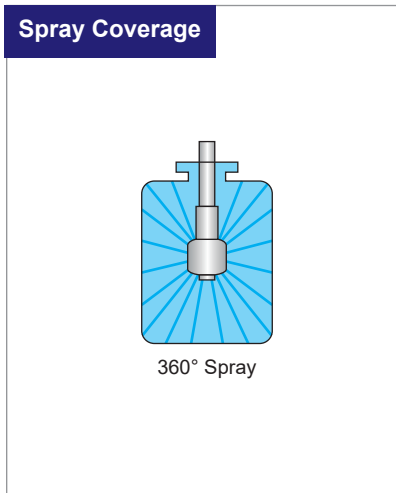
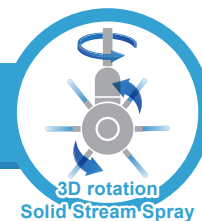


RJ3-MD-SERIE with Air / Electric motor for Powerful Cleaning



Cleaning hard to remove dirt

Features

- 3D rotation solidstream jet powerfully cleans the inside of a tank.
- Stable low-speed rotation with motor.
- Low-speed rotation maximizes contact time between cleaning surface and cleaning liquid for effective cleaning.
- Models come with two, three, or six nozzles for precision cleaning.
- Heat resistance up to 80 deg. C (about 170 deg. F)

Applications

- Removing tough, sticky and stubborn dirt.
- Cleaning of reactor vessels in chemical plants.

Air motor

Compressed air drives the motor.
Stainless steel air motor requires no oil to operate.

Elektric motor

Immediate use and stable rotation anywhere a power supply is available. No adjustment required.

Basic specifications

■ Operating Pressure Range
0.3–15 MPa (45–2,170 psi)

■ Spray capacity*1
2 nozzles: 4,2–28,0 L/min
3 nozzles: 6,3–42,0 L/min
6 nozzles: 12,2–82,0 L/min

■ Max. Temperature
80°C (176°F)

■ Main material*2
S304, SCS14, ABB2 + Bronzelegierung, UPE (Dichtung), FKM (O-Ring)

■ Approx. Weight (w/o flange)
RJ3-AMD (Air motor): 11-16 kg
RJ3-EMD (Electronic motor): 14-19 kg

■ Rotation speed
RJ3-AMD (Air motor): 5-10 U/min
RJ3-EMD (Electronic motor): 6 U/min (50 Hz), 7,2 U/min (60)

■ Cleaning cycle
RJ3-AMD (Luftmotor): 7,4-3,7 min
RJ3-EMD (Elektromotor): 6,2 min (50 Hz), 5,2 min (60 Hz)

■ Number of Nozzles Attached
2, 3, o 6

■ Compressed Air pressure (only for RJ3-AMD)
0.3–0.5 MPa (45–70 psi)

■ Air consumption (only for RJ3-AMD)
100–170 L/min, Normal

■ Power voltage (of RJ3-EMD)
100 VAC

■ Power consumption (von RJ3-EMD)
40 W

▼ Watch rotation & spraying nozzle on You Tube



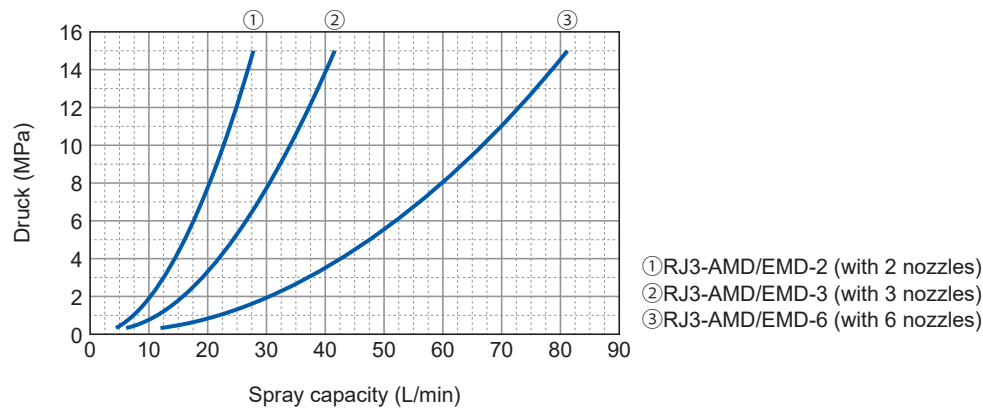
IKEUCHI RJ3-AMD

*1 Spray flow rate in the above operating pressure range is for reference only. See the flow-rate diagram and chart for more details.

*2 In the material code, "S" represents "stainless steel". SCS14 is cast stainless steel equivalent to S316.

RJ3-MD-SERIES with Air / Electric motor for powerful cleaning

Drawing

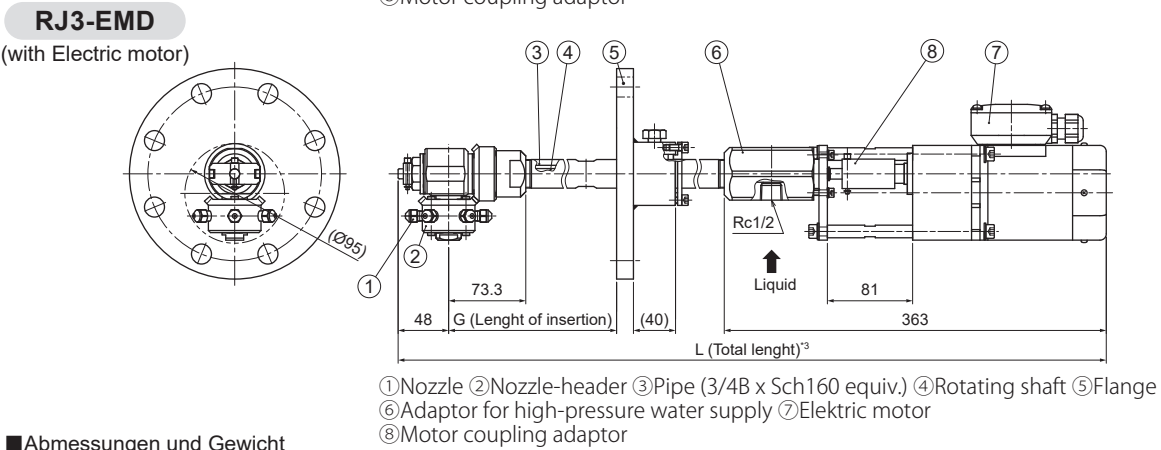
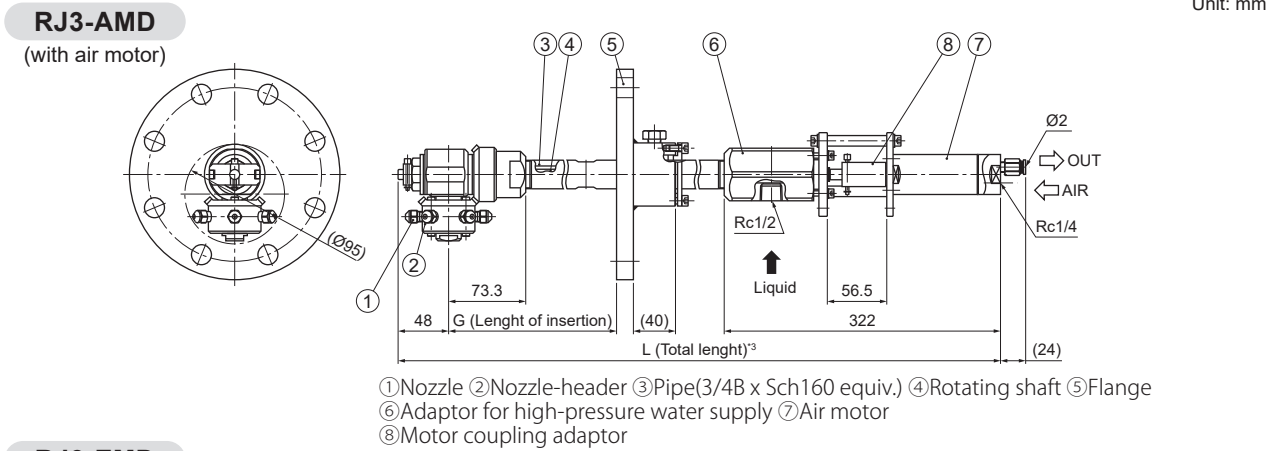


Flow-rate Chart

Number of nozzles attached	Nozzle orifice diameter (mm)	Pipe conn. size	Spray capacity (L/min) [For reference only].					
			0.3 MPa	1 MPa	3 MPa	5 MPa	10 MPa	15 MPa
2	1.4	Rc1/2	4.2	7.6	12.5	16.2	22.9	28.0
3	1.4	Rc1/2	6.3	11.3	18.8	24.2	34.3	42.0
6	1.4	Rc1/2	12.2	22.1	36.7	47.3	67.0	82.0

RJ3-MD-SERIES with Air / Electric motor for powerful cleaning

Drawing



■Abmessungen und Gewicht

Lenght type	Outer dimensions (mm)		Nozzle orifice diameter (mm)	Diameter required for insertion (mm)	Approx. weight (kg) w/o flange
	L (Total lenght)*3	G (Length of insertion)			
A	AMD 870	150–380	1.4	95	11
	EMD 911				14
B	AMD 1370	150–880	1.4	95	13
	EMD 1411				16
C	AMD 1870	150–1380	1.4	95	15
	EMD 1911				18
D	AMD 2170	150–1680	1.4	95	16
	EMD 2211				19

Note:
A diameter of more than 95 mm is needed to insert the nozzle unit.

*3 The total lenght L differs for each motor. Select from the above A to D..

HOW TO ORDER

To inquire about or order a specific product, please refer to this coding system.

Example: RJ3-AMD 6 - Ø1.4 - 4T5 × B - BF E*** S304

RJ3 - AMD 6 - Ø1.4 - 4T5 × B - BF E*** S304

Motor type*4	Number of nozzles	Total lenght*3	Buffing*5	Spec. Registration NO *6
■AMD ■EMD	■2 ■3 ■6	■A ■B ■C ■D	■BF (optional)	

*4 Indicate "AMD" for air motor or "EMD" for electric motor.

*5 Buffing is optional available for extra charge. Leave blank if buffing is not necessary.

*6 IKEUCHI will assign a number after specification is determined.