

all dimensions in mm

Part number key

Modular	#####
Standard	#####
Calculated data	#####

Technical data

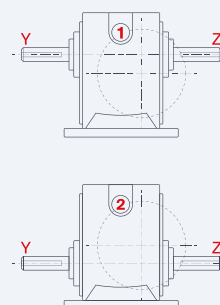
1 Part number		-	-	-	-	-	-	-	-	-	-
2 Gear ratio - spur	:1	9	9	9	9	23	23	31	31	31	31
3 Gear ratio - worm	:1	4	5	9	12	6	9	9	12	22	44
4 Max. continuous torque (S1) ²	Nm	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
5 Max. intermittent torque	Nm	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
6 Efficiency	%	71	71	71	70	71	71	71	70	65	61
7 Backlash	arc.min	50-75	50-75	50-75	50-75	50-75	50-75	50-75	50-75	50-75	50-75
8 Max. axial load (dynamic)	N	112	112	112	112	112	112	112	112	112	112
9 Max. radial load, 12 mm from flange	N	177	177	177	177	177	177	177	177	177	177
10 Weight	Kg	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
11 Gear material		Composite	Composite	Composite	Composite	Composite	Composite	Composite	Composite	Composite	Composite

² S1 duty cycle based on 3000 RPM input speed

Compatible products

BLDC	+L mm	PMDC	+L mm	AC	+L mm
PBL42-15	47	PM7	84	SD1	119
PBL42-30	67	PM8	97	SD21	95
		PM9	110	SD41	107

Gearbox output position



Compatible products key

Product name	Standard combination
Product name	Modular combination

+L mm = approximate added length*

*additional length may also be required for mounting flange between components