

Pressure-Relieving Standing Valve



**FERGUSON
BEAUREGARD™**
New Intelligence In Problem Solving™



Application

The idea of plunger lift is to remove as much liquid as possible from the wellbore, with the plunger arriving at surface every cycle. If an operator uses a standing valve with standard ball and seat, operations can be hindered if the liquid slug is too large. Build-up pressure in the annulus may not permit enough lift gas to bring the plunger and slug to surface, thus causing a loaded condition.

Features

Ferguson Beaugard™ introduces a new Pressure Relieving Standing Valve (PRSV), with an integrated bumper spring assembly, for relieving potentially unwanted liquid from the tubing string.

Benefits/Advantages

Installing the pressure relieving valve will allow the operator to equalize the tubing and casing pressures at the wellhead and effectively drain liquid from the tubing. This is accomplished when the added pressure on the tubing column compresses the relief spring, moving the seat across slots that allow the liquid to drain. A balance spring in the standing valve will preserve a small liquid slug inside the tubing string to ensure against a “dry run.” During normal operations, liquid loads are supported by pressure working upward against the seating assembly.



Features:

- Equalize the tubing and casing pressures at the wellhead and effectively drain liquid from the tubing
- Preserve a small liquid slug inside the tubing string to ensure against a “dry run”

Technical Specifications

Size	1½	21/16	23/8	27/8
Overall Length	20.667"	21.625"	21.887"	22.000"
No Go Shoulder Diameter	1.510"	1.563"	1.895"	2.340"
Minimum I.D.	.875"	.875"	1.000"	1.000"
Seating Nipple Size	1.460"	1.500"	1.781"	2.280"
Fishing Neck Size	1.188"	1.188"	1.375"	1.375"
Relief Spring Working Pressure	34 psi	34 psi	22 psi	22 psi
Weight	5.8 lbs.	5.7 lbs.	9.3 lbs.	10.5 lbs.

Contact us today to learn how the Pressure-Relieving Standing Valve can help improve your production performance. Visit our web site or email us at: staff@fbdover.com

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