

Type 55 Blowout Preventer

AXON's Type 55 Annular BOP is designed for safe well pressure control during surface casing drilling operations. The simple design has been proven and accepted for reliable operation in all oil and gas areas in the world. Its four main components (body, piston, head, and packing element) allow for easy maintenance and reliability. Moreover, its packing element can close on all pipe, casing, wireline, coiled tubing, and other objects to its full working pressure. Stripping of pipe, tubing, and wireline through the packing element can also be accomplished at lower pressures.



FEATURES / BENEFITS

General Type 55 Product Information

- Designed and manufactured to ISO 13533 (API 16A) for Drill Through Equipment
- Designed as standard to ISO 15156-1 (NACE MR-0175) for use in hydrogen sulfide environments
- Steel inserts prevent extrusion of the rubber and feed inward to close on any pipe or tubular in the well bore
- Special rubber materials available for non-standard environments
- Standard operation pressure of 1500 psi (10,34 Mpa)
- Forged materials rated for H2S service

29-1/2" 500 psi Product Information

- Hydraulic operation performed by connection to a close (NPT) port located on the body
- Opening achieved by expansion of the packing element to its original open position in the BOP
- Replacement of the packing element is performed by removing locking plates securing the head to the body, lifting the head from the body, and lifting of the element out of the piston bowl

Type 55 Annular Blowout Preventer

FEATURES / BENEFITS

21-1/4" 2000 psi Product Information

- Hydraulic operation performed by connection to an open and close (NPT) port located on the body
- Closing achieved by upward movement of the piston
- Opening achieved by the hydraulic movement of the piston downward, which allows expansion of the packing element to its original open position in the BOP
- Replacement of the packing element is performed by unscrewing head, lifting head from body, and lifting element out of the piston bowl
- Optional latch head design is available for fast, efficient removal of the head from the body
- Available with either 20-3/4" 3,000 or 21-1/4" 2,000 flanged bottom connections
- All hydraulic operating ports are 1" NPT

SPECIFICATIONS

Dimensional Data

Bore Size		7-1/16"	9"	11"	20-3/4" *	20-3/4"	21-1/4"	21-1/4"	HL 21-1/4"	29-1/2"
Working Pressure		2,000 psi	2,000 psi	2,000 psi	2,000 psi	2,000 psi	2,000 psi	2,000 psi	2,000 psi	500 psi
Head Type		Screwed	Screwed	Screwed	Screwed	Latched	Screwed	Latched	Screwed	Lockring
Old Nominal Size		6"	8"	10"	20"	20"	20"	20"	20"	29-1/2"
Shell Test Pressure (factory only)		4,000 psi	4,000 psi	4,000 psi	3,000 psi	3,000 psi	3,000 psi	3,000 psi	3,000 psi	800 psi
Operating Chamber Test Pressure (factory only)		3,000 psi	3,000 psi	3,000 psi	3,000 psi	3,000 psi	3,000 psi	3,000 psi	3,000 psi	2,275 psi
Operating Chamber Volume For Full Piston Stroke (1" NPT Hyd Connections are standard; 1-1/4" NPT & 1-1/2" NPT available upon request)	Closing	2.85 gal	4.57 gal	7.43 gal	31.05 gal	31.05 gal	31.05 gal	31.05 gal	31.75 gal	60 gal
	Opening	1.98 gal	2.95 gal	5.23 gal	18.93 gal	18.93 gal	18.93 gal	18.93 gal	19.25 gal	-
Full Piston Stroke		4-1/8"	5-3/4"	6-1/8"	11-1/4"	11-1/4"	11-1/4"	11-1/4"	11-1/2"	13-9/16"
Body Diameter		25-3/8"	27-1/2"	32-3/4"	52-3/4"	56-5/8"	52-3/4"	56-5/8"	52-1/2"	75"
Clearance Diameter		29-7/8"	32	37-1/4"	58-3/4"	58-3/4"	58-3/4"	58-3/4"	61-1/4"	82-1/2"
Height (w/standard studded top connection rated to working pressure of BOP)	Flanged Bottom	25-3/4"	30-1/4"	31-3/4"	3m: 54-1/4"	-	52-1/2"	52-1/2"	48"	-
	Studded Bottom	-	-	-	-	-	-	46"	-	-
Weight (w/standard studded top connection rated to working pressure of BOP)	Flanged Bottom	1,850 lbs	2,450 lbs	3,520 lbs	-	-	16,320 lbs	-	-	24,500 lbs
	Studded Bottom	-	-	-	-	-	15,290 lbs	-	-	-
	Hub Bottom	-	-	-	-	-	-	-	-	-
Standard Ring Groove	Flanged Bottom	RX-45	RX-49	RX-53	3m: RX-74	3M: RX-74	RX-73	RX-73	-	R-95
	Studded Bottom	-	-	-	-	-	-	RX-73	-	-

* 21-1/4 2M BOP w/3M Bottom