	5-30 N
	IMS.42 Eco MAX LN	2-10 Nm	3,000 rpm	200-450 N	60-150 N
Pro	IMS.22 Pro MAX	0.6-0.8 Nm	6,000 rpm	25-50 N	10-15 N
	IMS.28 Pro MAX LN	0.75-4.5 Nm	3,000 rpm	40-100 N	10-30 N
	IMS.32 Pro LN	0.75-4.5 Nm	3,000 rpm	40-100 N	10-30 N
	IMS.35 Pro MAX LN	3-15 Nm	3,000 rpm	160-300 N	50-110 N
	IMS.42 Pro LN	3-15 Nm	3,000 rpm	160-300 N	50-110 N
	IMS.45 Pro MAX <i>LN</i>	4-25 Nm	3,000 rpm	200-450 N	60-150 N
	IMS.52 Pro LN	4-25 Nm	3,000 rpm	200-450 N	60-150 N
	IMS.53 Pro MAX LN	8-50 Nm	3,000 rpm	240-520 N	70-150 N
	IMS.60 Pro MAX LN	14-84 Nm	3,000 rpm	320-760 N	70-160 N
	IMS.62 Pro LN	8-50 Nm	3,000 rpm	240-520 N	70-150 N
	IMS.71 Pro MAX LN	20-120 Nm	3,000 rpm	400-1.000 N	80-200 N
	IMS.72 Pro LN	14-84 Nm	3,000 rpm	320-760 N	70-160 N
	IMS.81 Pro LN	20-120 Nm	3,000 rpm	400-1.000 N	80-200 N
	IMS.88 Pro MAX LN	35-195 Nm	3,000 rpm	600-1.500 N	120-300 N
	IMS.105 Pro LN	35-195 Nm	3,000 rpm	600-1.500 N	120-300 N
	IMS.120 Pro	50-300 Nm	3,000 rpm	600-1.500 N	120-300 N

^{*}Higher requirements available on request.

Operating temperature: with Eco drives -15°C to +65°C; with Pro drives -30° to +120°C

Bearing type output side: Eco transmissions with sintered bearing, Pro transmissions with ball bearing

		RECHTERIO	Tool Set Aire	Mesto de d	worlied speed
Drive	IMS.100 Drive LN	Ø 140 mm	100 kg	100 kg	3.0 m/s
	IMS.250 Drive LN	Ø 160 mm	100 kg	250 kg	1.5 m/s
	IMS.700 Drive LN	Ø 180 mm	330 kg	700 kg	1.5 m/s
	IMS.1000 Drive LN	Ø 200 mm	450 kg	1.000 kg	1.5 m/s

Different gear ratios available.

 $[\]mathbf{c_g}$ = 1.0: constant direction of rotation, no shocks, operating time 3 hours per day <code>Diameter</code>: as designated, e.g. IMS.22 Eco MAX with Ø 22

Reduction Ratios

Current reduction ratios i rounded.

Pro	Pro LN	Pro	Pro LN	Pro	Pro LN
1-stage	1-stage	2-stage	2-stage	3-stage	3-stage
4:1 (3.71)	4:1 (3.65)	14:1 (13.73)	14:1 (13.53)	51:1 (50.89)	50:1 (50.16)
4:1 (4.29)	5:1 (4.59)	16:1 (15.88)	16:1 (15.65)	59:1 (58.86)	58:1 (58.01)
5:1 (5.18)	5:1 (5.36)	18:1 (18.37)	17:1 (17.00)	68:1 (68.07)	67:1 (67.08)
7:1 (6.75)	7:1 (6.55)	19:1 (19.20)	19:1 (18.92)	71:1 (71.16)	70:1 (70.13)
	9:1 (8.63)	22:1 (22.21)	23:1 (22.96)	79:1 (78.72)	81:1 (81.11)
	13:1 (13.20)	25:1 (25.01)	25:1 (24.65)	93:1 (92.70)	91:1 (91.36)
		27:1 (26.85)	28:1 (27.76)	95:1 (95.18)	98:1 (98.07)
		29:1 (28.93)	28:1 (28.05)	100:1 (99.51)	102:1 (101.89)
		35:1 (34.98)	34:1 (33.92)	107:1 (107.21)	106:1 (105.65)
		46:1 (45.56)	45:1 (44.69)	115:1 (115.08)	115:1 (114.77)
			58:1 (58.22)	124:1 (123.98)	123:1 (123.20)
			68:1 (68.40)	130:1 (129.62)	128:1 (127.74)
			89:1 (89.10)	139:1 (139.14)	137:1 (136.99)
				150:1 (149.90)	145:1 (145.36)
				169:1 (168.85)	166:1 (166.40)
				181:1 (181.25)	176:1 (175.75)
				195:1 (195.27)	192:1 (191.54)
				236:1 (236.10)	232:1 (231.59)
				308:1 (307.55)	302:1 (301.68)
					393:1 (392.98)
					462:1 (461.70)
					601:1 (601.43)

Reduction Ratio IMS.32 Pro LN is equal to IMS.32 Pro

All specifications in this brochure are approximate values.

Deviations are possible and may be caused by not standardized testing and measuring methods. Please contact us directly for detailed information. Technical modifications are generally subject to change Please check our website www.imsgear.com for the current status.



This is IMS Gear

Your Partner to Move Forward

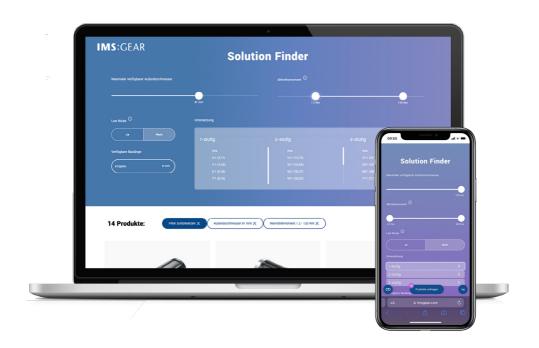
To put it matter-of-factly: we develop and manufacture specific **drive solutions** for our international customers. Apart from our focus on the automotive sector we concentrate on applications for the industry, medical engineering, and emobility concepts.

To put it emotionally: we provide for motion to make our partners move forward. Again and again.

We at IMS Gear take **customer proximity** literally. As our experience from the past decades has taught us: short distances are still major factors for success, and the best contact is the direct one.

This is why we think and act **internationally** and are present in all major global markets with own production locations.

Find your IMS Gear



For **planetary gears** that perfectly match your **individual requirements**. (Almost) everything is possible. What is important for you? We have the solution.

- Performance
- · Service life
- Noise and weight optimization
- Perfect interface design
- · Free motor selection
- · Optimum price-performance ratio

And this is only a selection from among the manifold options that are available for you with IMS Gear as a partner. Our **modular system** makes your applications come true – worldwide, quick, in large and small quantities, cost-efficient and with the extra bit of personal service.

Only available from IMS Gear.

Test it now:

