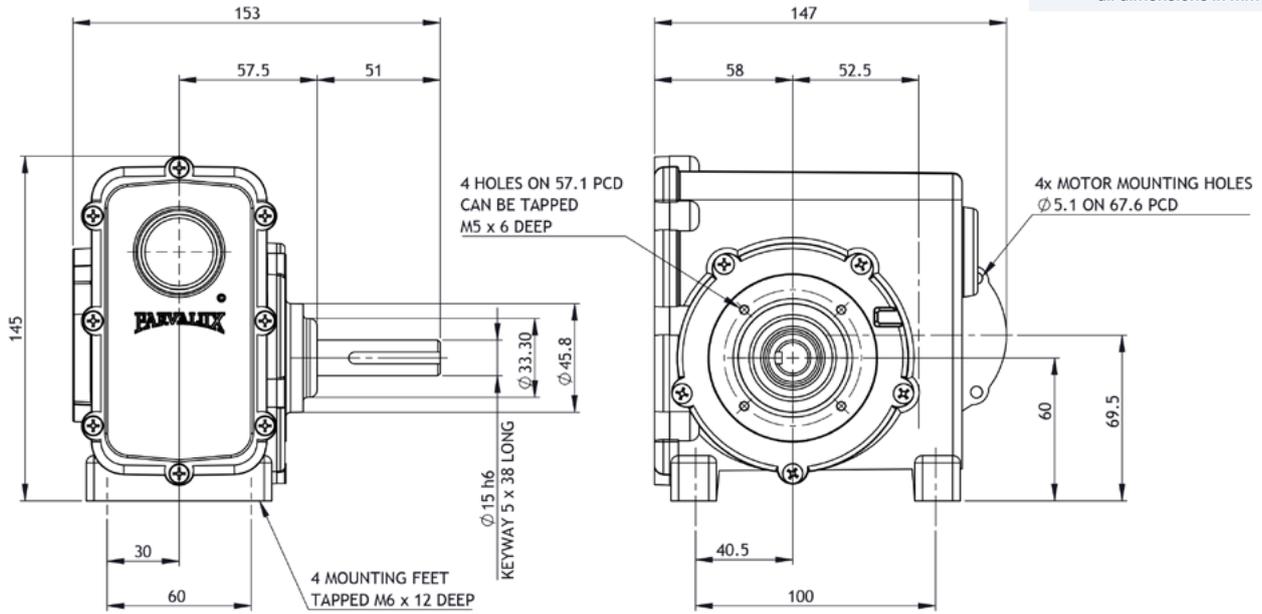


all dimensions in mm



Part number key

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

¹ Other INT ratios available on request [final ratio] (:1): 5[9], 8[9], 7[20], 8[20], 16[20]

Technical data

1 Part number		-	-	-	-	-	-	-	-	-	-
2 Gear ratio - final	:1	9	9	9	20	20	20	20	20	20	20
3 Gear ratio - INT ¹	:1	4	7	10	5	12	20	27	36	44	60
4 Max. continuous torque (S1) ²	Nm	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
5 Max. intermittent torque	Nm	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
6 Efficiency	%	74	74	71	67	64	59	57	52	49	43
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	196	196	196	196	196	196	196	196	196	196
9 Max. radial load, 12 mm from flange	N	353	353	353	353	353	353	353	353	353	353
10 Weight	Kg	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
11 Gear material		Composite									

² S1 duty cycle based on 3000 RPM input speed

Compatible products

BLDC	+L mm	PMDC	+L mm	AC	+L mm
PBL70-70	114.0	PM1	149.0	SD8	125.0
PBL70-80	124.0	PM2	162.0	SD11	144.0
		PM3	137.0	SD12	167.0
		PM4	149.0	SD13	152.0
		PM5	162.0	SD18	158.0
		PM6	175.0	SD28	144.0
		PM10	107.0	SD29	147.0
		PM11	126.0	SD38	128.0
		PM50	162.0	SD48	170.0
		PM60	193.0		

Key

Standard combination

Modular combination

+L mm = approximate added length*

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