

GEAR MOTOR SERIES PRP1



This model was devised for the new roll-up opening systems for cooling pads and shading covering. Its compact design and size make it fit for side applications with telescopic arms or in combination with roll-up sliding guides.

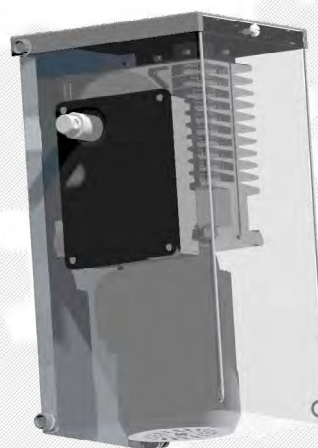
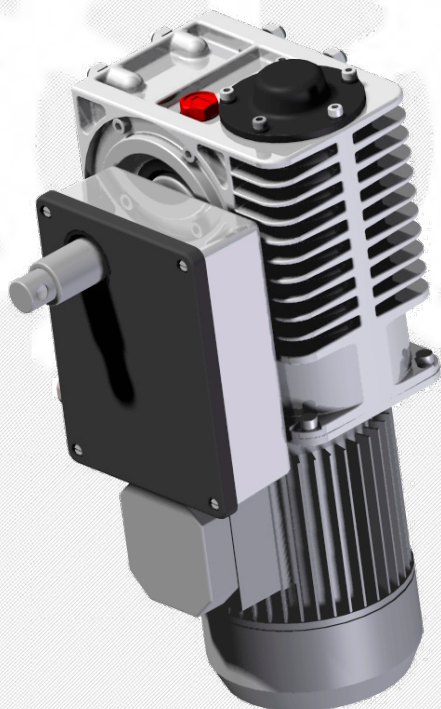
The gear motor comes with a $\varnothing 27$ stainless-steel shaft in these solutions: with direct connection to the roll-up tube or with connection to the universal joint of the telescopic arm. It is supplied with a limit switch with double safety micro-sensor to avoid phase reversal. The limit switch can be regulated externally and, on request, it can be supplied with potentiometer.

On customer's demand, the limit switch can be set to operate at 15-30-45 shaft revolutions per minute.

The gearbox is in sandblasted aluminum and its components stud/wheel are mounted on bearings. The gear motor is furnished with a hex socket screw that allows the manual use of the unit, in case of blackout, with a battery-operated screwdriver.

The equipped standard motors work with 50-60 Hz frequency, can be supplied with the UL/CSA Certification and/or in single-phase power with double capacitor or circuit breaker for a higher starting current.

We suggest to shield the gear motor with its protection case in black ABS for external applications. The casing is totally demountable, in order to avoid any possible break or to make transportation easier.



PRP1

The electric motors used by Viale Sistemi comply with CE regulations and are considered duty Type S3 - 70% [intermittent periodic duty] in compliance with the classification of new Std. IEC 60034-1.

CODE/PRODUCT	3 Ph - 50 Hz / 60 Hz					
	kW	A	V	RPM	Nm	kg
PRP1-1435-.....	0.25	0.9	230-440	6	170	14
PRP1-1450-.....	0.37	1,2	230-440	6	240	17

CODE/PRODUCT	1 Ph - 50 Hz					
	kW	A	V	RPM	Nm	kg
PRP3-1425-.....	0.18	1.7	230	6	110	14
PRP1-1450-.....	0.37	3.9	230	6	170	17