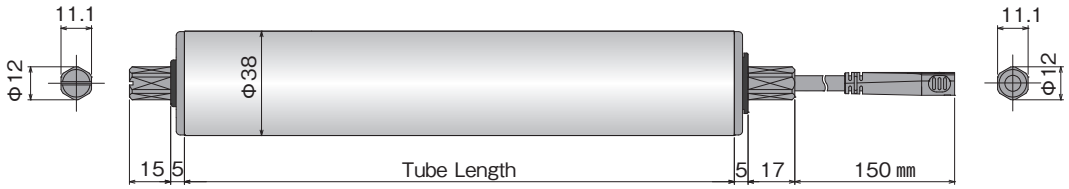
MDR Brushless DC Motor standard type PM380LS — Roller diameter ∅38

Roller diameter ∅38
PM380LS

- **Roller diameter** / ∅38
- **Thickness** / t1.2
- **Voltage** / 24V DC
- **Tube material** / STKM12
- **Surface treatment** / Trivalent chromate processing



Tube Length : PM380LS

←Min→ 200mm					
Tube Length (mm)	200	300	400	500	600
Weight (kg)	1.0	1.1	1.2	1.3	1.4
Spring loaded shaft	○	○	○	○	○

200mm≦

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

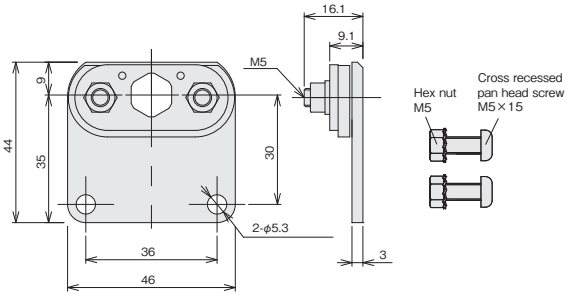
Product Designation :

PM380LS - 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 : PM380LS

Rubber Laggings - NR, UR, NB, CR
Natural rubber, Urethane, NBR, Neoprene

DR Drip Proof
←Min→ 200mm | 200mm≦

WA Water Proof
←Min→ 200mm | 220mm≦

VG Poly V-Belt Pulley
←Min→ 200mm | 200mm≦

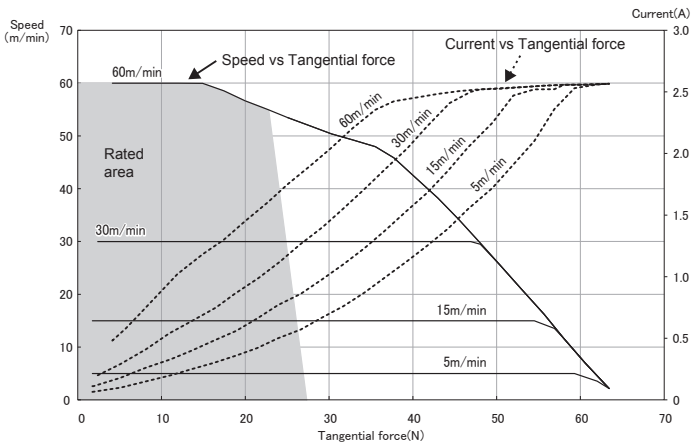
VP V-Belt Pulley
←Min→ 200mm | 200mm≦

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

Operating characteristics with CBL-402F driver card

PM380LS-60

Speed (m/min)	Tangential Force (N)		Current (A)		Power Input (W)	Power Output (W)	RSW
No-load	Rated	Starting	No-load	Starting			
60.0	23	64	0.4	2.6	26	38	9
50.0	23		0.3		23	37	8
40.0	24		0.3		21	35	7
30.0	25		0.2		16	29	6
25.0	25		0.2		13	25	5
20.0	26		0.1		10	22	4
15.0	26		0.1		8	20	3
10.0	26		0.1		5	16	2
8.0	27		0.1		4	15	1
5.0	27		0.1		3	13	0



* The values in the characteristics list are when an ambient temperature is 25 degree C, and only for your reference and not the warranted values. The values represent the characteristics of a single standard motor roller(no linked operation) without including other specifications, and the values may change when including other specifications or with linked operation.