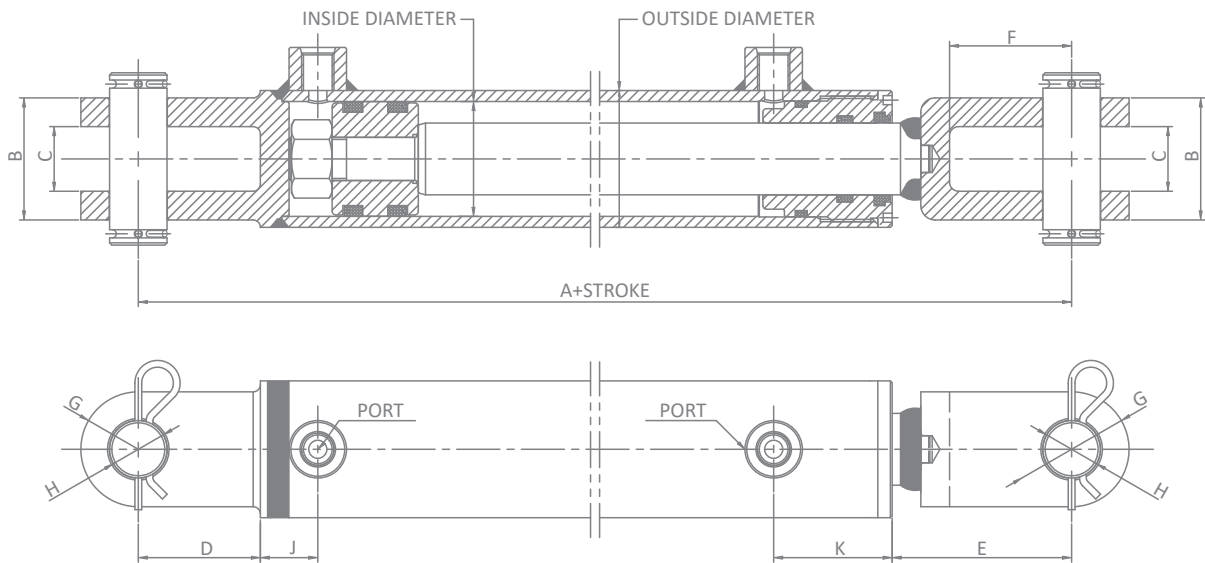


WELDED HYDRAULIC CYLINDERS WCL 3000PSI



WELDED HYDRAULIC CYLINDERS WCL 3000PSI



PART NUMBER	INSIDER DIAMETER	OUTSIDER DIAMETER	*A	B	C	D	*E	F	G	H	J	K	ROD DIAMETER	PORT
6043015-	1.50"	2.00"	8.25"	1.62"	0.87"	1.37"	2.25"	1.37"	0.75"	0.76"	0.93"	1.87"	1.00"	3/8 NPT
6043020-	2.00"	2.50"	10.25"	2.12"	1.12"	2.12"	3.12"	2.12"	1.00"	1.01"	1.00"	2.06"	1.25"	3/8 NPT
6043025-	2.50"	3.00"	10.25"	2.12"	1.12"	2.12"	3.12"	2.12"	1.00"	1.01"	0.81"	2.18"	1.50"	1/2 NPT
6043030-	3.00"	3.50"	10.25"	2.12"	1.12"	2.12"	3.12"	2.12"	1.00"	1.01"	0.81"	2.18"	1.50"	1/2 NPT
6043035-	3.50"	4.00"	10.25"	2.37"	1.12"	2.00"	3.12"	2.12"	1.00"	1.01"	0.93"	2.18"	1.75"	1/2 NPT
6043040-	4.00"	4.50"	10.25"	2.37"	1.12"	1.75"	3.12"	2.00"	1.00"	1.01"	1.06"	2.18"	2.00"	1/2 NPT
6043050-	5.00"	5.50"	13.00"	3.12"	1.62"	2.25"	3.62"	2.25"	1.51"	1.51"	1.37"	2.75"	2.50"	1/2 NPT

*FOR 80.00" STROKE: *A=12.25" (2.00" TO 400" BORE)

*FOR 80.00" STROKE: *E=512" (2.00" TO .400" BORE)

*FOR 1.50" TO 5.00" BORE: SAE PORTS ARE AVAILABLE

SEAL TEMPERATURE RANGE: -30°C/+100°C (-22°F/+212°F)

SEAL MAXIMUM SPEED: 3 FT/SEC

MAXIMUM RETRACTED WORKING PRESSURE=3000 PSI

WELDED FEMALE CLEVIS CYLINDER

PART NUMBER	ROD DIAMETER	BORE & STROKE	DIMENSIONS		PORT SIZE	PIN SIZE	WEIGHT (LBS)			
			RETRACTED	EXTENDED						
604301504	1"	1.5" X 4"	14-1/4"	18-1/4"	3/8 NPT	3/4"	8			
604301506		1.5" X 6"	16-1/4"	22-1/4"			9			
604301508		1.5" X 8"	18-1/4"	26-1/4"			11			
604301510		1.5" X 10"	20-1/4"	30-1/4"			12			
604301512		1.5" X 12"	22-1/4"	34-1/4"			13			
604301514		1.5" X 14"	24-1/4"	38-1/4"			14			
604301516		1.5" X 16"	26-1/4"	42-1/4"			15			
604301518		1.5" X 18"	28-1/4"	46-1/4"			17			
604301520		1.5" X 20"	30-1/4"	50-1/4"			18			
604301524		1.5" X 24"	34-1/4"	58-1/4"			20			
604302004		1-1/4"	2" X 4"	14-1/4"			18-1/4"	3/8 NPT	1"	14
604302006			2" X 6"	16-1/4"			22-1/4"			16
604302008	2" X 8"		18-1/4"	26-1/4"	18					
604302010	2" X 10"		20-1/4"	30-1/4"	19					
604302012	2" X 12"		22-1/4"	34-1/4"	21					
604302014	2" X 14"		24-1/4"	38-1/4"	23					
604302016	2" X 16"		26-1/4"	42-1/4"	25					
604302018	2" X 18"		28-1/4"	46-1/4"	26					
604302020	2" X 20"		30-1/4"	50-1/4"	28					
604302024	2" X 24"		34-1/4"	58-1/4"	31					
604302028	2" X 28"		38-1/4"	66-1/4"	35					
604302030	2" X 30"		40-1/4"	70-1/4"	36					
604302032	2" X 32"		42-1/4"	74-1/4"	38					
604302034	2" X 34"		44-1/4"	78-1/4"	40					
604302036	2" X 36"		46-1/4"	82-1/4"	42					
604302040	2" X 40"		50-1/4"	90-1/4"	45					
604302048	2" X 48"		58-1/4"	106-1/4"	52					
604302504	1-1/2"		2.5" X 4"	14-1/4"	18-1/4"	1/2 NPT	1"			18
604302506		2.5" X 6"	16-1/4"	22-1/4"	20					
604302508		2.5" X 8"	18-1/4"	26-1/4"	24					
604302510		2.5" X 10"	20-1/4"	30-1/4"	25					
604302512		2.5" X 12"	22-1/4"	34-1/4"	27					
604302514		2.5" X 14"	24-1/4"	38-1/4"	29					
604302516		2.5" X 16"	26-1/4"	42-1/4"	32					
604302518		2.5" X 18"	28-1/4"	46-1/4"	34					
604302520		2.5" X 20"	30-1/4"	50-1/4"	36					
604302524		2.5" X 24"	34-1/4"	58-1/4"	40					
604302528		2.5" X 28"	38-1/4"	66-1/4"	45					
604302530		2.5" X 30"	40-1/4"	70-1/4"	47					
604302532		2.5" X 32"	42-1/4"	74-1/4"	49					
604302534		2.5" X 34"	44-1/4"	78-1/4"	52					
604302536		2.5" X 36"	46-1/4"	82-1/4"	54					
604302540		2.5" X 40"	50-1/4"	90-1/4"	58					
604302548		2.5" X 48"	58-1/4"	106-1/4"	67					

ADJUSTABLE FEMALE CLEVIS CYLINDER

PART NUMBER	ROD DIAMETER	BORE & STROKE	DIMENSIONS		PORT SIZE	PIN SIZE	WEIGHT (LBS)
			RETRACTED	EXTENDED			
604303004	1-1/2"	3" X 4"	14-1/4"	18-1/4"	1/2 NPT	1"	22
604303006		3" X 6"	16-1/4"	22-1/4"			24
604303008		3" X 8"	18-1/4"	26-1/4"			27
604303010		3" X 10"	20-1/4"	30-1/4"			29
604303012		3" X 12"	22-1/4"	34-1/4"			31
604303014		3" X 14"	24-1/4"	38-1/4"			34
604303016		3" X 16"	26-1/4"	42-1/4"			36
604303018		3" X 18"	28-1/4"	46-1/4"			39
604303020		3" X 20"	30-1/4"	50-1/4"			41
604303024		3" X 24"	34-1/4"	58-1/4"			46
604303028		3" X 28"	38-1/4"	66-1/4"			51
604303030		3" X 30"	40-1/4"	70-1/4"			53
604303032		3" X 32"	42-1/4"	74-1/4"			56
604303034		3" X 34"	44-1/4"	78-1/4"			58
604303036		3" X 36"	46-1/4"	82-1/4"			61
604303040		3" X 40"	50-1/4"	90-1/4"			66
604303048		3" X 48"	58-1/4"	106-1/4"			75
604303504		1-3/4"	3.5" X 4"	14-1/4"			18-1/4"
604303506	3.5" X 6"		16-1/4"	22-1/4"	30		
604303508	3.5" X 8"		18-1/4"	26-1/4"	35		
604303510	3.5" X 10"		20-1/4"	30-1/4"	36		
604303512	3.5" X 12"		22-1/4"	34-1/4"	39		
604303514	3.5" X 14"		24-1/4"	38-1/4"	42		
604303516	3.5" X 16"		26-1/4"	42-1/4"	46		
604303518	3.5" X 18"		28-1/4"	46-1/4"	49		
604303520	3.5" X 20"		30-1/4"	50-1/4"	52		
604303524	3.5" X 24"		34-1/4"	58-1/4"	58		
604303528	3.5" X 28"		38-1/4"	66-1/4"	64		
604303530	3.5" X 30"		40-1/4"	70-1/4"	67		
604303532	3.5" X 32"		42-1/4"	74-1/4"	70		
604303534	3.5" X 34"		44-1/4"	78-1/4"	73		
604303536	3.5" X 36"		46-1/4"	82-1/4"	76		
604303540	3.5" X 40"		50-1/4"	90-1/4"	82		
604303548	3.5" X 48"		58-1/4"	106-1/4"	94		

ADJUSTABLE FEMALE CLEVIS CYLINDER

PART NUMBER	ROD DIAMETER	BORE & STROKE	DIMENSIONS		PORT SIZE	PIN SIZE	WEIGHT (LBS)
			RETRACTED	EXTENDED			
604304004	2"	4.0" X 4"	14-1/4"	18-1/4"	1/2 NPT	1"	33
604304006		4.0" X 6"	16-1/4"	22-1/4"			37
604304008		4.0" X 8"	18-1/4"	26-1/4"			42
604304010		4.0" X 10"	20-1/4"	30-1/4"			44
604304012		4.0" X 12"	22-1/4"	34-1/4"			48
604304014		4.0" X 14"	24-1/4"	38-1/4"			52
604304016		4.0" X 16"	26-1/4"	42-1/4"			55
604304018		4.0" X 18"	28-1/4"	46-1/4"			59
604304020		4.0" X 20"	30-1/4"	50-1/4"			63
604304024		4.0" X 24"	34-1/4"	58-1/4"			70
604304028		4.0" X 28"	38-1/4"	66-1/4"			77
604304030		4.0" X 30"	40-1/4"	70-1/4"			81
604304032		4.0" X 32"	42-1/4"	74-1/4"			85
604304034		4.0" X 34"	44-1/4"	78-1/4"			89
604304036		4.0" X 36"	46-1/4"	82-1/4"			92
604304040		4.0" X 40"	50-1/4"	90-1/4"			100
604304048		4.0" X 48"	58-1/4"	106-1/4"			114
604305004		2-1/2"	5.0" X 4"	16-1/4"			20-1/4"
604305006	5.0" X 6"		18-1/4"	24-1/4"	69		
604305008	5.0" X 8"		20-1/4"	28-1/4"	74		
604305010	5.0" X 10"		22-1/4"	32-1/4"	79		
604305012	5.0" X 12"		24-1/4"	36-1/4"	84		
604305014	5.0" X 14"		26-1/4"	40-1/4"	89		
604305016	5.0" X 16"		28-1/4"	42-1/4"	95		
604305018	5.0" X 18"		30-1/4"	48-1/4"	100		
604305020	5.0" X 20"		32-1/4"	52-1/4"	105		
604305024	5.0" X 24"		36-1/4"	60-1/4"	115		
604305028	5.0" X 28"		40-1/4"	68-1/4"	125		
604305030	5.0" X 30"		42-1/4"	72-1/4"	130		
604305032	5.0" X 32"		44-1/4"	76-1/4"	136		
604305034	5.0" X 34"		46-1/4"	80-1/4"	141		
604305036	5.0" X 36"		48-1/4"	84-1/4"	146		
604305040	5.0" X 40"		52-1/4"	92-1/4"	156		
604305048	5.0" X 48"		60-1/4"	108-1/4"	177		