

Part number key

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

Please see our customisation options page for details on the modifications available on our products. Advice and guidance on these options are available from your local sales engineer.

Technical data

1 Part number		-	-	-	-	-	-	-	-	-	-	-
2 Gear ratio	:1	12.5	14	15	19	21	25	30	50	60	75	
3 Stages		1	1	1	1	1	1	1	1	1	1	1
4 Max. continuous torque (S1) ^{1,2}	Nm	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	18.0	
5 Max. intermittent torque ²	Nm	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	29.0	
6 Efficiency	%	85	83	83	80	78	75	72	60	55	50	
7 Backlash	arc.min	10-25	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	500	500	500	500	500	500	500	500	500	500	
10 Weight	Kg	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
11 Gear material		Composite	Composite	Composite	Composite	Composite	Composite	Composite	Composite	Composite	Composite	Composite

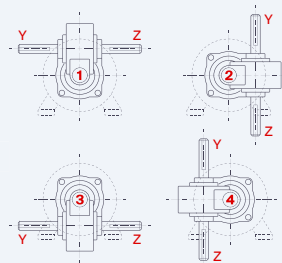
¹ S1 duty cycle based on 3000 RPM input speed ² Please refer to the thermal rating limits of the gearbox found on page 255

Compatible products

BLDC	Page #	PMDC	Page #	PMDC	Page #	AC	Page #
PBL60-50	92	BRx70-40	56	PM70-146	134	SD13	188
PBL60-70	94	BRx70-60	58	PM90-150	136	SD18	192
PBL70-70	96	BRx90-50	60	PM90-180	138	SD48	196
PBL70-80	98	BRx90-75	62	EPM50-25	142		
PBL86-55	100	PM1	116	EPM50-38	144		
PBL86-80	102	PM2	118	EPM50-50	146		
		PM3	120	EPM50-63	148		
		PM4	122	EPM63-50	150		
		PM5	124	EPM63-50 (V)	152		
		PM6	126	EPM63-75	154		
		PM50	128	EPM63-75 (V)	156		
		PM60	130	EPM63-100	158		
		PM70-125	132	EPM63-100 (V)	160		

(V) = ventilated

Gearbox output position



Key

Standard combination

Modular combination