

Single-Set Inflatable Production Packer

Inflatable Packers



Single-Set Inflatable Production Packers (IPP) are retrievable wellbore isolation tools designed for cased or open hole applications. These include GOR (or WOR) control, remedial treatment, water shut off and a host of other zone isolation tasks. Inflatable packers are designed such that they may be run through wellbore restrictions and set in less than ideal well conditions. Single-Set inflatable Production Packers can be configured with a wide variety of accessories that make them suitable for many tasks.

Features

- **Small run-in O.D. to pass through wellbore restrictions**
- **Large inflation capacity**
- **Run-in O.D. from 3.5 to 15 inches (88.9 mm to 381 mm)**
- **Differential pressures to 5,500 psi (38 mPa)**
- **Available for sour service**
- **Set with pump pressure only**
- **Released with right-hand rotation (optional pull release)**
- **Designed for cased or open hole**

Single-Set Inflatable Production Packer							
Run-In O.D.		Maximum Inflated O.D.		Mandrel I.D.		Connection	
in	mm	in	mm	in	mm	in	mm
3-1/2	88.9	7	177.8	1.250	31.7	2.375	60.3
3-7/8	98.4	7-3/4	196.9	1.250	31.7	2.375	60.3
4-1/4	108.0	8-1/2	215.9	2.000	50.8	2.375	60.3
4-5/8	117.5	9-1/4	235.0	2.000	50.8	2.375	60.3
5-1/2	139.7	11	279.4	2.000	50.8	2.375	60.3
6-1/4	158.8	12-1/2	317.5	2.000	50.8	2.375	60.3
6-3/4	171.5	13-1/2	342.9	2.000	50.8	2.375	60.3
5-1/2	139.7	11	279.4	2.500	63.5	2.875	73.0
6-1/4	158.5	12-1/2	317.5	2.500	63.5	2.875	73.0
6-3/4	171.5	13-1/2	342.9	2.500	63.5	2.875	73.0
7-1/2	190.5	15	381.0	2.500	63.5	2.875	73.0
9-1/4	235.0	18-1/2	469.9	2.500	63.5	2.875	73.0
10-1/2	266.7	21	533.4	2.500	63.5	2.875	73.0
11	279.4	22	558.8	2.500	63.5	2.875	73.0
15	381.0	30	762.0	2.500	63.5	2.875	73.0

Other sizes available upon request.

Retrievable Inflatable Bridge Plug

Retrievable Inflatable Bridge Plugs are wellbore isolation tools designed for cased or open hole applications, including remedial treatment, water shut-off, and a host of other zone isolation tasks. Inflatable packers are designed so that they may be run through wellbore restrictions and set in less than ideal well conditions.

Features

- Small run-in O.D. to pass through wellbore restrictions
- Large inflation capacity
- Run-in O.D. from 3.5 to 15 inches (88.9 mm to 381 mm)
- Differential pressures to 5,500 psi (38 mPa)
- Available for sour service
- Set with pump pressure only
- Left-hand or right-hand off or straight shear
- Designed for cased or open hole
- Run on tubing, coiled tubing, or drill pipe

Retrievable Inflatable Bridge Plug							
Run-In O.D.		Maximum Inflated O.D.		Mandrel I.D.		Connection	
in	mm	in	mm	in	mm	in	mm
3-1/2	88.9	7	177.8	1.250	31.7	2.375	60.3
3-7/8	98.4	7-3/4	196.9	1.250	31.7	2.375	60.3
4-1/4	108.0	8-1/2	215.9	2.000	50.8	2.375	60.3
4-5/8	117.5	9-1/4	235.0	2.000	50.8	2.375	60.3
5-1/2	139.7	11	279.4	2.000	50.8	2.375	60.3
6-1/4	158.8	12-1/2	317.5	2.000	50.8	2.375	60.3
6-3/4	171.5	13-1/2	342.9	2.000	50.8	2.375	60.3
5-1/2	139.7	11	279.4	2.500	63.5	2.875	73.0
6-1/4	158.5	12-1/2	317.5	2.500	63.5	2.875	73.0
6-3/4	171.5	13-1/2	342.9	2.500	63.5	2.875	73.0
7-1/2	190.5	15	381.0	2.500	63.5	2.875	73.0
9-1/4	235.0	18-1/2	469.9	2.500	63.5	2.875	73.0
10-1/2	266.7	21	533.4	2.500	63.5	2.875	73.0
11	279.4	22	558.8	2.500	63.5	2.875	73.0
15	381.0	30	762.0	2.500	63.5	2.875	73.0

Other sizes available upon request.



Multi-Set Inflatable Production Packer

Multi-Set Inflatable Production Packers are retrievable wellbore isolation tools designed for cased or open hole applications. These include GOR (or WOR) control, remedial treatment, water shut-off, and a host of other zone isolation tasks. Inflatable packers are designed such that they may be run through wellbore restrictions and set in less than ideal well conditions. Multi-Set Inflatable Production Packers can be configured with a wide variety of accessories making them suitable for many tasks.

Features

- Can be reset several times without coming out of the hole
- Small run-in O.D. to pass through wellbore restrictions
- Large inflation capacity
- Run-in O.D. from 3.5 to 15 inches (88.9 mm to 318 mm)
- Differential pressures to 55,000 psi (38 mPa)
- Available for sour service
- Set with pump pressure only
- Released with right-hand rotation
- Designed for cased or open hole

Multi-Set Inflatable Production Packer							
Run-In O.D.		Maximum Inflated O.D.		Mandrel I.D.		Connection	
in	mm	in	mm	in	mm	in	mm
3-1/2	88.9	7	177.8	1.250	31.7	2.375	60.3
3-7/8	98.4	7-3/4	196.9	1.250	31.7	2.375	60.3
4-1/4	108.0	8-1/2	215.9	2.000	50.8	2.375	60.3
4-5/8	117.5	9-1/4	235.0	2.000	50.8	2.375	60.3
5-1/2	139.7	11	279.4	2.000	50.8	2.375	60.3
6-1/4	158.8	12-1/2	317.5	2.000	50.8	2.375	60.3
6-3/4	171.5	13-1/2	342.9	2.000	50.8	2.375	60.3
5-1/2	139.7	11	279.4	2.500	63.5	2.875	73.0
6-1/4	158.5	12-1/2	317.5	2.500	63.5	2.875	73.0
6-3/4	171.5	13-1/2	342.9	2.500	63.5	2.875	73.0
7-1/2	190.5	15	381.0	2.500	63.5	2.875	73.0
9-1/4	235.0	18-1/2	469.9	2.500	63.5	2.875	73.0
10-1/2	266.7	21	533.4	2.500	63.5	2.875	73.0
11	279.4	22	558.8	2.500	63.5	2.875	73.0
15	381.0	30	762.0	2.500	63.5	2.875	73.0

Other sizes available upon request.





Annular Casing Packers are used to provide an annular seal between casing and open hole, or between casing strings. Applications for this product include water shut-off, reducing gas migration, preventing zone contamination by cement, supporting cement columns above low-pressure formations, and isolating production and injection zones.

Features

- Standard with LT&C or ST&C box and pin
- Large inflation capacity (up to two times run-in diameter)
- Run-in O.D. from 3.39 to 23 inches (86.1 mm to 584.2 mm)
- Differential pressures to 40,00 psi (27.5 mPa)
- Available for sour service
- Set with pump pressure only
- One piece mandrel
- Fail-safe valve system
- Element length from 3 ft to 40 ft (0.91 m to 12.2 m)
- Standard clearance (SC), extra clearance (XC), extreme clearance (XXC)

Annular Casing Packer							
Casing		O.D.		O.D.		O.D.	
in	mm	in	mm	in	mm	in	mm
2-3/8	60.3	3.625	92.1	3.5	88.9	3.390	86.1
2-7/8	73.0	4.250	108.0	4.000	101.6	3.650	92.7
3-1/2	88.9	4.750	120.7	4.400	111.8	4.300	109.2
4	101.6	5.180	131.6	4.900	124.5	4.770	121.2
4-1/2	114.3	5.750	146.1	5.630	143.0	5.500	139.7
5	127.0	6.250	158.8	6.125	155.6	5.950	151.1
5-1/2	139.7	7.000	177.8	6.790	172.5	6.500	165.1
6-5/8	168.3	7.940	201.7	7.750	196.9	7.630	192.8
7	177.8	8.250	209.6	8.030	203.9	8.000	203.2
7-5/8	193.7	9.000	228.6	8.750	222.3	...	...
8-5/8	219.0	10.250	260.4	10.000	254.0	...	...
9-5/8	244.5	11.25	285.8	11.000	279.4	...	...
10-3/4	273.1	12.750	323.9	12.375	314.3	...	...
11-3/4	298.5	13.750	349.3	13.375	339.7	...	...
13-3/8	339.7	15.740	400.1	15.250	387.4	...	...
16	406.4	18.250	463.6	18.000	457.2	...	...
18-5/8	473.1	20.500	520.7	20.000	508.0	...	...
20	508.0	23.000	584.2	22.000	558.8	...	...