



Minimum
tube length



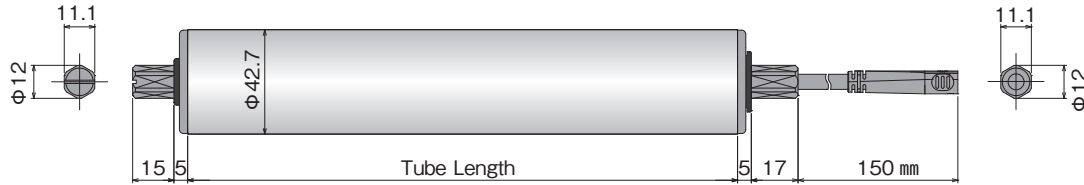
Spring
loaded shaft

MDR Brushless DC Motor standard type PM427LS

Roller diameter $\varnothing 42.7$

Roller diameter $\varnothing 42.7$ PM427LS

- Roller diameter / $\varnothing 42.7$
- Thickness / $t1.5$
- Voltage / 24V DC
- Tube material / STKM12
- Surface treatment / Trivalent chromate processing



Tube Length : PM427LS



200mm



200mm $\leq$

Tube Length (mm)	200	300	400	500	600	700	800
Weight (kg)	1.3	1.4	1.5	1.6	1.7	1.8	1.9
Spring loaded shaft	○	○	○	○	○	○	○

- Conveyor frame inside dimension and frame hole shape vary by the manufacturer.
- A gap of 2~5mm is required between the frame inside dimension and Power Moller.

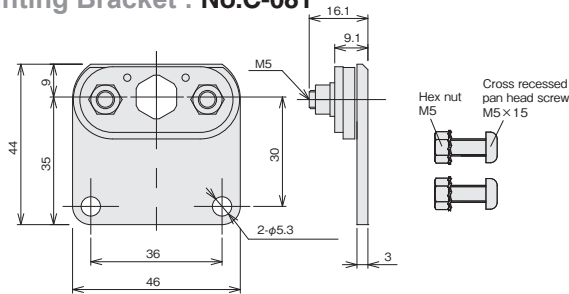
Product Designation :

PM427LS - 60 - 200 - D - 024 - **VP**

Power Moller model Nominal Speed Tube Length Voltage Options

- Motor type : LS
- Nominal Speed : 60
- Tube Length : Specify in mm.
- Voltage : D-024 (24VDC)
- Options : Each of the following optional specification may be selected.

Mounting Bracket : No.C-081



- Attach to the power cable side.
- Apply 3.0Nm for securing the Power Moller shaft, and 3.5Nm for securing the bracket.

Options : PM427LS



Rubber Laggings - NR, UR, NB, CR

Natural rubber, Urethane, NBR, Neoprene



DR Drip Proof

200mm

200mm $\leq$



WA Water Proof

200mm

220mm $\leq$



VP V-Belt Pulley

200mm

200mm $\leq$

- * Standard bracket for dropproof or waterproof is No.C-081-D (Stainless type).
- * For tube length or other specification availability, contact our sales support.

Operating characteristics with CBL-402F driver card

PM427LS-60

Speed (m/min)	Tangential Force (N)		Current (A)		Power Input (W)	Power Output (W)	RSW
	No-load	Rated	No-load	Starting			
67.4	20	57	0.4	2.6	26	38	9
56.2	21		0.3		23	37	8
45.0	21		0.3		21	35	7
33.7	22		0.2		16	29	6
28.1	22		0.2		13	25	5
22.5	23		0.1		10	22	4
16.8	23		0.1		8	20	3
11.2	23		0.1		5	16	2
9.0	24		0.1		4	15	1
5.6	24		0.1		3	13	0

