

RAM BOP

Ram Blowout Preventer (Ram BOP)

Ram blowout preventer (Ram BOP) is the important equipment widely used in onshore and offshore drilling.

Ram BOP, such as single ram BOP, double ram BOP, triple ram BOP and quadplex ram BOP, are mainly hydraulic operated & manual operated. All ram BOPs are strictly manufactured as per API SPEC 16A, and can be used to replace Shaffer ram BOP, Cameron ram BOP & Hydril ram BOP.



Ram BOP

Technical Specifications of RAM BOP

RAM BOP Model	Bore (in)	Working Pressure (MPa/psi)	Shear & Not	Open Volume (L)	Close Volume (L)	Locking Type	Total Weight(kg) (reference)	Dimension(mm)			Connection	
								L	W	H	Top	Bottom
FZ18-21	7-1/16	21/3,000	N	2x1.6	2x2	Manual	798	1,520	540	280	Studded	Studded
2 FZ18-21				4x1.6	4x2		1,660	1,520	540	566	Studded	Studded
FZ18-35	7-1/16	35/5,000	N	2x1.6	2x2		798	1,520	540	280	Studded	Studded
FZ18-35				4x1.6	4x2		900	1,520	540	450	Studded	Studded
FZ18-70	7-1/16	70/10,000	N	2x2.75	2x2.75		1,240	2,054	480	595	Studded	Studded
2 FZ18-70				4x2.75	4x2.75		2,335	2,054	480	910	Studded	Studded
FZ23-21	9	21/3,000	N	2x1.96	2x2.36		792	1,726	595	280	Studded	Studded
2 FZ23-21				4x1.96	4x2.36		1,800	1,726	595	710	Studded	Studded
FZ23-35	9	35/5,000	N	2x4.4	2x5		1,735	2,032	735	625	Studded	Studded
2 FZ23-35				4x4.4	4x5		3,980	2,032	865	830	Flanged	Flanged
FZ23-70	9	70/10,000	N	2x5.7	2x6.3		3,025	2,046	915	925	Studded	Studded
2 FZ23-70				4x5.7	4x6.3		5,480	2,046	915	1130	Studded	Studded
FZ23-70				2x5.38	2x6.08		3,350	1,958	915	925	Flanged	Flanged
2 FZ23-70				4x5.38	4x6.08		6,080	1,958	915	1345	Flanged	Flanged
FZ28-21	11	21/3,000	N	2x5.2	2x6	1,840	2,070	675	690	Flanged	Flanged	
2 FZ28-21				4x5.2	4x6	3,650	2,070	875	800	Studded	Studded	
FZ28-21			2x13	2x12.1	2,155	2,448	675	690	Studded	Flanged		
2 FZ28-21	11	35/5,000	N	2x5.2 up 2x13 down	2x6 up 2x12.1 down	3,865	2,448	875	800	Studded	Studded	
FZ28-35				2x5.15	2x5.9	2,260	2,110	780	660	Studded	Flanged	
2 FZ28-35	4x5.15	4x5.9	4,255	2,110	865	830	Studded	Flanged				
FZ28-35	11	35/5,000	Y	2x11	2x12	2,660	2,510	780	660	Studded	Flanged	
2 FZ28-35				4x11	4x5.9	4,935	2,510	880	1300	Flanged	Flanged	

FZ28-70	11	70/10,000	Y	2x15	2x16.5	Manual	3,955	2,445	920	803	Flanged	Flanged
2 FZ28-70				4x15	4x16.5		7,500	2,445	1020	1233	Studded	Flanged
FZ35-14	13-5/8	14/2,000	N	2x2.8	2x3.55		1,360	2,400	720	335	Studded	Flanged
FZ35-21	13-5/8		N	2x5.85	2x6.65		2,020	2,340	750	555	Studded	Flanged
2 FZ35-21				4x5.85	4x6.65	3,516	2,340	844	790	Studded	Studded	
FZ35-21			Y	2x17.5	2x20	2,865	2,564	830	593	Studded	Flanged	
2 FZ35-21				2x17.5	2x20		5,481	2,564	830	994	Studded	Flanged
FZ35-21			Y	2x24	2x27		5,908	3,818	1180	705	Studded	Flanged
FZ35-35	13-5/8	35/5,000	N	2x8.25	2x8.95		3,300	2,400	920	710	Studded	Flanged
2 FZ35-35					4x8.25	4x8.25	6,150	2,400	920	1360	Flanged	Flanged
FZ35-35			Y	2x17.9	2x19.6	3,620	2,693	920	710	Studded	Flanged	
2 FZ35-35				4x17.9	4x19.6	6,420	2,693	920	1145	Studded	Flanged	
FZ35-70	13-5/8	70/10,000	Y	2x14.7	2x16.6		6,445	2,670	1240	960	Studded	Flanged
2 FZ35-70				4x14.7	4x16.6	11,950	2,670	1240	1485	Studded	Flanged	
FZ35-70				2x18.3	2x20.9	6,450	2,795	1240	966	Studded	Flanged	
2 FZ35-70				4x18.3	4x20.9	11,660	2,795	1238	1491	Studded	Studded	
FZ43-35	16-3/4	35/5,000	Y	2x20	2x23		6,600	3,155	1238	850	Studded	Flanged
2 FZ43-35				4x20	4x23	11,800	3,155	1215	1400	Studded	Flanged	
FZ48-35	18-3/4	35/5,000	Y	2x26.5	2x31		9,420	3,420	1180	1242	Flanged	Flanged
2 FZ48-35				4x26.5	4x31	17,020	3,420	1325	1797	Flanged	Flanged	
FZ53-21	20-3/4	21/3,000	N	2x11.65	2x13.65		5,365	3,206	1215	1100	Flanged	Flanged
2 FZ53-21				4x11.65	4x13.65	9,530	3,206	1180	1280	Studded	Flanged	
FZ54-14	21-1/4	14/2,000	N	2x11.65	2x13.65		4,725	3,206	1325	705	Studded	Flanged
2 FZ54-14				4x11.65	4x13.65	8,980	3,206	1180	1155	Studded	Flanged	
FZ54-14			Y	2x11.65	2x13.65	5,268	3,818	1180	705	Studded	Flanged	
2 FZ54-14				4x11.65	4x13.65	10,116	3,818	1180	1155	Studded	Flanged	
FZ54-35	21-1/4	35/5,000	Y	2x29.7	2x31.1		9,730	3,494	1387	1071	Studded	Flanged
2 FZ54-35				4x29.7	4x31.1	17,625	3,494	1387	1656	Studded	Studded	
FZ54-70	21-1/4	70/10,000	Y	2x28	2x29		17,873	3,880	1845	1660	Studded	Flanged
2 FZ54-70				4x28	4x29	28,075	3,880	1845	2225	Studded	Flanged	
FZ68-21	26-3/4	21/3,000	Y	2x33.5	2x35		10,520	4,154	1800	980	Studded	Flanged
2 FZ68-21				4x33.5	4x33.5	19,841	4,154	1800	1612	Studded	Flanged	