



PGD-Ai -Pulse Geared Drive-

Product information

General information

- Mounting: M5 x 7mm
- Shaft diameter: 16 mm
- Key: 5 x 5 x 25 mm
- Cable length: 1000 mm

Compatible Control Technologies



Technical data

	Eco-mode	Boost-mode
Voltage	DC24V	
Nominal output	40W	50W
Rated current	2.5A	3.5A
Starting current	3.0A	5.0A
Ambient temperature	-10 ~ 40°C	
Ambient humidity	10 ~ 90% RH (No condensation)	

Weight table

Gear box	Reduction ratio	Weight
3 stage	67, 45, 33, 27	1.5
2 stage	18, 15, 11, 9	1.2

Unit: kg

Characteristics data

Nominal Gear ratio	Actual Gear ratio	Gear box	ECO-mode						BOOST-mode					
			Speed (rpm)	Torque(N-m)			Current (A)		Speed (rpm)	Torque(N-m)			Current (A)	
				Rated	Starting	Accel	Rated (max)	Starting		Rated	Starting	Accel	Rated (max)	Starting
67	67.222***	3 stage	8.5 ~ 86.7	4.40	24.4	7.33	2.5	3.0	8.5 ~ 62.7	8.03	31.81	11.82	3.5	5.0
45	45.00		12.8 ~ 129.0	2.97	16.39	4.95			12.8 ~ 93.3	5.40	21.37	7.94		
33	32.999***		17.4 ~ 176.3	2.17	12.00	3.62			17.4 ~ 127.5	3.95	15.64	5.81		
27	27.00		21.3 ~ 215.1	1.78	9.83	2.97			21.3 ~ 155.5	3.24	12.82	4.76		
18	18.333***	2 stage	31.4 ~ 317.3	1.20	6.66	2.00			31.4 ~ 229.5	2.19	8.69	3.59		
15	15.00		38.4 ~ 387.2	0.99	5.46	1.65			38.4 ~ 280.0	1.80	7.12	2.94		
11	10.999***		52.4 ~ 528.9	0.72	4.00	1.20			52.4 ~ 382.5	1.31	5.21	2.15		
9	9.00		64.0 ~ 645.3	0.59	3.27	0.98			64.0 ~ 466.6	1.08	4.27	1.76		

Dimensions (Metric)

