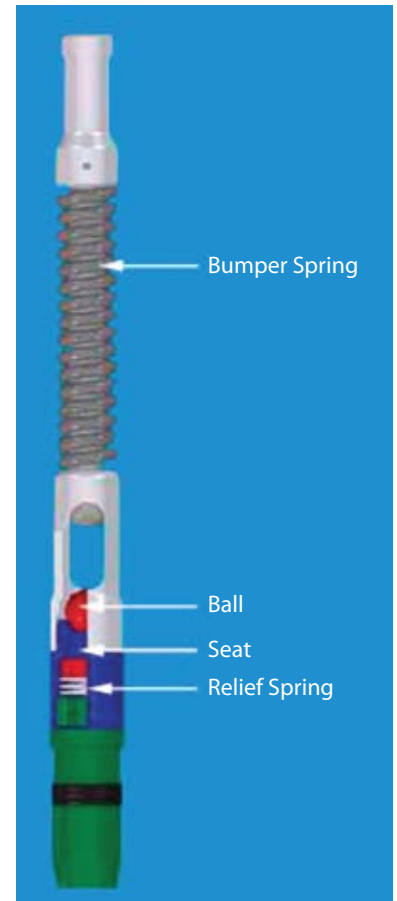




Pressure-Relieving Standing Valve

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. 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.

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.



For more information, contact your local field technician, or call our main office.

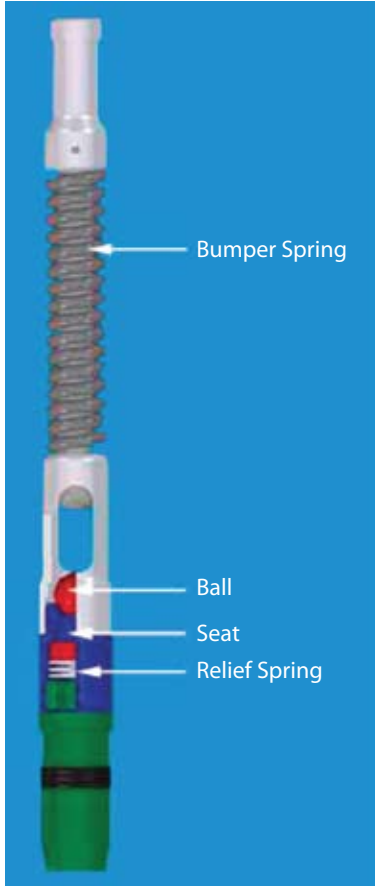
1-800-282-0039

Engineering Data

Size	1½	2¼	2¾	2⅞
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.



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The PRSV is available for standard seating nipples as well as X and XN type nipples.

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Weight	5.7 lbs.	5.7 lbs.	9.3 lbs.	10.5 lbs.