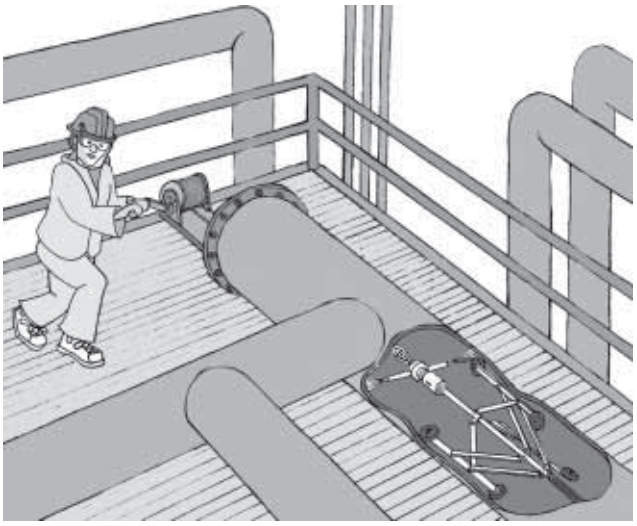
BJV 2D Self-Rotating Nozzles



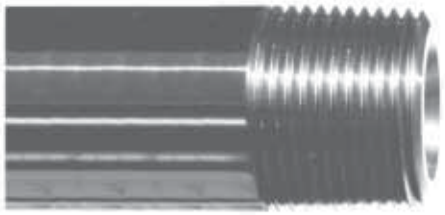
Select a Head for the Right Flow Range!

Flow Range in gpm

Offset, R=	0.60	0.35	0.20	0.12
BJV-M	10-18	18-32	32-55	55-100
BJV-20K	8-15	15-24	24-40	40-60

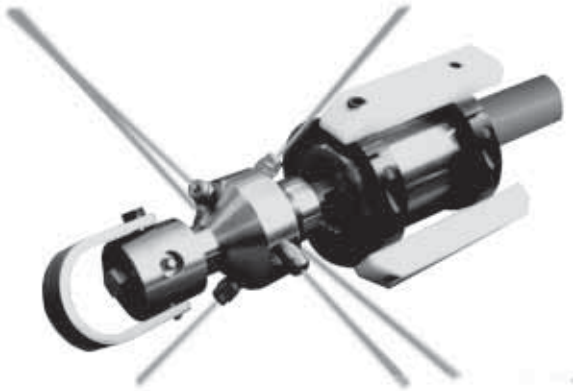
Specifications	BJV-M	BJV-20K
Maximum Pressure	15 Kpsi 1000 bar	20 Kpsi 1380 bar
Rotation Speed		
	Fast 40-200 rpm	70-300 rpm
	Slow 5-80 rpm	15-50 rpm
Flow Capacity	100 gpm 380 l/min	60 gpm 230 lpm
Flow Rating, Cv	4.6	2.3
Inlet Port	3/4 npt	3/4 MP
Shaft Outlet	3/4 npt	StoneAge J-Shaft
Weight	8.0 lb 3.6 kg	8.0 lb 3.6 kg
Length	7.25 in. 18.4 cm	8.40 in. 21.3 cm
Standard Head	**BJ 044-P4-Rx**	**BJ 144-P4-Rx**
Diameter	3.0 in. 76 mm	3.0 in. 76 mm
Ports	6 or 7 6 or 7	6 or 7 6 or 7
	1/4 npt 1/4 npt	1/4 npt 1/4 npt
Weight	3.3 lb 1.5 kg	3.3 lb 1.5 kg
Optional Head	**BJ 041-P8-Rx**	**BJ 145-G12-Rx**
Diameter	3.5 in. 89 mm	3.5 in. 89 mm
Ports	6 6	6 6
	1/2 npt 1/2 npt	G12 G12
Weight	5.0 lb 2.3 kg	4.5 lb 2.0 kg

15 Kpsi Connections



3/4 npt Connection
1.05" OD Seals with
National Tapered Pipe
"npt" threads

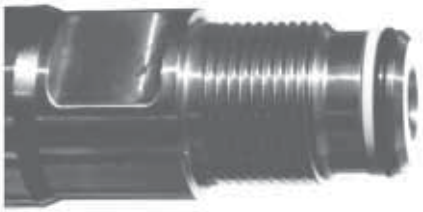
BJV-M



Maintenance Kits & Tools

- **BJ 600-M Service Kit -** HP seal, seat, and 6 oz. viscous fluid
- **BJ 602-M Seal Kit -** High pressure seal and seat
- **BJ 610-M Overhaul Kit -** Bearings, shaft seals, high pressure seal, seat, 6 oz. viscous fluid
- **BJ 612 -** Tool for seating BJ 010-D shaft seals, and fill tube

20 Kpsi Connections



J-Shaft Connection
Nozzle Head
1.1" OD with
o-ring seal

BJV-20K

Patent 6,059,202



SA 577-G12P4 Connection
Extension Nipples
For 3/4" MP Extension Nipples
Require SA 059 O-Ring
1/4 npt other end

Maintenance Kits & Tools

- **BJK 600 Service Kit -** HP seal, seat, syringe, and 6 oz. viscous fluid
- **BJK 602 Seal Kit -** High pressure seal, seat, O-rings
- **BJK 610 Overhaul Kit -** Bearings, shaft seals, high pressure seal, seat, port screw, 6 oz. viscous fluid
- **BC 410 Syringe -** Used to add viscous fluid
- **BJK 612 -** Tool for seating BJ 010-D shaft seals

STONEAGE® WATERJET TOOLS
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