

all dimensions in mm

Part number key

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

¹Other worm ratios available on request [spur ratio] (:1): 5[6], 7[6], 6[15], 5[35], 7[35], 9[35], 18[35]

Technical data

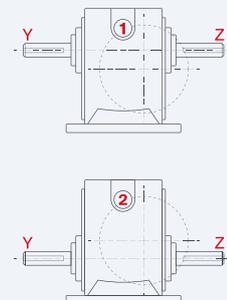
1 Part number		-	-	-	-	-	-	-	-	-	-
2 Gear ratio - spur	:1	6	6	6	15	15	15	35	35	35	35
3 Gear ratio - worm ¹	:1	4	6	8	4	7	8	4	12	27	40
4 Max. continuous torque (S1) ^{2,3}	Nm	9.0	9.0	9.0	22.0	22.0	22.0	45.0	45.0	45.0	45.0
5 Max. intermittent torque ³	Nm	9.0	9.0	9.0	22.0	22.0	22.0	45.0	45.0	45.0	45.0
6 Efficiency	%	76	76	76	74	74	74	72	68	59	54
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	177	177	177	177	177	177	177	177	177	177
9 Max. radial load, midpoint of flange	N	353	353	353	353	353	353	353	353	353	353
10 Weight	Kg	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75
11 Gear material		Composite									

² S1 duty cycle based on 3000 RPM input speed ³ Please refer to the thermal rating limits of the gearbox found on page 255

Compatible products

BLDC	+L mm	PMDC	+L mm	AC	+L mm
PBL60-50	90.0	PM10	107.0	SD1	119.0
PBL60-70	110.0	PM11	126.0	SD8	125.0
				SD11	144.0
				SD12	167.0
				SD13	152.0
				SD18	158.0
				SD28	144.0
				SD29	147.0
				SD38	128.0
				SD48	170.0

Gearbox output position



Key

Standard combination

Modular combination

+L mm = approximate added length*

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