

Bumper Spring/Standing Valve Combo



**FERGUSON
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New Intelligence In Problem Solving™



Application

Installed inside the tubing string when there is an API pump seating nipple.

Features

Two pieces of equipment are combined to create one assembly. A bumper spring, to absorb plunger arrival, along with standing valve (with or without ball and seat).

Benefits/Advantages

Combining the spring and the standing valve creates a piece of equipment that is easier, quicker and less expensive to install and retrieve. May be used as a standing valve (with ball and seat added) or the standing valve cage (without ball and seat) may be used as a convenient hold down. Usually installed with a wireline, but in some cases can be dropped from the surface.

New intelligence in problem solving™

The Bumper Spring/Standing Valve Combo is another low-cost, efficient method of increasing and optimizing production in oil and gas wells that have marginal flow characteristics.



Features:

- Calculated Spring Force/Spring is permanently attached
- Convenient one piece assembly
- Can be installed via wireline or may be dropped
- Installed in any API pump seating nipple
- Available with or without a ball and seat

Technical Specifications

Size	1¼	1½	2¼	2⅜	2⅞	3½
Part #	—	B.S15VA10	B.S21VA10	B.S20VA10	B.S25VA10	B.S30VA10
Overall Length	—	19.19"	19.27"	19.78"	20.10"	27.50"
No Go O.D.	—	1.510"	1.563"	1.895"	2.340"	2.870"
Fishing Neck Size	—	1.188"	1.188"	1.375"	1.375"	1.750"
Weight	—	5.1 lbs.	5.2 lbs.	8.2 lbs.	9.8 lbs.	20 lbs.

Contact us today to learn how Plunger Lift Technology can help improve your production performance. Visit our web site—or email us at: Automation@FergusonBeauregard.com

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