

Equipment Name	make	Model	Size (inch)	Rated working pressure (PSI)	Required pressure (to open and close) (PSI)	Minimum operated pressure for low pressure (PSI)	Shearing pressure (PSI)	Opening volume (GAL)	Closing volume (GAL)	Shearing ratio	Closing /sealing ratio
Annular	Shaffer	bolted	21 1/4	2000	1500	1500		16,92	32,59		
Pipe ram	Shaffer	LWS	21 1/4	2000	1500	1500		13,59	14,5		16
Pipe ram	Shaffer	LWS	21 1/4	2000	1500	1500		13,59	14,5		16
Blind ram	Shaffer	LWS	21 1/4	2000	1500	1500		13,59	14,5		16
HCR	MCM	F & FC	4" 1/16	10000	1500	1500		1	1		
HCR	MCM	F & FC	4" 1/16	10000	1500	1500		1	1		
HCR	MCM	F & FC	2" 1/16	10000	1500	1500		1	1		
HCR	MCM	F & FC	2" 1/16	10000	1500	1500		1	1		

Surface Temperature at	32-131°F (0-55°)	°F
Temperature Range	0-122 °F (0-50°C)	°F
System pressure	3000	PSI

Drill Pipe Size				
Pipe Size	Weight	Shearing pressure	Grade	