

TELESCOPIC TYPE

PARKER

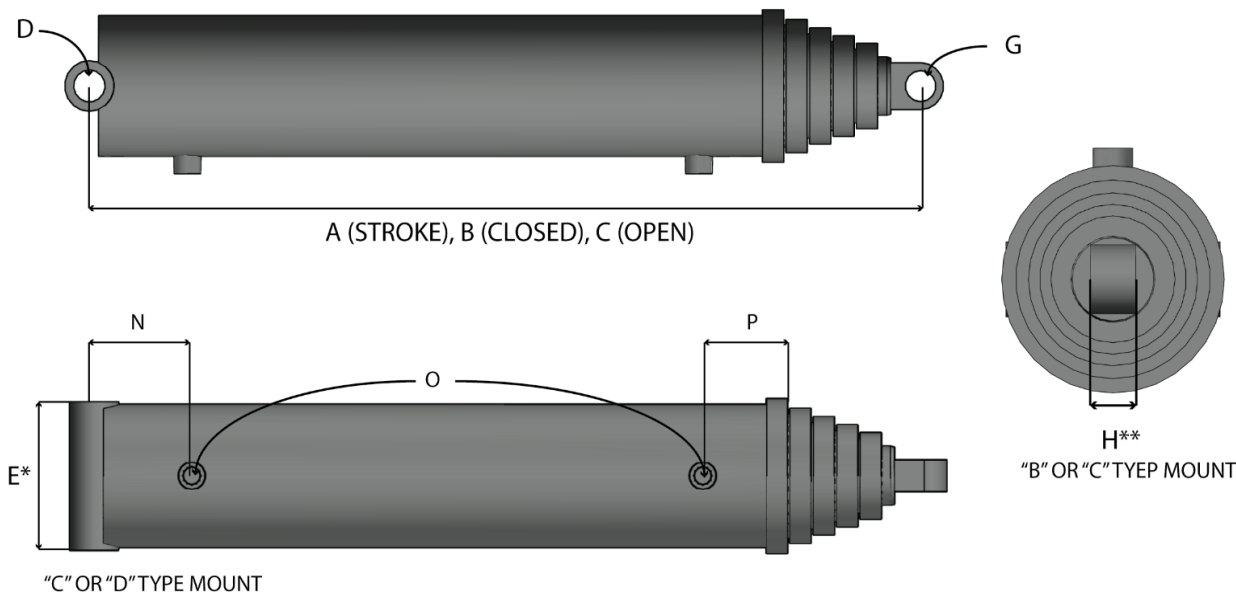


Type:	Telescopic - Parker replacement
Action:	Single acting
Rod end:	Options include pin-eye drilled thru, clevis, and threaded ends
Base end:	Cross tube, trunnion, flange, and other common OEM-style options
Stages:	2 to 4 moving stages
Nominal stage OD range:	4" to 8"
Rod:	Standard chrome plated rod steel 1045



1 YEAR
WARRANTY





MOUNTING OPTIONS																
CODE LETTER		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P
MOUNT		PLAIN-NO MOUNT	PIN EYE DRILLED THRU MOUNT	PIN EYE DRILLED THRU LUG	CROSS TUBE	THREADED	DRILLED AND TAPPED	FLANGE MOUNT AT BASE	FLANGE MOUNT MID-BODY	FOOT/PAD MOUNT	CENTERLINE MOUNT	DOUBLE LUG CLEVIS MOUNT	TRUNNION MOUNT	ROD END DRILLED AND TAPPED	BALL MOUNT	SOCKET MOUNT
MOUNT LOCATION	BODY	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓
	ROD	✓	✓	✓	✓	✓	✓					✓		✓	✓	✓

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**ALL NUMBERS GIVEN ARE NOMINAL VALUES AND SHOULD BE USED FOR REFERENCE ONLY. ALL PRODUCT SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

2 STAGE			BLEEDERLESSPARKER TYPE SINGLE ACTING HYDRAULIC CYLINDER										
Model	NOMINAL STAGE OD	NUMBER STAGES	A STROKE	B CLOSED	C OPEN	D PIN	E WIDTH	G PIN	H WIDTH	N LOCATION	O SIZE	P LOCATION	WEIGHT LBS
S42CG19-40	4	2	40.00	32.44	72.44	1.5 0	2.00	1.5 0	2.00	14"	3/4" NPT		52
S52CG41- 54.62	5	2	54.62	38.00	92.62	2.5 0	3.62	2.5 0	3.62	3.88"	1" NPT		120
S52CG41- 67.25	5	2	67.25	46.81	114.0 6	2.5 0	3.62	2.5 0	3.62	3.88"	1" NPT		145
S52DB-9-67.50	5	2	67.50	46.75	114.2 5	3.0 0	5.50	2.0 0	3.00	20"	1" NPT		135

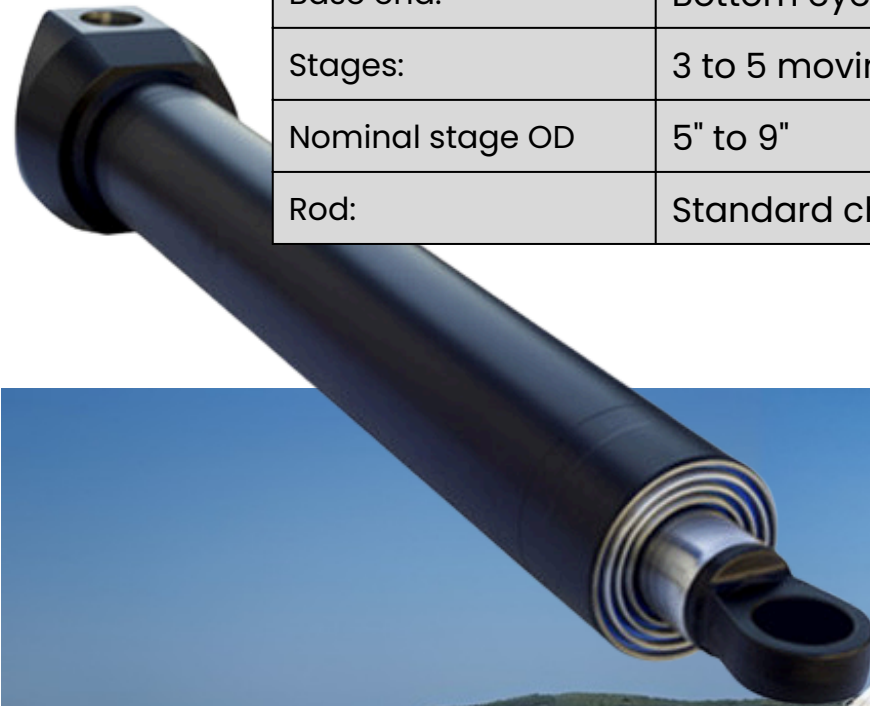
3 STAGE			BLEEDERLESSPARKER TYPE SINGLE ACTING HYDRAULIC CYLINDER										
Model	NOMINAL STAGE OD	STAGES	A STROKE	B CLOSED	C OPEN	D PIN	E WIDTH	G PIN	H WIDTH	N LOCATION	O SIZE	P LOCATION	WEIGHT LBS
S43DB-3-75	4	3	75.00	33.88	108.88	2.00	5.00	1.25	1.69		3/4" NPT	19"	85
S53DB-13-60	5	3	60.00	30.00	90.00	2.00	6.00	1.50	2.63		1" NPT	19"	120
S53DB-18-90	5	3	90.00	39.75	129.75	2.00	6.00	1.50	2.63		1" NPT	19"	200
S53DG65-104	5	3	104.00	47.69	151.69	2.00	7.00	1.75	2.00		1" NPT	15.50"	175
S53DG65-107	5	3	107.56	48.38	155.94	2.00	7.00	1.75	2.00		1" NPT	9.94"	178
S53DG65-120	5	3	120.13	53.06	173.19	2.00	7.00	1.75	2.00		1" NPT	15.50"	195
S53DG65-126	5	3	126.63	54.56	181.19	2.00	7.00	1.75	2.00		1" NPT	16.12"	205
S53DG66-72	5	3	72.00	37.19	109.19	2.00	7.00	1.63	1.50	19.50"	1" NPT		165
S53DG66-84	5	3	84.00	41.19	125.19	2.00	7.00	1.63	1.50	19.50"	1" NPT		170
S53DG68-105	5	3	105.00	48.50	153.50	2.00	7.75	1.75	1.50	24.81"	1" NPT		170
S53DG68-120	5	3	120.00	52.50	172.50	2.00	7.75	1.75	1.50	24.81"	1" NPT		220
S53DG68-123	5	3	123.00	54.50	177.50	2.00	7.75	1.75	1.50	24.81"	1" NPT		232
S53DG68-99	5	3	99.00	46.50	145.50	2.00	7.75	1.75	1.50	24.81"	1" NPT		165
S63DG101-104	6	3	103.94	47.00	150.94	2.00	7.00	2.00	2.00	20.81"	1" NPT		250
S63DG101-107	6	3	107.56	48.38	155.94	2.00	7.00	2.00	2.00	20.81"	1" NPT		256
S63DG101-120	6	3	120.06	52.62	172.68	2.00	7.00	2.00	2.00	20.81"	1" NPT		275
S63DG101-126	6	3	126.31	54.56	180.87	2.00	7.00	2.00	2.00	20.81"	1" NPT		285
S63DG101-140	6	3	140.25	59.81	200.06	2.00	7.00	2.00	2.00	20.81"	1" NPT		310
S63DG101-150	6	3	149.88	63.00	212.88	2.00	7.00	2.00	2.00	20.81"	1" NPT		325
S63DG101-86	6	3	86.75	40.88	127.63	2.00	7.00	2.00	2.00	20.81"	1" NPT		225
S63DG101-92	6	3	92.00	45.00	137.00	2.00	7.00	2.00	2.00	20.81"	1" NPT		195
S63DG102-120	6	3	120.00	53.50	173.50	2.38	8.00	2.19	1.50	24.91"	1" NPT		270
S63DG102-126	6	3	126.00	55.50	181.50	2.38	8.00	2.19	1.50	24.91"	1" NPT		275
S63DG102-138	6	3	138.00	59.50	197.50	2.38	8.00	2.19	1.50	24.91"	1" NPT		300
S63DG102-150	6	3	150.00	66.00	216.00	2.38	8.00	2.19	1.50	24.91"	1" NPT		330
S63DG102-162	6	3	162.00	67.50	229.50	2.38	8.00	2.19	1.50	24.91"	1" NPT		330
S63DG79-67	6	3	67.00	36.50	103.50	3.00	7.88	1.75	1.50	20.50"	1" NPT		180
S63DG96-130	6	3	130.00	56.00	186.00	2.00	7.00	2.00	2.00	20.81"	1" NPT		295
S63DG96-82.50	6	3	82.50	43.56	126.06	2.00	7.00	2.00	2.00	20.81"	1" NPT		230
S63DG97-111	6	3	111.00	49.94	160.94	2.00	7.00	2.00	2.00	3.81"	1" NPT	24"	270
S63DG97-123	6	3	123.00	54.94	177.94	2.00	7.00	2.00	2.00	3.81"	1" NPT	29"	285
S73DG66-110	7	3	110.63	50.06	160.69	2.00	8.25	2.00	2.00	7.06"	1" NPT	4.62"	335
S73DG66-120	7	3	120.00	53.12	173.12	2.00	8.25	2.00	2.00	7.06"	1" NPT	4.62"	360
S73DG66-124	7	3	124.88	54.81	179.69	2.00	8.25	2.00	2.00	7.06"	1" NPT	4.62"	370
S73DG66-129	7	3	129.00	56.50	185.50	2.00	8.25	2.00	2.00	8.56"	1" NPT	4.62"	385
S73DG66-140	7	3	140.44	60.00	200.44	2.00	8.25	2.00	2.00	7.06"	1" NPT	4.62"	400
S73DG66-150	7	3	150.00	63.50	213.50	2.00	8.25	2.00	2.00	7.06"	1" NPT	4.62"	420

4 STAGE			BLEEDERLESSPARKER TYPE SINGLE ACTING HYDRAULIC CYLINDER										
Model	NOMINAL STAGE OD	STAGE S	A STROKE	B CLOSED	C OPEN	D PIN	E WIDTH	G PIN	H WIDTH	N LOCATION	O SIZE	P LOCATIO N	WEIGHT LBS
S64DB-12-135	6	4	135.00	47.19	182.19	1.75	8.00	1.50	2.69			5.50"	275
S64DB-12-156	6	4	156.00	53.19	209.19	1.75	8.00	1.50	2.69			5.50"	293
S64DC14-156	6	4	156.00	53.62	209.62	2.00	7.25	2.00	1.75	6.31"	1" NPT		310
S64DC15-157	6	4	157.00	58.56	215.56	1.50	7.00	1.50	2.00	4.31"	1" NPT		310
S74DC74-120	7	4	120.00	44.12	164.12	2.00	8.25	2.00	2.00	7.06"	1" NPT	4.62"	325
S74DC74-135	7	4	135.00	48.44	183.44	2.00	8.25	2.00	2.00	7.06"	1" NPT	4.62"	375
S74DC74-140	7	4	140.00	49.75	189.75	2.00	8.25	2.00	2.00	7.06"	1" NPT	4.62"	365
S74DC74-156	7	4	156.00	53.75	209.75	2.00	8.25	2.00	2.00	7.06"	1" NPT	4.62"	388
S74DC74-161	7	4	161.75	55.31	217.06	2.00	8.25	2.00	2.00	7.06"	1" NPT	4.62"	405
S74DC74-180	7	4	180.00	61.12	241.12	2.00	8.25	2.00	2.00	7.06"	1" NPT	4.62"	430
S84DC40-170	8	4	170.00	57.25	227.25	2.00	9.50	2.00	2.00	6.50"	1" NPT	5.62"	570
S84DC66-140	8	4	140.00	49.75	189.75	2.00	9.50	2.00	2.00	6.50"	1" NPT	5.62"	488
S84DC66-148	8	4	147.75	51.50	199.25	2.00	9.50	2.00	2.00	6.50"	1" NPT	5.62"	515
S84DC66-156	8	4	156.00	53.75	209.75	2.00	9.50	2.00	2.00	5.56"	1" NPT	5.62"	535
S84DC66-161	8	4	160.00	55.75	215.75	2.00	9.50	2.00	2.00	6.50"	1" NPT	5.62"	555
S84DC66-170	8	4	170.00	57.25	227.25	2.00	9.50	2.00	2.00	6.50"	1" NPT	5.62"	568
S84DC66-180	8	4	180.00	59.75	239.75	2.00	9.50	2.00	2.00	6.50"	1" NPT	5.62"	591
S84DC66-188	8	4	188.00	61.75	249.75	2.00	9.50	2.00	2.00	6.50"	1" NPT	5.62"	610

TELESCOPIC TYPE

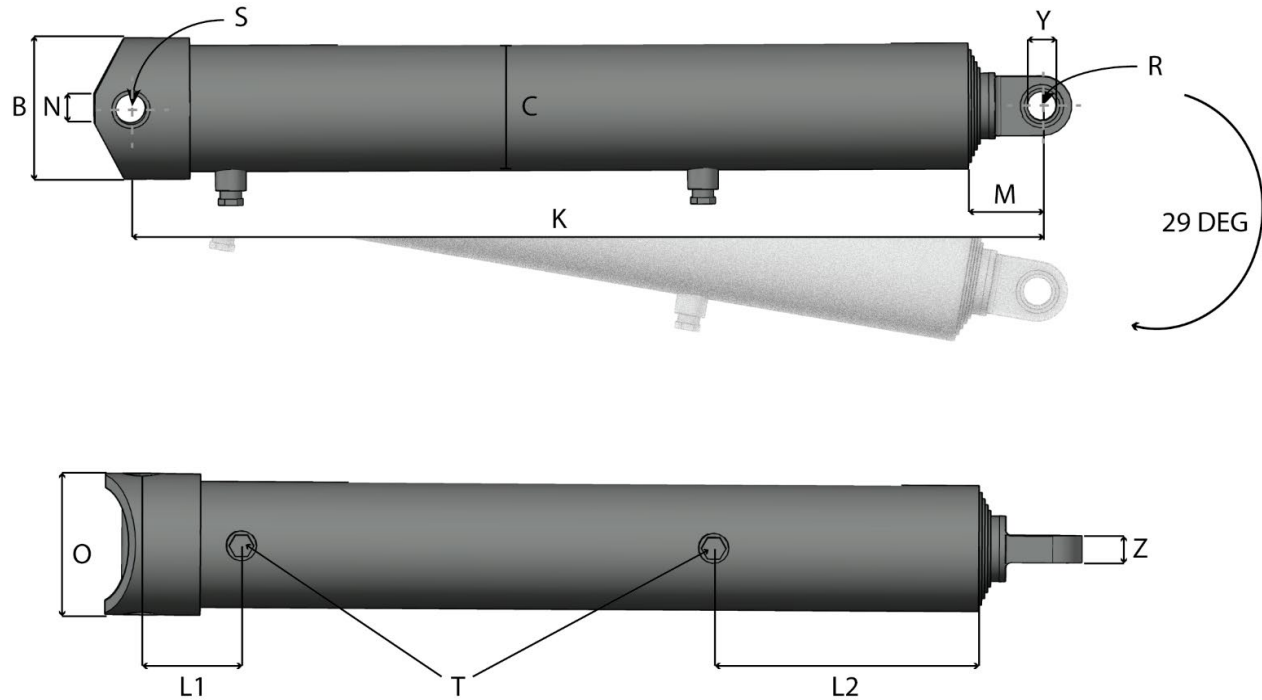
FRONT END (PIN - PIN)

Type:	Telescopic - Front eye (pin to pin)
Action:	Single acting
Rod end:	Piston eye with cross pin
Base end:	Bottom eye with cross pin
Stages:	3 to 5 moving stages
Nominal stage OD	5" to 9"
Rod:	Standard chrome plated rod steel 1045



1 YEAR
WARRANTY





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3 STAGE			FRONT EYE (PIN TO PIN) SINGLE ACTING TELESCOPIC HYDRAULIC CYLINDER – 3500 PSI																
Model	LBS	K*	Total Gal.	O	B	C	L1	L2	Z	M*	S	T	N	Y	R	Last stage	Stroke	Max PSI	
FEE A5-3-83-K42	163	42.31	4.2	6.63	5.69	5.13	13	-	1.63	4	2.19	1	2.13	2	2.06	2.83	83.2	3626	
FEE A6-3-83-K42	196	42.31	5.8	7	6.56	1.63	13	-	1.63	4	2.19	1	2.13	2	2.06	3.58	83.2	3626	
FEE A6-3-96-K51	236	51.19	7.1	7	6.56	5.88	13	17.69	1.63	4	2.19	1	2.06	2	2.06	3.58	96	3626	
FEE A6-3-101-K48	223	48.25	7.1	7	6.56	5.88	13	17.69	1.63	4	2.19	1	2.06	2	2.06	3.58	100.9	3626	
FEE A6-3-110-K51	236	51.19	7.7	7	6.56	5.88	13	17.69	1.63	4	2.19	1	2.13	2	2.06	3.58	109.6	3626	
FEE A6-3-119-K54	249	54.13	8.5	7	6.56	5.88	13	17.69	1.63	4	2.19	1	2.06	2	2.06	3.58	118.6	3626	
FEE A6-3-124-K57-HD	262	57.06	9.0	7	6.56	5.88	13	17.69	1.63	4	2.19	1	2.13	2	2.06	3.58	123.6	3626	
FEE A6-3-134-K60-HD	278	60.44	9.5	7	6.56	5.88	13	17.69	1.63	4	2.19	1	2.13	2	2.06	3.58	133.7	3626	
FEE A7-3-110-K51	282	51.19	10.6	8.25	7.38	6.69	13	17.69	1.63	4	2.19	1	2.13	2	2.06	4.33	109.6	3626	
FEE A7-3-119-K53-SKE	300	53.13	11.4	8.25	7.38	6.69	13	17.69	1.63	3	2.19	1	2.06	2	1.77	4.33	118.6	3626	
FEE A7-3-127-K56-SKE	315	56.13	12.4	8.25	7.38	6.69	13	17.69	1.63	3	2.19	1	2.06	2	1.77	4.33	127.3	3626	
FEE A7-3-137-K60	333	60.44	13.2	8.25	7.38	6.69	13	17.69	1.63	4	2.19	1	2.06	2	2.06	4.33	137.5	3626	
FEE A7-3-147-K64	351	63.56	14.3	8.25	7.38	6.69	13	17.69	1.63	4	2.19	1	2.06	2	2.06	4.33	146.8	3626	

4 STAGE			FRONT EYE (PIN TO PIN) SINGLE ACTING TELESCOPIC HYDRAULIC CYLINDER – 3500 PSI															
Model	LBS	K*	Total Gal.	O	B	C	L1	L2	Z	M*	S	T	N	Y	R	Last stage	Stroke	Max PSI
FEE A64-158-K54	278	54.13	9.8	7	6.56	5.88	13	17.69	1.63	4	2.19	1	2.06	2	2.06	2.83	158.4	3626
FEE A74-135-K48	298	48.25	11.4	8.25	7.38	6.69	13	17.69	1.63	4	2.19	1	2.13	2	2.06	3.58	134.8	3626
FEE A74-146-K51	315	51.19	12.4	8.25	7.38	6.69	13	17.69	1.63	4	2.19	1	2.06	2	2.06	3.58	146.4	3626
FEE A74-158-K54	333	54.13	13.5	8.25	7.38	6.69	13	17.69	1.63	4	2.19	1	2.13	2	2.06	3.58	158.4	3626
FEE A74-170-K57	353	57.06	14.3	8.25	7.38	6.69	13	17.69	1.63	4	2.19	1	2.06	2	2.06	3.58	170	3626
FEE A74-183-K60	373	60.44	15.6	8.25	7.38	6.69	13	17.69	1.63	4	2.19	1	2.06	2	2.06	3.58	183.6	3626
FEE A84-146-K51	379	51.31	16.6	9.44	8.25	7.56	11.69	17.69	1.63	4	2.19	1	2.06	2	2.06	4.33	146.4	3626
FEE A84-158-K54	401	54.31	18.0	9.44	8.25	7.56	6.69	17.69	1.63	4	2.19	1	2.06	2	2.06	4.33	158.4	3626
FEE A84-170-K57	423	57.25	19.3	9.44	8.25	7.56	6.69	17.69	1.63	4	2.19	1	2.06	2	2.06	4.33	170	3626
FEE A84-183-K61	448	60.56	20.6	9.44	8.25	7.56	6.69	17.69	1.63	4	2.19	1	2.06	2	2.06	4.33	183.6	3626

5 STAGE			FRONT EYE (PIN TO PIN) SINGLE ACTING TELESCOPIC HYDRAULIC CYLINDER															3500
			PSI															
Model	LBS	K*	Total Gal.	O	B	C	L1	L2	Z	M*	S	T	N	Y	R	Last stage	Stroke	Max PSI
FEE A85-169-K50	465	50.25	22.2	9.44	9.25	8.44	6.69	17.69	1.63	5.38	2.38	1	2.06	2	2.06	4.33	168.7	3626
FEE A85-190-K55	522	54.81	25.4	9.44	9.25	8.44	6.69	17.69	1.63	4	2.38	1	2.13	2	2.06	4.33	190.3	3626
FEE A85-213-K58	551	57.75	28.0	9.44	9.25	8.44	6.69	17.69	1.63	4	2.38	1	2.06	2	2.06	4.33	212.7	3626
FEE A85-222-K60	567	59.50	29.1	9.44	9.25	8.44	6.69	17.69	1.63	4	2.38	1	2.06	2	2.06	4.33	221.7	3626
FEE A85-230-K61	582	61.13	30.1	9.44	9.25	8.44	6.69	17.69	1.63	4	2.38	1	2.06	2	2.06	4.33	229.7	3626
FEE A85-245-K64	613	64.25	32.2	9.44	9.25	8.44	6.69	17.69	1.63	4	2.38	1	2.06	2	2.06	4.33	245.2	3191
FEE A85-255-K67	639	67	33.5	9.44	9.25	8.44	6.69	17.69	1.63	4	2.38	1	2.06	2	2.06	4.33	255.2	2756
FEE A85-255-K68-LKE	642	68.13	33.5	9.44	9.25	8.44	6.69	17.69	1.63	5.06	2.38	1	2.06	2	2.06	4.33	255.5	2756
FEE A85-269-K70	666	69.75	35.4	9.44	9.25	8.44	6.69	17.69	1.63	4	2.38	1	2.06	2	2.06	4.33	268.7	2756
FEE A85-269-K71-LKE	668	70.88	35.4	9.44	9.25	8.44	6.69	17.69	1.63	5.06	2.38	1	2.06	2	2.06	4.33	268.7	2756
FEE A85-279-K78-LK	694	77.63	36.7	9.44	9.25	8.44	6.69	17.69	1.63	9.50	2.38	1	2.06	2	2.06	4.33	279.1	2466
FEE A85-281-K72	690	72.13	36.7	9.44	9.25	8.44	6.69	17.69	1.63	4	2.38	1	2.06	2	2.06	4.33	280.7	2466
FEE A95-230-K61	697	61.13	38.6	10.63	10.19	9.44	6.69	17.69	2.06	4	2.50	1	2.06	2	2.44	5.08	229.7	3191
FEE A95-245-K64	734	64.25	41.2	10.63	10.19	9.44	6.69	17.69	2.06	4	2.50	1	2.06	2	2.44	5.08	245.2	3191
FEE A95-255-K67	765	67	43.1	10.63	10.19	9.44	6.69	17.69	2.06	4	2.50	1	2.06	2	2.44	5.08	255.2	3191
FEE A95-269-K70	796	69.75	45.2	10.63	10.19	9.44	6.69	17.69	2.06	4	2.50	1	2.06	2	2.44	5.08	268.7	3191
FEE A95-269-K76-LK	802	75.69	45.2	10.63	10.19	9.44	6.69	17.69	2.06	4	2.50	1	2.06	2	2.44	5.08	268.7	2756
FEE A95-279-K78-LK	829	77.63	47.0	10.63	10.19	9.44	6.69	17.69	2.06	9.50	2.50	1	2.06	2	2.44	5.08	279.1	2756
FEE A95-281-K72	825	72.13	47.3	10.63	10.19	9.44	6.69	17.69	2.06	4	2.50	1	2.06	2	2.44	5.08	280.7	2756
FEE A95-299-K83-LK	893	82.75	50.5	10.63	10.19	9.44	6.69	17.69	2.06	9.13	2.50	1	2.06	2	2.44	5.08	299.1	2466
FEE A95-300-K78	886	77.63	50.5	10.63	10.19	9.44	6.69	17.69	2.06	4	2.50	1	2.06	2	2.44	5.08	300.2	2466
FEE A95-320-K82	933	81.56	53.9	10.63	10.19	9.44	6.69	17.69	2.06	4	2.50	1	2.06	2	2.44	5.08	320.2	2176
FEE A95-336-K86	981	85.88	56.5	10.63	10.19	9.44	6.69	17.69	2.06	4	2.50	1	2.06	2	2.44	5.08	335.7	1958
FEE A95-336-K87-LK	983	87.06	56.5	10.63	10.19	9.44	6.69	17.69	2.06	4	2.50	1	2.06	2	2.44	5.08	335.7	1958

TELESCOPIC TYPE

FRONT END w. outer cover

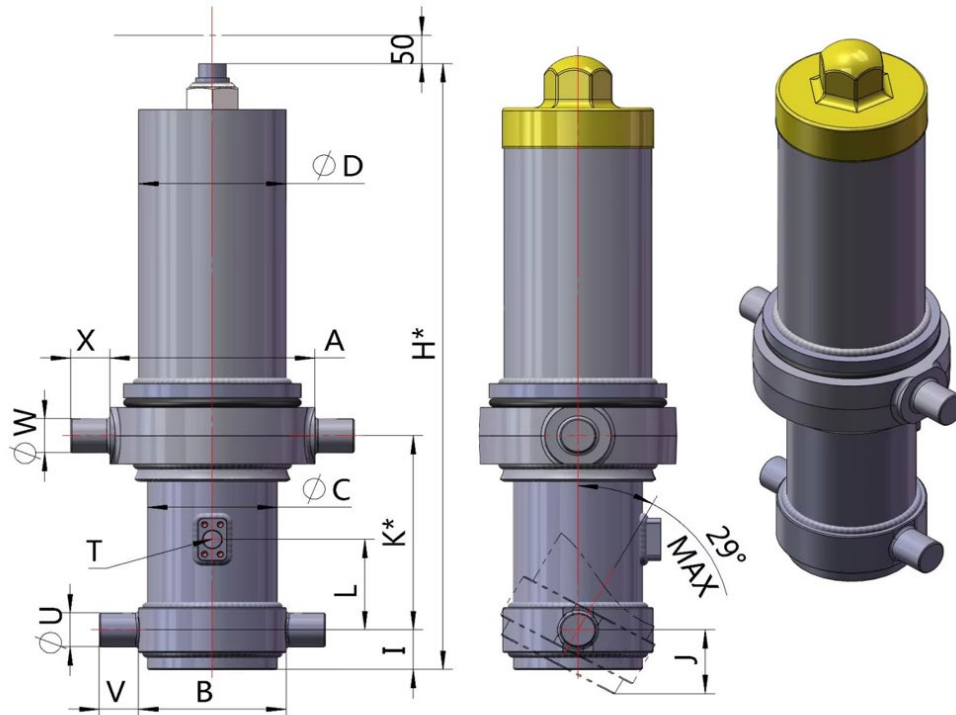


Type:	Telescopic - Front end with outer cover
Action:	Single acting
Rod end:	Trunnion mount
Base end:	Trunnion mount
Stages:	3 to 5 moving stages
Rod:	Standard chrome plated rod steel 1045



1 YEAR
WARRANTY





* incl. 20 [-5; +30] mm pull out.

FRONT END SINGLE ACTING TELESCOPIC CYLINDER WITH OUTER COVER

MODEL	PRESSURE (BAR)	MAX TRHUST (KN)	A	B	C	D	H	I	J	K	L	T	U	V	W	X
SAT 129-3-3460-FC	190	248.2	340	201	151	219	1484	60	91	343	160	1"SAE	60	65	60	65
SAT 129-3-3880-FC	190	248.2	340	201	151	219	1644	60	91	343	160	1"SAE	60	65	60	65
SAT 129-3-4270-FC	190	248.2	340	201	151	219	1744	60	91	343	160	1"SAE	60	65	60	65
SAT 129-4-4280-FC	190	248.2	340	201	151	219	1339	60	91	343	160	1"SAE	60	65	60	65
SAT 129-4-4620-FC	190	248.2	340	201	151	219	1484	60	91	343	160	1"SAE	60	65	60	65
SAT 129-4-5180-FC	190	248.2	340	201	151	219	1644	60	91	343	160	1"SAE	60	65	60	65
SAT 149-3-3880-FC	190	331.2	340	201	171	245	1644	60	96	343	160	1"SAE	60	65	60	65
SAT 149-3-4270-FC	190	331.2	340	201	171	245	1774	60	96	343	160	1"SAE	60	65	60	65
SAT 149-4-4280-FC	190	331.2	340	201	171	245	1399	60	96	343	160	1"SAE	60	65	60	65
SAT 149-4-4620-FC	190	331.2	340	201	171	245	1484	60	96	343	160	1"SAE	60	65	60	65
SAT 149-4-4940-FC	190	331.2	340	201	171	245	1564	60	96	343	160	1"SAE	60	65	60	65
SAT 149-4-5180-FC	190	331.2	340	201	171	245	1644	60	96	343	160	1"SAE	60	65	60	65
SAT 149-4-5460-FC	190	331.2	340	201	171	245	1714	60	96	343	160	1"SAE	60	65	60	65
SAT 169-4-4280-FC	190	426	340	245	192	245	1394	65	106	343	160	1"SAE	60	65	60	65
SAT 169-4-4620-FC	190	426	340	245	192	245	1479	65	106	343	160	1"SAE	60	65	60	65
SAT 169-4-4940-FC	190	426	340	245	192	245	1559	65	106	343	160	1"SAE	60	65	60	65
SAT 169-4-5180-FC	190	426	340	245	192	245	1639	65	106	343	160	1"SAE	60	65	60	65
SAT 169-4-5460-FC	190	426	340	245	192	245	1709	65	106	343	160	1"SAE	60	65	60	65
SAT 169-5-5355-FC	190	426	340	245	192	245	1394	65	106	343	160	1"SAE	60	65	60	65
SAT 169-5-5780-FC	190	426	340	245	192	245	1479	65	106	343	160	1"SAE	60	65	60	65
SAT 169-5-6180-FC	190	426	340	245	192	245	1559	65	106	343	160	1"SAE	60	65	60	65
SAT 169-5-6830-FC	190	426	340	245	192	245	1709	65	106	343	160	1"SAE	60	65	60	65
SAT 169-5-7130-FC	190	426	340	245	192	245	1769	65	106	343	160	1"SAE	60	65	60	65
SAT 169-5-7630-FC	170	381.2	340	245	192	245	1899	65	106	343	160	1"SAE	60	65	60	65
SAT 169-5-8130-FC	170	381.2	340	245	192	245	1999	65	106	343	160	1"SAE	60	65	60	65
SAT 169-5-9030-FC	150	336.3	340	245	192	245	2209	65	106	343	160	1"SAE	60	65	60	65
SAT 169-5-9530-FC	135	302.7	340	245	192	245	2309	65	106	343	160	1"SAE	60	65	60	65
SAT 191-4-5460-FC	190	544.1	360	245	215	273	1712	70	116	343	160	1"SAE	60	65	60	65
SAT 191-5-5780-FC	190	544.1	360	245	215	273	1482	70	116	343	160	1"SAE	60	65	60	65
SAT 191-5-6180-FC	190	544.1	360	245	215	273	1562	70	116	343	160	1"SAE	60	65	60	65
SAT 191-5-7130-FC	190	544.1	360	245	215	273	1772	70	116	343	160	1"SAE	60	65	60	65
SAT 191-5-7630-FC	190	544.1	360	245	215	273	1902	70	116	343	160	1"SAE	60	65	60	65
SAT 191-5-8130-FC	190	544.1	360	245	215	273	2002	70	116	343	160	1"SAE	60	65	60	65
SAT 191-5-9030-FC	170	486.8	360	245	215	273	2212	70	116	343	160	1"SAE	60	65	60	65
SAT 191-5-9530-FC	150	430	360	245	215	273	2312	70	116	343	160	1"SAE	60	65	60	65
SAT 214-5-9030-FC	170	611.1	360	270	242	273	2197	85	135	343	160	1"SAE	65	65	60	65
SAT 214-5-9530-FC	150	539.2	360	270	242	273	2297	85	135	343	160	1"SAE	65	65	60	65
SAT 214-5-12200-FC	150	539.2	360	270	242	273	2967	85	135	343	160	1"SAE	65	65	60	65

TELESCOPIC TYPE

FRONT END W. Single eye

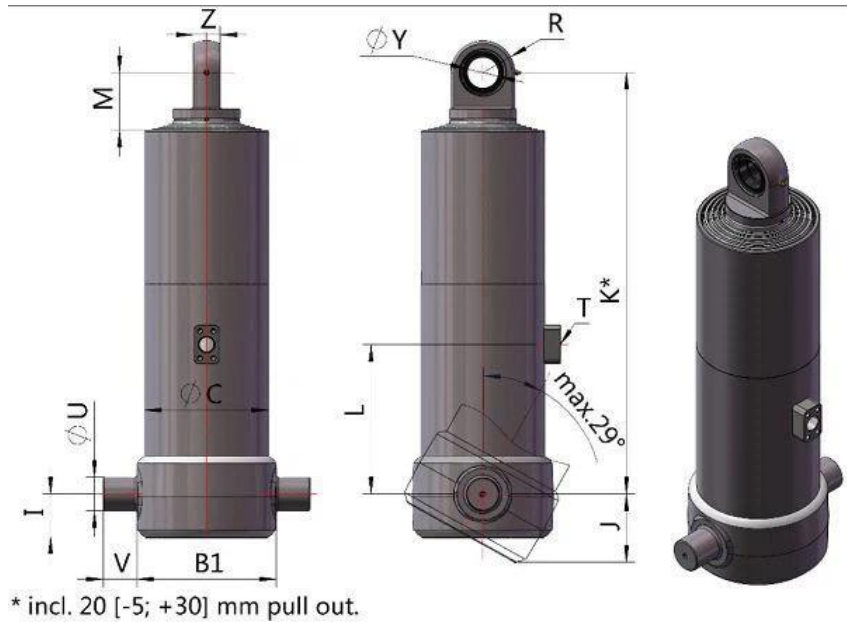


Type:	Telescopic - Front end with single eye
Action:	Single acting
Rod end:	Pin mount
Base end:	Trunnion mount
Stages:	3 to 5 moving stages
Rod:	Standard chrome plated rod steel 1045



1 YEAR
WARRANTY





FRONT END SINGLE ACTING TELESCOPIC CYLINDER WITH SINGLE EYE

MODEL	PRESSURE (BAR)	MAX THRUST (KN)	B1	C	I	J	K	M	R	L	T	U	V	Y	Z
SAT 110-3-3205-FE	190	180.5	163	129	60	91	1449	100	52	160	I"SAE	60	65	50	42
SAT 110-3-3460-FE	190	180.5	163	129	60	91	1609	100	52	160	I"SAE	60	65	50	42
SAT 129-3-3460-FE	190	248.2	201	151	60	91	1449	100	52	160	I"SAE	60	65	50	42
SAT 129-3-3880-FE	190	248.2	201	151	60	91	1609	100	52	160	I"SAE	60	65	50	42
SAT 149-3-2900-FE	190	331.2	201	171	60	96	1320	135	52	160	I"SAE	60	65	50	42
SAT 149-3-3200-FE	190	331.2	201	171	60	96	1420	135	52	160	I"SAE	60	65	50	42
SAT 149-3-3500-FE	190	331.2	201	171	60	96	1520	135	52	160	I"SAE	60	65	50	42
SAT 149-3-3880-FE	190	331.2	201	171	60	96	1644	135	52	160	I"SAE	60	65	50	42
SAT 149-3-4280-FE	190	331.2	201	171	60	96	1777	135	52	160	I"SAE	60	65	50	42
SAT 149-4-4280-FE	190	331.2	201	171	60	96	1450	160	52	160	I"SAE	60	65	50	42
SAT 149-4-4620-FE	190	331.2	201	171	60	96	1484	135	52	160	I"SAE	60	65	50	42
SAT 149-4-4940-FE	190	331.2	201	171	60	96	1529	100	52	160	I"SAE	60	65	50	42
SAT 169-4-4280-FE	190	426	245	192	65	106	1394	135	52	160	I"SAE	60	65	50	42
SAT 169-4-4620-FE	190	426	245	192	65	106	1479	135	52	160	I"SAE	60	65	50	42
SAT 169-4-4940-FE	190	426	245	192	65	106	1529	100	52	160	I"SAE	60	65	50	42
SAT 169-4-5180-FE	190	426	245	192	65	106	1604	100	52	160	I"SAE	60	65	50	42
SAT 169-5-5355-FE	190	426	245	192	65	106	1394	100	52	160	I"SAE	60	65	50	42
SAT 169-5-5780-FE	190	426	245	192	65	106	1459	100	52	160	I"SAE	60	65	50	42
SAT 169-5-6180-FE	190	426	245	192	65	106	1497	100	52	160	I"SAE	60	65	50	42
SAT 169-5-6830-FE	190	426	245	192	65	106	1674	100	52	160	I"SAE	60	65	50	42
SAT 169-5-7130-FE	190	426	245	192	65	106	1734	100	52	160	I"SAE	60	65	50	42
SAT 169-5-7630-FE	170	381.2	245	192	65	106	1834	100	52	160	I"SAE	60	65	50	42
SAT 169-5-8130-FE	170	381.2	245	192	65	106	1934	100	52	160	I"SAE	60	65	50	42
SAT 191-5-6180-FE	190	544.1	245	215	70	116	1527	100	52	160	I"SAE	60	65	50	42
SAT 191-5-7130-FE	190	544.1	245	215	70	116	1717	100	52	160	I"SAE	60	65	50	42
SAT 191-5-7630-FE	190	544.1	245	215	70	116	1817	100	52	160	I"SAE	60	65	50	42
SAT 191-5-9030-FE	150	429.6	245	215	70	116	2177	100	52	160	I"SAE	60	65	50	42
SAT 214-5-7130-FE	190	683	270	242	85	135	1722	100	62	160	I"SAE	65	65	60	52
SAT 214-5-7630-FE	170	611.1	270	242	85	135	1857	100	62	160	I"SAE	65	65	60	52

TELESCOPIC TYPE

7 & 12 TON CYLINDER

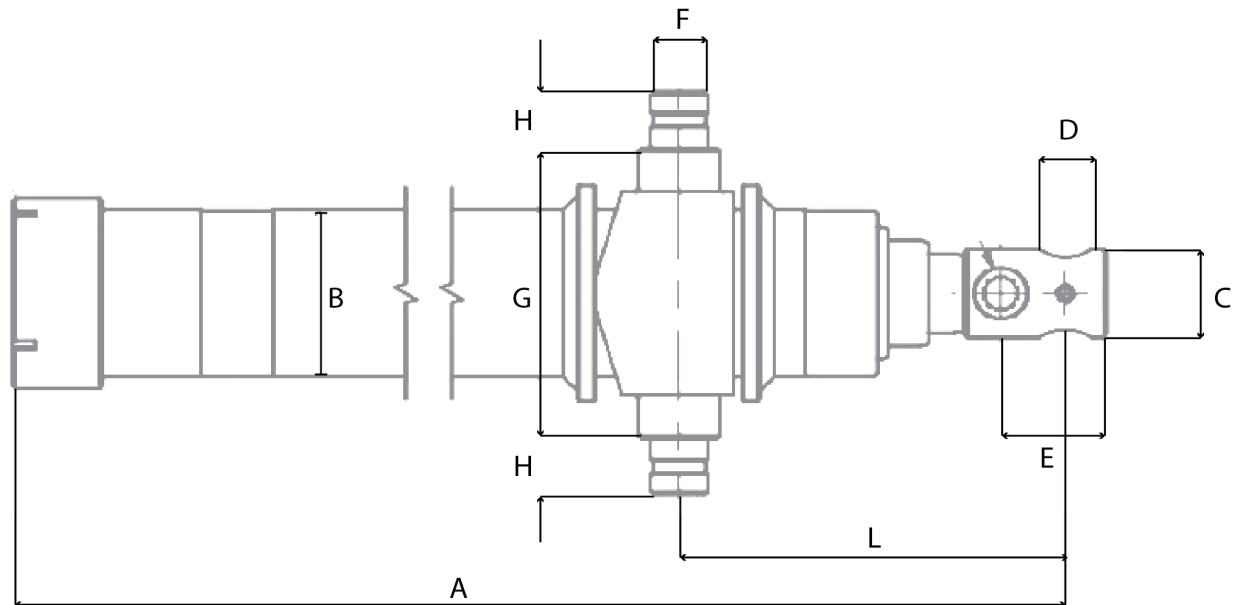


Type:	Telescopic - 7 & 12 ton
Action:	Single acting
Rod end:	Drilled pinhole
Base end:	Trunnion mount
Stages:	3 moving stages
Rod:	Standard chrome plated rod steel 1045
Pressure:	2500 PSI



1 YEAR
WARRANTY





*ALL VALUES ARE IN INCHES

**ALL NUMBERS GIVEN ARE NOMINAL VALUES AND SHOULD BE USED FOR REFERENCE ONLY. ALL PRODUCT SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

7 TON		INVERSE SINGLE ACTING TELESCOPIC CYLINDER 3000 PSI									
MODEL	Stroke (inches)	A	B	C	D	E	F	G	H	L	Kgs
HTC-07833	78"	35.5"	3.75"	2"	1.063"	2.5"	1.25"	6.5"	1.25"	7"	37
HTC-09033	90"	39.5"	3.75"	2"	1.063"	3.0"	1.25"	6.5"	1.25"	7"	41
HTC-10833	108"	45"	3.75"	2"	1.063"	3.0"	1.25"	6.5"	1.25"	7"	46

12 TON		INVERSE SINGLE ACTING TELESCOPIC CYLINDER 3000 PSI									
MODEL	Stroke (inches)	A	B	C	D	E	F	G	H	L	Kgs
HTC-07843	78"	34.75"	4.4"	2"	1.063"	2.25"	1.5"	7.5"	1.5"	7"	48
HTC-09043	90"	38.75"	4.4"	2"	1.063"	2.25"	1.5"	7.5"	1.5"	7"	52
HTC-10843	108"	44.75"	4.4"	2"	1.063"	2.25"	1.5"	7.5"	1.5"	7"	59
HTC-12043	120"	48.75"	4.4"	2"	1.063"	2.25"	1.5"	7.5"	1.5"	7"	64
HTC-14443	144"	56.78"	4.4"	2"	1.063"	2.25"	1.5"	7.5"	1.5"	7"	74