



Technical Data Sheet: HA 11" X 3,000 psi

All HEC Annular Blowout Preventers are manufactured and tested according to HEC Quality Management Standards

Part Number: 113HA

Performance Requirement Level: PR1

Rated Working Pressure: 3,000 psi

Rated Hydraulic Pressure: 1,500 psi

Operating Range: 0" to 8-5/8"

Temperature Ranges:

Metallic: -20 to 250°F

Elastomers: 20 to 200°F

Assembly Weights and Dimensions:

11"-3M	Height (in.)	Width (in.)	Weight (lbs.)
	42.31	39.875	5,750

Operating Capacities:

Bore and Working Pressure (psi)	Gallons to Open	Gallons to Close
11" – 3M	6.78	11

Elastomers:

Nitrile (70 Shore A) from PHOENIX B.O.P. PRODUCTS

Nominal Operational range: 40 to 180°F

Note: Natural (70 Shore A) is available upon request

Test Results:

- Fatigue Test: 364 open/close cycles, 52 pressure test.
- Packer Access: 200 cycles, 20 pressure cycles.
- Low Temp: 3 cycles of 7 open and closes and low and high pressure test at or below 20°F.
- Cont. High Temp.: 10 cycles of 3 open and closes and low and high pressure test at or above 200°F.
- Extreme High Temp.: Full rated working pressure for 60 minutes at or above 200°F.