

- » Compact, industry compatible planetary gearbox
- » High efficiency
- » Output shaft with double ball bearings
- » Helical gears in 1st stage (for quiet operation)

- » Kompaktes, industrietaugliches Planetengetriebe
- » Hoher Wirkungsgrad
- » Ausgangswelle doppelt kugellagert
- » Erste Getriebestufe schrägverzahnt ausgeführt (für hohe Laufruhe)



Low noise	Lifetime lubrication	Food grade lubrication	Low temperature lubrication	High efficiency	Special surface available	Protection class (up to)

Data/ Technische Daten | PLG 32 H - Low noise/ Hohe Laufruhe

Reduction ratio/ Untersetzungsverhältnis	-	4.5	6.25	8	11.5	15	20.25	36	50	64	71.87	91.12	126.5	162	225	288	400	512	575	
Efficiency/ Wirkungsgrad	%	90			81			73												
Number of stages/ Stufenzahl	-	1			2			3												
Continuous torque/ Dauerdrehmoment	Nm	0.4			1.5			4												
Weight of gearbox/ Getriebegewicht	kg	0.14			0.18			0.23												
Axial load/ radial load */ Axiallast/ Radiallast *	N	30 / 100			30 / 100			30 / 100												

Preference/ Vorzugsreihe On request/ auf Anfrage

* From center of shaft/ Ab Wellenmitte

Dimensions in mm/ Maßzeichnung in mm

Technical drawing showing dimensions in mm. Front view shows a diameter of 20^{-0.033} and a total width of 26^{±0.1}. A 45° angle is indicated for the mounting pattern. A hole is specified as M3 with a depth of 4^{-0.5 Depth/Tief.}. Surface finish symbols include $\text{Ra} 0.05$ and $\text{Ra} 0.03$. A tolerance of ± 0.2 is shown for the front view. Side view shows a shaft diameter of $\text{Ø} 32$, a bearing diameter of $\text{Ø} 6$ with a tolerance of $+0.008$, and a shaft length of 20^{±0.6}. Other dimensions include 3, 0.7^{+0.3}, and 0.05 A.

Length/ Länge L mm	
1-stufig/ stage	30
2-stufig/ stage	40
3-stufig/ stage	50

Depending on the motor type, the mounting pattern may be rotated by 45°. Please ask us for details/
Je nach Motortyp kann die Anbaulage um 45° gedreht sein. Bitte fragen Sie uns nach Details.

Gearboxes