

Part number key

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

Notes: Custom shaft output, including double-shaft exit and hollow shaft, available on request.

¹ Other ratios available on request (-1): 5, 8, 9, 12, 13, 14, 18, 25, 33, 44, 48, 66

Technical data

1 Part number		-	-	-	888018	-	888020	-	-	888021	-
2 Gear ratio ¹	:1	4	6	10	15	20	30	40	54	60	72
3 Stages		1	1	1	1	1	1	1	1	1	1
4 Max. continuous torque (S1) ^{2,3}	Nm	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.0	6.0	5.0
5 Max. intermittent torque ³	Nm	13.0	13.0	13.0	13.0	13.0	13.0	13.0	11.0	10.0	8.0
6 Efficiency	%	85	85	82	77	74	70	65	56	54	46
7 Backlash	arc.min	10-25	10-25	10-25	10-25	10-25	10-25	10-25	10-25	10-25	10-25
8 Max. axial load (dynamic)	N	300	300	300	300	300	300	300	300	300	300
9 Max. radial load, 12 mm from flange	N	350	350	350	350	350	350	350	350	350	350
10 Weight	Kg	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
11 Gear material		Composite									

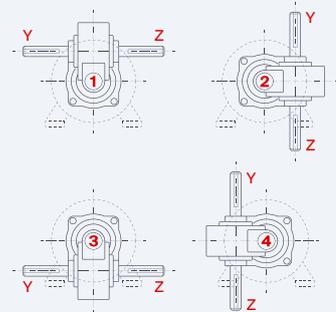
² S1 duty cycle based on 3000 RPM input speed ³ Please refer to the thermal rating limits of the gearbox found on page 255

Compatible products

BLDC	+L mm	PMDC	+L mm	PMDC	+L mm	AC	+L mm
PBL60-50	90.0	BRx52-30	95.0	PM50	162.0	SD8	125.0
PBL60-70	110.0	BRx52-58	125.0	PM60	193.0	SD28	144.0
PBL70-70	114.0	BRx63-25	95.0	PM70-125	125.0	SD29	147.0
PBL70-80	124.0	BRx63-55	125.0	PM70-146	146.0	SD38	128.0
		BRx70-25	125.0	PM90-150	153.0		
		BRx70-60	146.0	PM90-180	183.0		
		BRx90-50	153.0	EPM50-25	119.0		
		BRx90-75	183.0	EPM50-38	130.0		
		PM1	149.0	EPM50-50	145.0		
		PM2	162.0	EPM50-63	155.0		
		PM3	137.0	EPM63-50	150.0		
		PM4	149.0	EPM63-50 (V)	163.0		
		PM5	162.0	EPM63-75	175.0		
		PM6	175.0	EPM63-75 (V)	188.0		
		PM10	107.0	EPM63-100	200.0		
		PM11	126.0	EPM63-100 (V)	213.0		

(V) = ventilated

Gearbox output position



Key

Standard combination

Modular combination

+L mm = approximate added length*

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