

Hydril Pressure Control Kellyguard™ Valves

Original one-piece valve for reliable well control, easy maintenance and long life

Pressure Control Equipment: Valves

Applications & Benefits

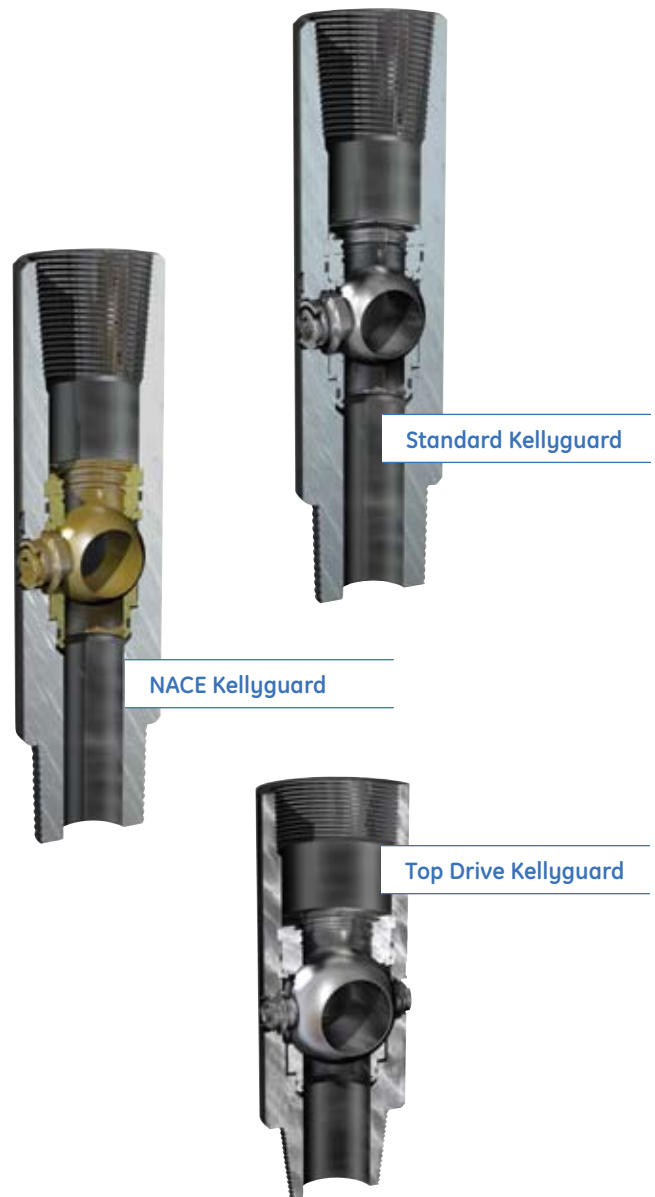
Field-proven Hydril Pressure Control Kellyguard™ valves are ideal for traditional and top-drive drill stem applications. Whether operating as an upper kelly cock, top-drive kelly cock, lower kelly cock, drill-pipe safety valve or mud saver, these original one-piece valves set the industry standard for quality, ease of maintenance and length of service. Our OEM-designed and developed NACE Trim Kellyguard valves are available for normal and corrosive drilling environments. Kellyguard valves also:

- Enable easy handling with compact, one-piece bodies
- Require little maintenance and no lubrication outside of assembly
- Provide exceptional pressure balancing to significantly reduce the operating torque needed to open the valve at high pressure

Key Features

Hydril Pressure Control Kellyguard valves are designed to handle the demands of modern drilling. With corrosion-resistant stainless steel internal parts, precision manufacturing for interchangeability, and easy assembly and repair, Kellyguard valves facilitate reliable well control, save mud costs and improve safety by reducing slippery mud on the rig floor. With a primary seal created by well pressure and a downward pressure seal for effective low-pressure sealing when used as a mud saver, our Kellyguard valves are engineered for the full range of kelly valve applications. Available in 10,000 and 15,000 psi protection, all Kellyguard valves:

- Offer an effective metal-to-metal, ball-to-seat seal for low-to-high pressure conditions
- Feature a replaceable operating crank sleeve that protects the body from unnecessary wear for extended life
- Include extra length on each end in case damaged threads or shoulders require re-cutting the connection
- Meet API SPEC 7 Class II design requirements



The Hydril Pressure Control Kellyguard Advantage

Designed and developed to reliably fit the full range of Kelly valve applications, our one-piece Kellyguard valves offer proven performance, easy maintenance and long service life.

Stainless steel internal parts, corrosion-resistance and precision manufacturing enable easy assembly and repair. For reliable well control and the prevention of mud spillage, count on Kellyguard.

Engineering Data

Valve Size (inches)	ID (inches)	Weight (lbs)	Hex (inches)	Connection	OD (inches)	Length (inches)
3.00	1.75	53	0.50	NC31 (2.875IF)	4.25	16.50
3.00	1.75	69	0.50	NC38 (3.50 IF)	4.25	16.06
3.00	1.75	59	0.50	3.50 EUE 8R	4.25	15.50
3.00	1.75	59	0.50	2.875 EUE 8R	4.25	16.60
3.00	1.75	69	0.50	WT38	4.75	16.50
3.00	1.75		0.50	NC38 (3.50 IF)	4.75	25.00
3.00	1.75		0.50	XT39	5.00	15.51
3.50	2.25	80	0.625	NC38 (3.50 IF)	5.38	18.06
3.50	2.25	115	0.625	4.50 FH	6.13	18.06
3.50	2.25	135	0.625	NC50 (4.50 IF)	6.38	17.56
3.50	2.25	120	0.625	NC46 (4.00 IF)	6.13	17.56
3.50	2.25	115	0.625	4.50 REG LH	6.13	17.82
3.50	2.25	80	0.625	NC40 (4.00 FH)	5.38	17.56
3.50	2.25		0.625	NC38 SHORT	5.38	15.50
3.50	2.25		0.625	WT40	5.38	18.06
3.50	2.25		0.625	DS50	6.38	17.56
4.25	2.8125	130	0.875	NC46 (4.00 IF)	6.63	20.06
4.25	2.8125	134	0.875	NC50 (4.50 IF)	6.63	20.06
4.25	2.8125	228	0.875	5.50 IF	7.75	19.56
4.25	2.8125	215	0.875	6.625 REG LH	7.75	19.56
4.25	2.8125	117	0.875	NC50 SHORT	6.63	15.75
4.25	2.8125		0.875	NC50 LONG	6.63	33.06
4.25	2.8125		0.875	HT55 (400)	7.00	20.06
5.25	3.0625	180	0.875	NC50 RH	7.38	20.06
5.25	3.0625	192	0.875	5.50 FH	7.38	19.56
5.25	3.0625	188	0.875	NC56	7.38	19.56
5.25	3.0625	218	0.875	5.50 IF	7.75	19.56
5.25	3.0625	218	0.875	6.625 REG LH	7.75	19.56
5.25	3.0625		0.875	6.62 REG RH	7.88	19.56
5.25	3.0625	140	0.875	6.6250 REG RH SHORT	7.38	15.81
5.25	3.0625	205	0.875	6.625 FH	8.00	19.56
5.25	3.0625	270	0.875	7.6250 REG RH	8.63	16.56
5.25	3.0625		0.875	5.50 FH DSTJ pin X WT50 box	7.38	19.56
5.25	3.0625		0.875	XT57	7.38	16.25

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