

DRILL STEM SAFETY VALVES

Hi-Kalibre Equipment Drill Stem Safety Valves (DSSV) are widely used for both blow out prevention and mud control during drilling operations. Our valves are in service in every oil producing country in the world, and on the biggest rigs in the world. Using our patented Dual Ball Valve, top drive manufacturers can now produce equipment with greatly reduce stack heights while maintaining independent blow out prevention functionality.



DESIGN FEATURES INCLUDE:

- One piece body with full drift bores
- Patented upper split ring and seat design for ease of equalization and improved serviceability
- Patented Dual Ball technology available, which incorporates two independent valves and single body
- Can be remotely actuated with our patented Rotary Hydraulic Actuator
- Balanced stem stop design for accurate, robust stopping and proper ball alignment
- Gas tight, metal to metal seat seals, in both directions
- Reduced stem diameters for low torque operation even under maximum pressure
- Removable inserts protect the stem seal areas in the body and provide maximum body life
- API Spec 8C tested and compliant configurations available
- NACE trim
- Available in a wide variety of sizes and end connections
- Reliable, field proven, serviceable design

Series	Top/Bottom Connection	ID/OD (")	Length (")	Pressure (psig)	Weight (lbs.)	Alternate End Connection/Configuration
0400-IF-SERIES	2-3/8" IF NC 26 BOX 2-3/8" IF NC 26 PIN	1.12 3.38	16.50	5,000	55	2-7/8" PAC, 2-3/8" SLH90HT
0750-M-SERIES	2-3/8" IF NC26 BOX 2-3/8" IF NC26 PIN	1.75 3.75	18.25	5,000	52	
2875-IF-SERIES	2-7/8" IF NC 31 BOX 2-7/8" IF NC 31 PIN	1.75 4.25	25	5,000	140	NC31 (14" LONG), 3-1/2" XH, 3-1/2" HT38
0780-SERIES	2-7/8" SLH90 BOX 2-7/8" SLH90 PIN	2.00 3.88	24.88	5,000	75	
1500-M-SERIES	2-7/8" IF NC 31 BOX 2-7/8" IF NC 31 BOX	2.00 4.25	21.00	5,000	55	
3030-XT39-N-SER	XT39 BOX XT39 PIN	2.00 5.00	23.00	10,000	180	XT39 (14" LONG)
3053-IF-SERIES	3-1/2" NC38 BOX 3-1/2" NC38 PIN	2.00 5.00	22.00	10,000	87	NC38 (4.75" OD SLIM HOLE)
3090-FH-SERIES	4" FH NC40 BOX 4" FH NC40 PIN	2.25 5.25	22.00	10,000	105	NC38, 3-1/2" H90, XT38, XT39, TT38 4-5/8" XTC CORE PIPE, NC28 (12.25" LONG)
3092-FH-M-SER	4-1/2" FH BOX 4-1/2" FH PIN	2.25 6.13	21.00	10,000	170	NC46, NC50, 4-1/2" HT90, XT46, HT38
3092-XH-M-SER	4-1/2" XH NC46 BOX 4-1/2" XH NC46 PIN	2.25 6.13	21.00	10,000	170	4-1/2" FH, NC50, 4-1/2" H90, XT46, HT38
311X-NC38-SERIES	3-1/2" NC38 BOX 3-1/2" NC38 PIN	2.25 5.38	16.88	15,000	65	XT38, XT39
4234-RLH-SERIES	4-1/2" REG LH BOX 4-1/2" REG LH PIN	2.25 6.13	16.00	10,000	170	
411X-IF-SERIES	4-1/2" IF NC50 BOX 4-1/2" IF NC50 PIN	2.75 6.63	16.00	15,000	190	XT57, VX57, XT54
5115-SERIES	6-5/8" REG LH BOX 6-5/8" REG LH PIN	2.75 7.75	20.00	15,000	200	
4150-IF-SERIES	4-1/2" IF NC50 BOX 4-1/2" IF NC50 PIN	2.81 6.63	20.50	10,000	156	NC46, 4-1/2 H90, NC50 (33" LONG), XT 50, HT55, WT38
4172A-IF-SERIES	4-1/2" IF NC50 BOX 4-1/2" IF NC50 PIN	2.81 6.63	16.00	15,000	125	HT55, 5-1/2" FH
4179-NC50-SERIES	4-1/2" IF NC50 BOX 4-1/2" IF NC50 PIN	2.81 7.38	19.05	15,000	144	
5150-SERIES	6-5/8" REG LH BOX 6-5/8" REG LH PIN	3.06 7.75	20.00	10,000	200	6-5/8" REG RH, R-5/8" REG RH (16.25" LONG), 6-5/8" FH, NC61

Contact Hi-Kalibre Equipment for custom top drive drill stem safety valve sizes or configurations.

Series	Top/Bottom Connection	ID/OD (")	Length (")	Pressure (psig)	Weight (lbs.)	Alternate End Connection/Configuration
5166A-FH-SERIES	5-1/2" FH BOX 5-1/2" FH PIN	3.08 7.38	20.26	15,000	149	
5194-RRH-SERIES	6-5/8" RRH PIN 6-5/8" RRH BOX	3.07 7.38	20.72	15,000	154	
5388-DC-RRH-SERIES	7-5/8" RRH BOX 7-5/8" RRH PIN	3.07 9.50	20.38	15,000	266	
8110-FH-SERIES	6-5/8" FH BOX 6-5/8" FH PIN	4.00 9.00	20.00	10,000	425	
8160-DC-SERIES	8-5/8" RRH BOX 8-5/8" RRH PIN	4.00 10.00	24.37	15,000	340	

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