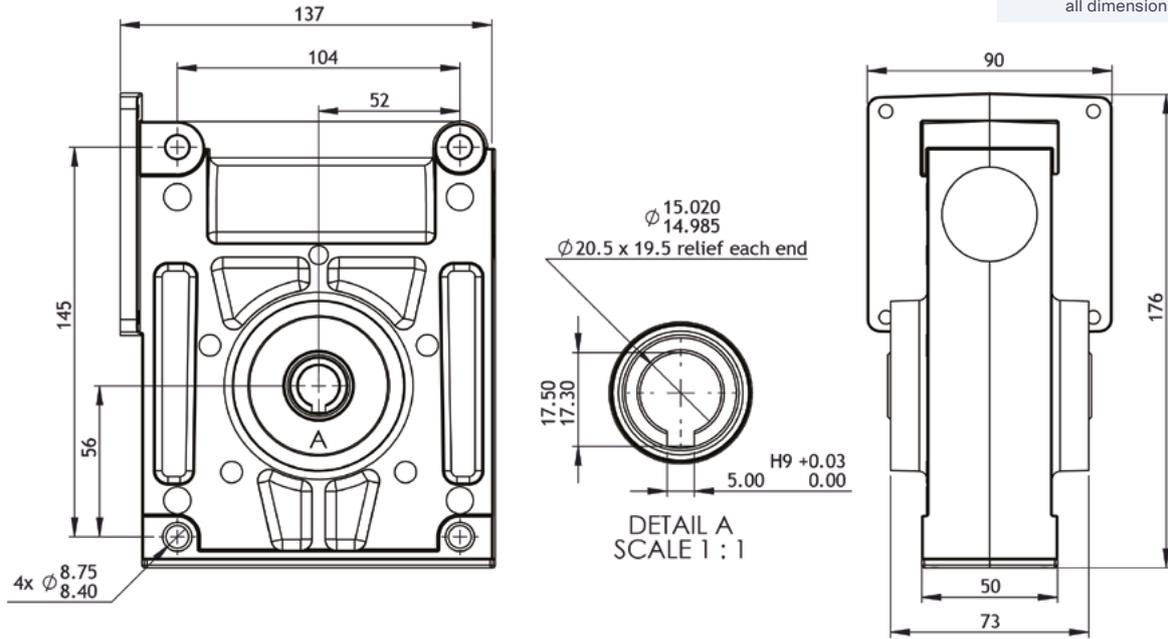


all dimensions in mm



Part number key

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

Technical data

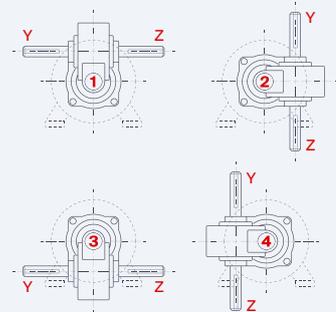
1 Part number	-	735894	-	735895	-	735896	-	
2 Gear ratio	:1	12.5	15	25	30	40	60	75
3 Stages		1	1	1	1	1	1	1
4 Max. continuous torque (S1) ^{2,3}	Nm	50.0	50.0	50.0	50.0	50.0	50.0	40.0
5 Max. intermittent torque ³	Nm	80.0	80.0	80.0	80.0	80.0	80.0	70.0
6 Efficiency	%	90	85	80	75	70	65	50
7 Backlash	arc.min	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						

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
PBL86-55	111.0	BRx90-50	153.0	SD13	152.0
PBL86-80	136.0	BRx90-75	183.0	SD18	158.0
		PM90-150	153.0	SD48	170.0
		PM90-180	183.0		
		EPM63-50	150.0		
		EPM63-50 (V)	163.0		
		EPM63-75	175.0		
		EPM63-75 (V)	188.0		
		EPM63-100	200.0		
		EPM63-100 (V)	213.0		

Gearbox output position



Key

Standard combination

Modular combination

+L mm = approximate added length*

(V) = ventilated

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