

SHAFFER HYDRAULIC BLOWOUT PREVENTERS

(Potented)

TYPE E DOUBLE PREVENTERS PARTS AND SPECIFICATION DATA

Refer to Fig. 61

[illegible]

* Number required will be twice the number specified unless $n = 1$ or 2, then

DIMENSIONAL AND ENGINEERING DATA ON SHAFFER TYPE F HYDRAULIC DOUBLE BLOWOUT PREVENTERS
Refer to Dimensional Drawings—Fig. 62 and Fig. 63

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Refer to Dimensional Drawings—Fig. 62 and Fig. 63															
Size	Max. Service Pressure Rating, PSI	Test Pressure, PSI	Vertical Bore	Approx. Weight, Lbs.	Ram Size	Height	Depth	Length	D	E	F Doors Open to Close Rams	Closing Ratio	Opening Ratio	U.S. Gals. Fluid to Close Rams	U.S. Gals. Fluid to Open Rams
6"	5000	10000	7 1/2"	100	S.O. thru 1 1/2"	10 1/2"	10 1/2"	10 1/2"	10 1/2"	10 1/2"	21 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
8"	5000	10000	9"	150	S.O. thru 2"	12 1/2"	12 1/2"	12 1/2"	12 1/2"	12 1/2"	25 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
10"	5000	10000	11"	200	S.O. thru 2 1/2"	14 1/2"	14 1/2"	14 1/2"	14 1/2"	14 1/2"	29 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
12"	5000	10000	13"	250	S.O. thru 3"	16 1/2"	16 1/2"	16 1/2"	16 1/2"	16 1/2"	33 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
14"	5000	10000	15"	300	S.O. thru 3 1/2"	18 1/2"	18 1/2"	18 1/2"	18 1/2"	18 1/2"	37 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
16"	5000	10000	17"	350	S.O. thru 4"	20 1/2"	20 1/2"	20 1/2"	20 1/2"	20 1/2"	41 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
18"	5000	10000	19"	400	S.O. thru 4 1/2"	22 1/2"	22 1/2"	22 1/2"	22 1/2"	22 1/2"	45 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
20"	5000	10000	21"	450	S.O. thru 5"	24 1/2"	24 1/2"	24 1/2"	24 1/2"	24 1/2"	49 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
22"	5000	10000	23"	500	S.O. thru 5 1/2"	26 1/2"	26 1/2"	26 1/2"	26 1/2"	26 1/2"	53 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
24"	5000	10000	25"	550	S.O. thru 6"	28 1/2"	28 1/2"	28 1/2"	28 1/2"	28 1/2"	57 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
26"	5000	10000	27"	600	S.O. thru 6 1/2"	30 1/2"	30 1/2"	30 1/2"	30 1/2"	30 1/2"	61 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
28"	5000	10000	29"	650	S.O. thru 7"	32 1/2"	32 1/2"	32 1/2"	32 1/2"	32 1/2"	65 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
30"	5000	10000	31"	700	S.O. thru 7 1/2"	34 1/2"	34 1/2"	34 1/2"	34 1/2"	34 1/2"	69 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
32"	5000	10000	33"	750	S.O. thru 8"	36 1/2"	36 1/2"	36 1/2"	36 1/2"	36 1/2"	73 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
34"	5000	10000	35"	800	S.O. thru 8 1/2"	38 1/2"	38 1/2"	38 1/2"	38 1/2"	38 1/2"	77 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
36"	5000	10000	37"	850	S.O. thru 9"	40 1/2"	40 1/2"	40 1/2"	40 1/2"	40 1/2"	81 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
38"	5000	10000	39"	900	S.O. thru 9 1/2"	42 1/2"	42 1/2"	42 1/2"	42 1/2"	42 1/2"	85 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
40"	5000	10000	41"	950	S.O. thru 10"	44 1/2"	44 1/2"	44 1/2"	44 1/2"	44 1/2"	89 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
42"	5000	10000	43"	1000	S.O. thru 10 1/2"	46 1/2"	46 1/2"	46 1/2"	46 1/2"	46 1/2"	93 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
44"	5000	10000	45"	1050	S.O. thru 11"	48 1/2"	48 1/2"	48 1/2"	48 1/2"	48 1/2"	97 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
46"	5000	10000	47"	1100	S.O. thru 11 1/2"	50 1/2"	50 1/2"	50 1/2"	50 1/2"	50 1/2"	101 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
48"	5000	10000	49"	1150	S.O. thru 12"	52 1/2"	52 1/2"	52 1/2"	52 1/2"	52 1/2"	105 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
50"	5000	10000	51"	1200	S.O. thru 12 1/2"	54 1/2"	54 1/2"	54 1/2"	54 1/2"	54 1/2"	109 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
52"	5000	10000	53"	1250	S.O. thru 13"	56 1/2"	56 1/2"	56 1/2"	56 1/2"	56 1/2"	113 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
54"	5000	10000	55"	1300	S.O. thru 13 1/2"	58 1/2"	58 1/2"	58 1/2"	58 1/2"	58 1/2"	117 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
56"	5000	10000	57"	1350	S.O. thru 14"	60 1/2"	60 1/2"	60 1/2"	60 1/2"	60 1/2"	121 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
58"	5000	10000	59"	1400	S.O. thru 14 1/2"	62 1/2"	62 1/2"	62 1/2"	62 1/2"	62 1/2"	125 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
60"	5000	10000	61"	1450	S.O. thru 15"	64 1/2"	64 1/2"	64 1/2"	64 1/2"	64 1/2"	129 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
62"	5000	10000	63"	1500	S.O. thru 15 1/2"	66 1/2"	66 1/2"	66 1/2"	66 1/2"	66 1/2"	133 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
64"	5000	10000	65"	1550	S.O. thru 16"	68 1/2"	68 1/2"	68 1/2"	68 1/2"	68 1/2"	137 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
66"	5000	10000	67"	1600	S.O. thru 16 1/2"	70 1/2"	70 1/2"	70 1/2"	70 1/2"	70 1/2"	141 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
68"	5000	10000	69"	1650	S.O. thru 17"	72 1/2"	72 1/2"	72 1/2"	72 1/2"	72 1/2"	145 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
70"	5000	10000	71"	1700	S.O. thru 17 1/2"	74 1/2"	74 1/2"	74 1/2"	74 1/2"	74 1/2"	149 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
72"	5000	10000	73"	1750	S.O. thru 18"	76 1/2"	76 1/2"	76 1/2"	76 1/2"	76 1/2"	153 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
74"	5000	10000	75"	1800	S.O. thru 18 1/2"	78 1/2"	78 1/2"	78 1/2"	78 1/2"	78 1/2"	157 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
76"	5000	10000	77"	1850	S.O. thru 19"	80 1/2"	80 1/2"	80 1/2"	80 1/2"	80 1/2"	161 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
78"	5000	10000	79"	1900	S.O. thru 19 1/2"	82 1/2"	82 1/2"	82 1/2"	82 1/2"	82 1/2"	165 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
80"	5000	10000	81"	1950	S.O. thru 20"	84 1/2"	84 1/2"	84 1/2"	84 1/2"	84 1/2"	169 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
82"	5000	10000	83"	2000	S.O. thru 20 1/2"	86 1/2"	86 1/2"	86 1/2"	86 1/2"	86 1/2"	173 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
84"	5000	10000	85"	2050	S.O. thru 21"	88 1/2"	88 1/2"	88 1/2"	88 1/2"	88 1/2"	177 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
86"	5000	10000	87"	2100	S.O. thru 21 1/2"	90 1/2"	90 1/2"	90 1/2"	90 1/2"	90 1/2"	181 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
88"	5000	10000	89"	2150	S.O. thru 22"	92 1/2"	92 1/2"	92 1/2"	92 1/2"	92 1/2"	185 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
90"	5000	10000	91"	2200	S.O. thru 22 1/2"	94 1/2"	94 1/2"	94 1/2"	94 1/2"	94 1/2"	189 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
92"	5000	10000	93"	2250	S.O. thru 23"	96 1/2"	96 1/2"	96 1/2"	96 1/2"	96 1/2"	193 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
94"	5000	10000	95"	2300	S.O. thru 23 1/2"	98 1/2"	98 1/2"	98 1/2"	98 1/2"	98 1/2"	197 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
96"	5000	10000	97"	2350	S.O. thru 24"	100 1/2"	100 1/2"	100 1/2"	100 1/2"	100 1/2"	201 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
98"	5000	10000	99"	2400	S.O. thru 24 1/2"	102 1/2"	102 1/2"	102 1/2"	102 1/2"	102 1/2"	205 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
100"	5000	10000	101"	2450	S.O. thru 25"	104 1/2"	104 1/2"	104 1/2"	104 1/2"	104 1/2"	209 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
102"	5000	10000	103"	2500	S.O. thru 25 1/2"	106 1/2"	106 1/2"	106 1/2"	106 1/2"	106 1/2"	213 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
104"	5000	10000	105"	2550	S.O. thru 26"	108 1/2"	108 1/2"	108 1/2"	108 1/2"	108 1/2"	217 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
106"	5000	10000	107"	2600	S.O. thru 26 1/2"	110 1/2"	110 1/2"	110 1/2"	110 1/2"	110 1/2"	221 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
108"	5000	10000	109"	2650	S.O. thru 27"	112 1/2"	112 1/2"	112 1/2"	112 1/2"	112 1/2"	225 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
110"	5000	10000	111"	2700	S.O. thru 27 1/2"	114 1/2"	114 1/2"	114 1/2"	114 1/2"	114 1/2"	229 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
112"	5000	10000	113"	2750	S.O. thru 28"	116 1/2"	116 1/2"	116 1/2"	116 1/2"	116 1/2"	233 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
114"	5000	10000	115"	2800	S.O. thru 28 1/2"	118 1/2"	118 1/2"	118 1/2"	118 1/2"	118 1/2"	237 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
116"	5000	10000	117"	2850	S.O. thru 29"	120 1/2"	120 1/2"	120 1/2"	120 1/2"	120 1/2"	241 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
118"	5000	10000	119"	2900	S.O. thru 29 1/2"	122 1/2"	122 1/2"	122 1/2"	122 1/2"	122 1/2"	245 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
120"	5000	10000	121"	2950	S.O. thru 30"	124 1/2"	124 1/2"	124 1/2"	124 1/2"	124 1/2"	249 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
122"	5000	10000	123"	3000	S.O. thru 30 1/2"	126 1/2"	126 1/2"	126 1/2"	126 1/2"	126 1/2"	253 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
124"	5000	10000	125"	3050	S.O. thru 31"	128 1/2"	128 1/2"	128 1/2"	128 1/2"	128 1/2"	257 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
126"	5000	10000	127"	3100	S.O. thru 31 1/2"	130 1/2"	130 1/2"	130 1/2"	130 1/2"	130 1/2"	261 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
128"	5000	10000	129"	3150	S.O. thru 32"	132 1/2"	132 1/2"	132 1/2"	132 1/2"	132 1/2"	265 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
130"	5000	10000	131"	3200	S.O. thru 32 1/2"	134 1/2"	134 1/2"	134 1/2"	134 1/2"	134 1/2"	269 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
132"	5000	10000	133"	3250	S.O. thru 33"	136 1/2"	136 1/2"	136 1/2"	136 1/2"	136 1/2"	273 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
134"	5000	10000	135"	3300	S.O. thru 33 1/2"	138 1/2"	138 1/2"	138 1/2"	138 1/2"	138 1/2"	277 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
136"	5000	10000	137"	3350	S.O. thru 34"	140 1/2"	140 1/2"	140 1/2"	140 1/2"	140 1/2"	281 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
138"	5000	10000	139"	3400	S.O. thru 34 1/2"	142 1/2"	142 1/2"	142 1/2"	142 1/2"	142 1/2"	285 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
140"	5000	10000	141"	3450	S.O. thru 35"	144 1/2"	144 1/2"	144 1/2"	144 1/2"	144 1/2"	289 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
142"	5000	10000	143"	3500	S.O. thru 35 1/2"	146 1/2"	146 1/2"	146 1/2"	146 1/2"	146 1/2"	293 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
144"	5000	10000	145"	3550	S.O. thru 36"	148 1/2"	148 1/2"	148 1/2"	148 1/2"	148 1/2"	297 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
146"	5000	10000	147"	3600	S.O. thru 36 1/2"	150 1/2"	150 1/2"	150 1/2"	150 1/2"	150 1/2"	301 1/2"	6 to 1	2 1/2 to 1	2 1/2	2 1/2
148"	5000	10000	149"	3650	S.O. thru 37"	152 1/2"	152 1/2"	152 1/2"	152 1/2"	152 1/2"	305 1/2"	6 to 1	2 1/2 to 1	2 1/2</	

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