

Pressure Control Equipment

Annular Blowout Preventers (API-16A)

We supply two types of annular BOP which are spherical rubber core (Bolted-cover) FH and taper rubber core (Latched-head)FHZ .The BOP are manufactured in accordance with API Specification 16A and NACE MR0175 Per API specification16A,temperature T20.They meet the applicable API and NACE requirements for H2S service.



Annular BOP Sizes and Models

Working pressure (psi)	Bore(inches)							
	7 1/16	9	11	13 5/8	16 3/4	18 3/4	20 3/4	21 1/4
10000								
5000								
3000								
2000								

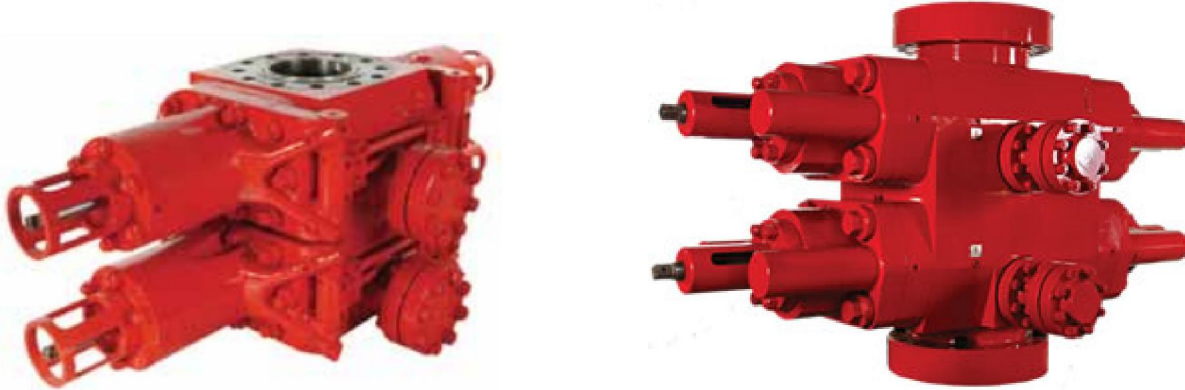
Annular BOP specifications

Bore(inches)	7 1/16		9		11			13 5/8			20-3/4	21-1/4
Working pressure(psi)	3000	5000	3000	5000	3000	5000	10000	3000	5000	10000	3000	2000
Operating pressure(psi)	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
Gallons to close	4.92	4.57	7.23	11.05	11	18.67	30.58	23.5	23.58	40.16	43.4	31.1
Gallons to open	3.43	3.21	5.03	8.72	6.78	14.95	24.67	14.67	17.41	32.64	26.9	18.9
Width(inches)	29	29	35 1/2	40	39 7/8	44 3/4	57	46 3/8	50	64 1/2	54 1/8	52 3/4
Height(inches), Studded Top, Flanged bottom	29-1/8	30-7/8	32 1/2	36-1/2	32 7/8	41-1/2	53	40-11/16	44-15/16	58-3/4	48-7/16	52-1/2
Weight(lbs), Studded Top, Flanged bottom	2900	3175	4775	6800	5825	9550	23000	9100	13650	32475	14600	15100
Ring Gasket	R-45	R-46	R-49	R-50	R-53	R-54	BX-158	R-57	BX-160	BX-159	R-74	R-73



Ram Blowout Preventers (API-16A)

We supply Shaffer (LWP,LWS, SL/SLX,LXT) style and Cameron U style ram blowout preventers. Our blowout preventers are manufactured in accordance with API specification 16A and NACE MR0175 per API Specification 16A, Temperature T20. They meet the applicable API and NACE requirements for H2S service.



Ram BOP Sizes and Models

Working pressure (psi)	Bore(inches)							
	7 1/16	9	11	13 5/8	16 3/4	18 3/4	20 3/4	21 1/4
15000								
10000								
5000								
3000								
2000								

Shaffer (LWP,LWS, SL/SLX,LXT)Style Ram BOP Specifications

Bore(inch)	7 1/16		9		11			13 5/8			20 3/4	21-1/4
Working pressure(psi)	5000	10000	3000	5000	3000	5000	10000	3000	5000	10000	3000	2000
Length(in)	58 1/4	79	60	79 1/8	72-5/8	89-1/4	122-3/4	130 1/4	130 1/4	128 3/4	127 1/2	127 1/2
Width(in)	21 1/2	30	21 1/2	23-1/16	25-15/16	28-3/4	38-9/16	40-3/4	40-3/4	43-1/16	41 -1/4	40 7/8
H Single Stud x Stud	15	22 7/8	11 1/8	14 1/2	14 1/2	19 1/2	23 1/2	17 1/4	17 1/4	28	23 1/8	23 1/8
H Double Stud x Stud	26 3/4	36 5/8	22	29 1/2	29 3/8	33	40 7/8	34	34	46	49 1/4	44-7/16
W(lbs), Single Stud x Stud	1385	5550	1170	2870	2116	4150	11100	8400	8800	13200	7448	7285
W(lbs),Double Stud x Stud	2504	9900	2200	5750	4096	7725	20560	15350	15620	23400	14615	14455
Gallons to open	1.18	2.34	0.68	2.27	1.45	2.62	7	4.46	4.46	10.52	4.46	4.46
Gallons to close	1.45	2.72	0.77	2.58	1.74	2.98	9.45	5.44	5.44	10.58	5.07	5.07
Closing ratio	5.45:1	7.11:1	4.5:1	5.57:1	5.45:1	5.57:1	7.11:1	5.54:1	5.54:1	7.11:1	5.57:1	5.57:1



Type Cameron U Ram BOP Specification

Bore(inches)	7 1/16		11				13 5/8				20-3/4	21-1/4
Working pressure(psi)	5000	10000	3000	5000	10000	15000	3000	5000	10000	15000	3000	2000
Length(inches)	74	74	95.25	96.25	96.25	124	112.13	112.13	114.13	139	143.69	143.69
Width(inches)	20.25	20.63	25.13	25.13	25.75	32.00	29.25	29.25	30.25	39.50	39.52	39.52
Height(inches)												
Single Flange x Flange	27.50	30.56	29.06	34.31	35.69	44.81	31.31	33.81	41.69	53.69	40.56	37.90
Height(inches)												
Double Flange x Flange	44.19	48.63	49.25	54.50	55.88	69.75	53.38	55.88	66.63	81.75	66.13	62.75
Weight(lbs), Single Flange x Flange	2800	3550	5300	5600	6400	10300	7200	7700	10300	23700	13650	13250
Weight(lbs), Double Flange x Flange	5200	6400	9900	10200	11300	18400	14300	14800	18400	43250	25550	25150
Locking Screw Turns (Each end)	18	18	27	27	27	32	32	32	32	45	46	46
Gallons to open	1.3	1.3	3.4	3.4	3.4	5.7	5.5	5.5	5.5	10.4	8.1	9
Gallons to close	1.3	1.3	3.5	3.5	3.5	5.8	5.8	5.8	5.8	10.6	8.7	8.7
Closing ratio	6.9:1	6.9:1	7.3:1	7.3:1	7.3:1	9.8:1	7.0:1	7.0:1	7.0:1	10.6:1	7.0:1	7.0:1

Diverters

We supply 29 1/2" 500PSI diverters.



BOP Parts

Annular and ram BOP parts for all the popular OEMs - packing elements, ram assemblies, ram blocks, ram rubbers, etc.



Packing Element



Packing Element



Ram Blocks



Ram Blocks



Ram Blocks



Ram Rubber

BOP Control systems (API-16D)

We supply a wide range of BOP closing units, the number of control object is from 1 to 14.

