



Technical Parameters

Model No.	BJ30-SN15-3-DX-14#	BJ30-SN15-3-DX-16#
	BJ30-SN15-3-DD-25#	BJ30-SN15-3-DD-17#
	BJ30-SN15-3-DD-18#	
	BJ30-SN25-3-DD-15#	BJ30-SN25-3-DD-24#
	BJ30-SN15-6-DX-14#	BJ30-SN15-6-DX-16#
	BJ30-SN15-6-DD-25#	BJ30-SN15-6-DD-17#
	BJ30-SN15-6-DD-18#	
	BJ30-SN25-6-DD-15#	BJ30-SN25-6-DD-24#
	Roller	304 SST 3 roller / 6 roller
Pump head	Plastic PC	
Motor type	DC24V NMB Japan 57 Stepper motor	
Rated current	1.5A (small motor)	2.3A (big motor)
Rated power	36W (small motor)	55.2W (big motor)
Speed range	0-500rpm	
Flow rate	0-1615ml/min	
Peristaltic tube	Silicone / Rubber / Viton	
Fittings	Plastic Barbed Fittings	
Tubing No.	14# 16# 25# 17# 18# (BJ30-SN15) 15# 24# (BJ30-SN25)	

Working environment	0-40°C < 80% relative humidity, non-condensing
Working Max DB	70db
Net weight	1434g (3 roller) / 1484g (6 roller)

Motor Wire	57 small motor	57 big motor
A+	Red	Orange
A-	Yellow	Blue
B+	Blue	Red
B-	Orange	Yellow
Motor Parameter	57 big motor	57 small motor
Max power	18.8W	12W
Step angle	1.8°	1.8°
Phase	2	2
Phase voltage	4.0V	2.6V
Phase current	2.35A	2.3A
Resistance	1.7Ω ±1.7	1.15Ω ±0.17
Inductance	7mH REF	1.85mH REF
Insulation	100mΩ MIN	100mΩ MIN
Temperature limit	80°C MAX	80°C MAX
Explosion-proof level	B	B



1.8° 57 Small Stepper Motor.pdf



1.8° 57 Big Stepper Motor.pdf

Flow Rate Table (only for reference) (media: water)

Model No.	Tube size (ID*WT: mm)	Speed (rpm)	3 roller flow rate (ml/min)	6 roller flow rate (ml/min)
BJ30-SN15-DX-14#	1.6*1.6	0-450rpm (57 small motor)	1.1-87.4	0.8-59.5
BJ30-SN15-DX-16#	3.2*1.6		4.3-358.3	3.2-220.8
BJ30-SN15-DD-25#	4.8*1.6	0-400rpm (57 big motor)	10.1-735.1	8.6-380.6
BJ30-SN15-DD-17#	6.4*1.6		13.2-1171.3	6.1-522.7
BJ30-SN15-DD-18#	8.0*1.6		19.3-1793.3	5.8-616.7
BJ30-SN25-DD-15#	4.8*2.5		10.1-735.1	8.6-380.6
BJ30-SN25-DD-24#	6.4*2.5		13.2-1171.3	6.1-522.7

Peristaltic Tube

- 1) Silicone tube works for non-corrosive liquid transfer
- 2) Rubber tube works for weak corrosive liquid transfer
- 3) Viton tube works for strong corrosive liquid transfer



Tubing Connection

- 1) A long piece of peristaltic tube equipped in pump head
- 2) Standard 20cm peristaltic tube + 2 pieces barbed fittings + external tube

Dimension (unit: mm)



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Control Driver

- 1) Analog control driver with ON/OFF SPEED CW/CCW buttons– MC-20A
- 2) PWM control driver – MC-20T
- 3) RS232/RS485/CAN control driver – MC-20C



Packing Info.

Carton Size: 26*15.5*18.5CM

G.W.: 2.0KG



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