

# BJV-M & BJV-P16 Nozzles

**Self-Rotating up to 15k psi & 200 gpm**



BJV-M with P4 Head

The **BJV-M** is a 2D self-rotating nozzle with a maximum working pressure of 15k psi. Higher pressure BJV models are on the following pages in this catalog. The **BJV-M** handles pipes and drains from 6"-72" at 15k psi, as well as tanks, reactors, process vessels, heat exchanger shells, coker cyclones and asbestos. Extension nipples and centralizers adapt all **BJV** tools to almost any application. **BJV** accessories can be found on pages 18 & 19 of this pipe cleaning chapter.

## Speed Control & More Flow

The **BJV-M** uses viscous fluid rotation speed control and operates using 2, 4 or 6 jets in balance. The key difference between it and the **Raptor** on the preceding page is the flow volume. The **BJV-M** can handle up to 100 gpm and the **BJV-P16** can handle up to 200 gpm.

We offer a standard 6-jet head and a second head option that features a 7th boring jet for unplugging at 15° off-center in the front. Both are made of durable stainless steel and use replaceable high pressure seals and nozzle tips.



Our sales staff will help you select the right head.



Each of the **BJV** tools can be modified to accept extension nipples. See page 51 for details.

## BJV-M & BJV-P16 Nozzles 100 gpm & 200 gpm Options

MODEL	BJV-M	BJV-P16
Maximum Pressure	15k psi 1000 bar	10k psi 700 bar
Rotation Rate		
Fast	40-200 rpm	NA
Slow	5-80 rpm	30-80 rpm
Maximum Flow	100 gpm 380 lpm	200 gpm 760 lpm
Flow Rating	4.6 Cv	7.5 Cv
Length	7.25 in 18.4 cm	7.25 in 18.4 cm
Inlet Port	3/4 npt	1 npt
Weight	8 lbs 3.6 kg	8 lbs 3.6 kg
Standard Head	<b>BJ 044-P4-Rx</b>	<b>BJ 041-P8-Rx</b>
Diameter	3.0 in 76 mm	3.5 in 89 mm
Outlet Ports	6 or 7 x 1/4 npt	6 x 1/2 npt
Weight	3.3 lbs 1.5 kg	5.0 lbs 2.3 kg
Optional Head	<b>BJ 041-P8-Rx</b>	<b>BJ 041-P12-Rx</b>
Diameter	3.5 in 89 mm	3.5 in 89 mm
Outlet Ports	6 x 1/2 npt	6 x 3/4 npt
Weight	5.0 lbs 2.3 kg	5.0 lbs 2.3 kg

### Select the Right Head for BJV-M Flows

OFFSET FLOW	R60	R35	R20	R12
	12-20 gpm	23-35 gpm	40-60 gpm	70-100 gpm

### Selecting a Head for BJV-P16 Flows

OFFSET FLOW	R20	R12	R09
	50-85 gpm	85-150 gpm	150-200 gpm