



Baten<sup>Geo</sup> was designed specifically to address the demands of geothermal wells. Custom modifications to the proven Baten<sup>TM</sup> product line include high temperature steam rated seals and mechanical firing without delay in both directions. TAQA's proprietary internal mechanical latch assures that a correctly configured jar will not accidentally fire while tripping, making connections or while racked in the derrick.

## MECHANICAL

**MAX TEMPERATURE**  
Geo Seals: 405°F / 207°C + Steam

### IMPERIAL

OD (in)	ID (in)	Length (ft)	Weight (lbs)	Free Stroke Up (in)	Free Stroke Down (in)	Pump Open Area (in <sup>2</sup> )	Latch Setting Up (lbs)*	Latch Setting Down (lbs)*	Overpull to Yield (lbs)	Torsional Yield (lbf-ft)
4.875	2.250	17.00	700	6.0	6.00	11.00	30,000 - 40,000	17,000 - 27,000	380,000	17,000
6.550	2.500	17.50	1,400	5.0	6.00	16.80	78,000 - 110,000	40,000 - 62,000	685,000	40,000
6.880	2.625	17.50	1,500	6.0	6.00	18.70	67,000 - 110,000	40,000 - 62,000	625,500	40,000
8.150	2.813	19.00	2,300	6.0	9.00	28.20	80,000 - 110,000	45,000 - 62,000	1,150,000	68,000

### METRIC

OD (in)	ID (in)	Length (ft)	Weight (lbs)	Free Stroke Up (in)	Free Stroke Down (in)	Pump Open Area (in <sup>2</sup> )	Latch Setting Up (lbs)*	Latch Setting Down (lbs)*	Overpull to Yield (lbs)	Torsional Yield (lbf-ft)
124	57	5.18	318	15.2	15.2	71.0	13,000 - 18,000	8,000 - 12,000	169,032	23,049
166	64	5.33	635	12.7	15.2	108.4	35,000 - 49,000	18,000 - 28,000	304,703	54,232
175	67	5.33	680	15.2	15.2	120.6	30,000 - 49,000	18,000 - 28,000	278,236	54,232
207	71	5.79	1,043	15.2	22.9	181.9	36,000 - 49,000	20,000 - 28,000	511,545	92,194

\*Recommended settings. Contact local TAQA representative if locks need to be adjusted outside these limits.  
\*\*\*Low pump open area option available for 8"

### CONFIGURATION

Fire Up: **Mechanical**

Fire Down: **Mechanical**

Safety Mechanism: **Internal Latch**