

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.

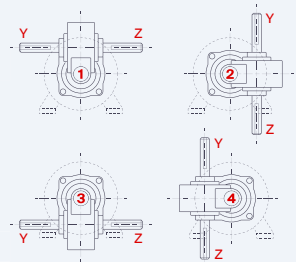
Technical data

1 Part number		-	735894	-	735895	-	735896	-
2 Gear ratio	:1	12.5	15	25	30	40	60	75
3 Stages		1	1	1	1	1	1	1
4 Max. continuous torque (S1) ¹²	Nm	50.0	50.0	50.0	50.0	50.0	50.0	40.0
5 Max. intermittent torque ²	Nm	80.0	80.0	80.0	80.0	80.0	80.0	70.0
6 Efficiency	%	90	85	80	75	70	65	50
7 Backlash	arc.min	10-25	10-25	10-25	10-25	10-25	10-25	10-25
8 Max. axial load (dynamic)	N	600	600	600	600	600	600	600
9 Max. radial load, 12 mm from flange	N	800	800	800	800	800	800	800
10 Weight	Kg	2.3	2.3	2.3	2.3	2.3	2.3	2.3
11 Gear material		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 #	Shaft extension	Page #
PBL86-55	100	BRx90-50	60	PM90-180	138	SD13	188	735898	84
PBL86-80	102	BRx90-75	62	EPM50-25	142	SD18	192		
		PM1	116	EPM50-38	144	SD48	196		
		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				
		PM90-150	136	EPM63-100 (V)	160				



Key

Standard combination

Modular combination

(V) = ventilated