

Type 46 Gate Valve (Mud Service)

Designed to work specifically in mud service operations and standpipe manifolds during drilling operations, AXON's Type 46 Mud Service Gate Valves are rated up to 7500 psi. The Type 46 Mud Service Gate Valve is a bi-directional sealing gate valve utilizing industry-proven designs and materials. Furthermore, the open conduit design allows for body clean out by flow through the open valve.



SPECIFICATIONS

	Size	End Connection	Height	Length	Weight
5,000 PSI W.P.					
	2-1/16 in	2-1/16 in API 5,000, R-24	22.90 in	14.62 in	150 lb
	3-1/8 in	3-1/8 in API 5,000, R-35	27.34 in	18.62 in	300 lb
	4-1/16 in	4-1/16 in API 5,000, R-39	32.13 in	21.62 in	1040 lb
	5-1/8 in	5-1/8 in API 5,000, R-44	35.71 in	28.62 in	950 lb
7,500/10,000 PSI W.P.					
	2-1/16 in	2-1/16 in API 10,000, BX-152	22.90 in	20.50 in	150 lb
	3-1/16 in	3-1/16 in API 10,000, BX-154	27.34 in	24.38 in	300 lb
	4-1/16 in	4-1/16 in API 10,000, BX-155	32.13 in	26.38 in	1040 lb
	5-1/16 in	5-1/16 in API 10,000, BX-169	35.71 in	29.00 in	950 lb

FEATURES / BENEFITS

Technical Details

- Designed for pressures up to 10,000 PSI
- Bore sizes up to 5.19" (132mm) available
- API 6A monogramming is standard
- API flanged, butt-weld or clamp hub end connections available
- Standard trim rated for H2S service according to ISO 15156-1 (NACE MR-0175)

Design

- Rising stem protects threads from bore fluids and provides open or close position indication of the valve
- Common parts interchangeable with AXON Type 41 - 43 gate valves
- Metal sealing pressure energized bonnet gasket
- Metal to metal gate to seat seal
- Gate and seats coated for abrasion and wear resistance