

B

CYLINDERS

THE **RG-SERIES** IS A GENERAL PURPOSE SPRING RETURN CYLINDER DESIGNED FOR USE IN PRODUCTION, MAINTENANCE AND FABRICATION APPLICATIONS.

All RG-Series cylinders feature a hard chrome cylinder bore and piston rod for maximum corrosion resistance. When combined with bronze overlay on the piston bearing area and low friction surface treatment on the gland nut, this cylinder is suitable for demanding applications. Cylinder body mounting threads and base mounting holes are included on most models. Optional TSX tilt saddles are available for all models from RG-102 to RG-10010.



HARDENED GROOVED SADDLE

to prevent piston rod damage. Optional tilt saddles available

GLAND NUT

with low friction coating withstands full dead end loading

HARD CHROME PLATED PISTON ROD

for maximum corrosion resistance and cylinder life

HARD CHROME PLATED BORE

for maximum corrosion resistance and cylinder life

BRONZE OVERLAY

on piston bearing area reduces side load induced damage and extends cylinder life

CYLINDER BODY MOUNTING THREADS

piston rod threads and base mounting holes permit easy fixture

PISTON ROD WIPER

reduces contaminants

RETURN SPRINGS

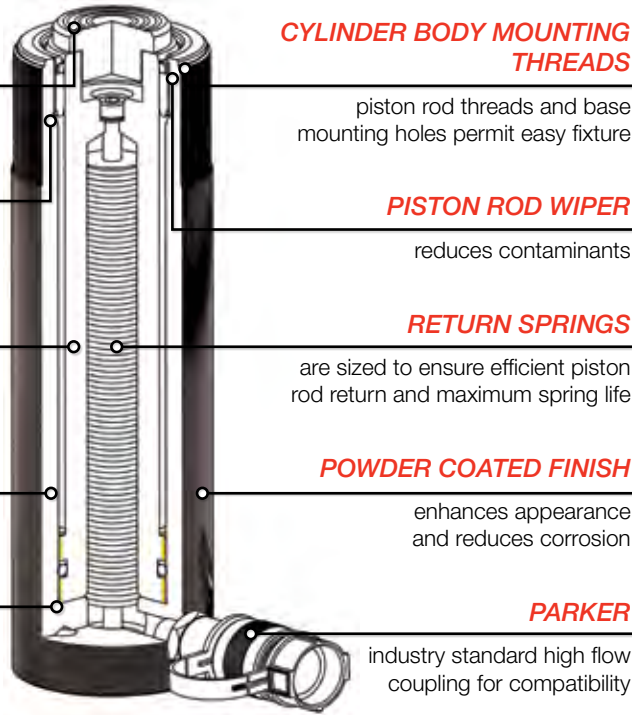
are sized to ensure efficient piston rod return and maximum spring life

POWDER COATED FINISH

enhances appearance and reduces corrosion

PARKER

industry standard high flow coupling for compatibility



CAPACITY

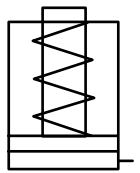
5 - 100 ton

STROKE

16 - 362 mm

MAXIMUM OPERATING PRESSURE

700 bar



Did you know...

Durapac offers a range of piston and base attachments to suit the **RG-series** cylinders. Refer to Cylinder Accessories for more details.



MOUNTING BLOCKS



BASE AND PISTON CLEAVISES

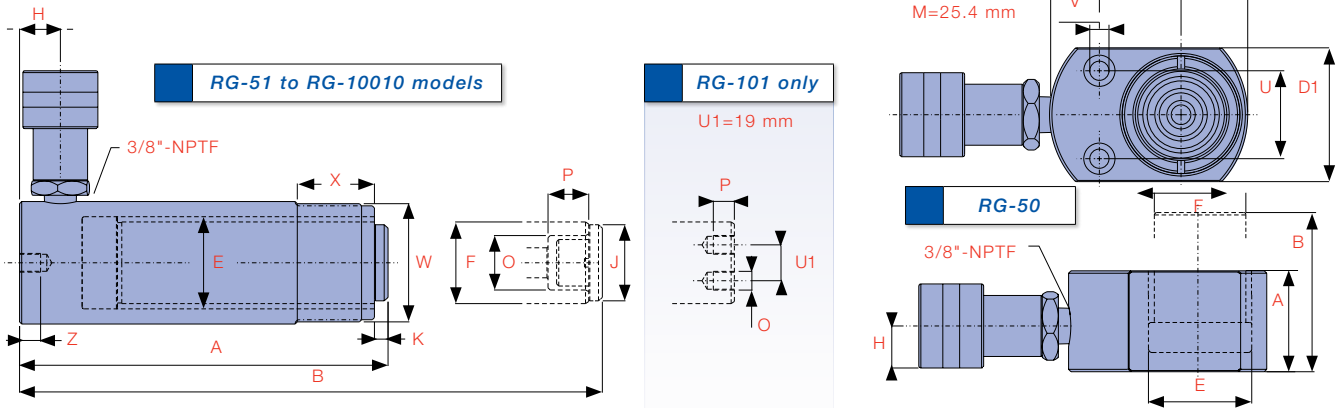


JACKING BASES



26 POINT TANK JACKING SYSTEM

B
CYLINDERS

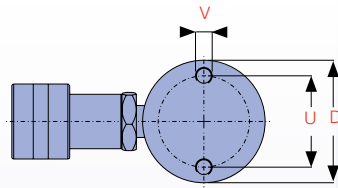


Model Number	Cylinder Capacity ton* / kN	Stroke (mm)	Cylinder Effective Area (cm ²)	Oil Capacity (cm ³)	A Collapsed Height (mm)	B Extended Height (mm)	D Outside Diameter (mm)	E Cylinder Bore Diameter (mm)	F Piston Rod Diameter (mm)	H Base to Advance Port (mm)	J Standard Saddle Diameter (mm)	K Saddle Protrusion from Piston Rod (mm)	
RG-50	5	45	16	6.5	10	41	57	58	28.7	25.4	19	**	**
RG-51		45	25	6.5	16	110	135	38	28.7	25.4	19	25	6
RG-53		45	76	6.5	49	165	241	38	28.7	25.4	19	25	6
RG-55		45	127	6.5	82	215	342	38	28.7	25.4	19	25	6
RG-57		45	177	6.5	114	273	450	38	28.7	25.4	19	25	6
RG-59		45	232	6.5	150	323	555	38	28.7	25.4	19	25	6
RG-101	10	101	26	14.5	38	89	115	57	42.9	38.1	19	-	-
RG-102		101	54	14.5	78	121	175	57	42.9	38.1	19	35	6
RG-104		101	105	14.5	152	171	276	57	42.9	38.1	19	35	6
RG-106		101	156	14.5	226	247	403	57	42.9	38.1	19	35	6
RG-108		101	203	14.5	294	298	501	57	42.9	38.1	19	35	6
RG-1010		101	257	14.5	372	349	606	57	42.9	38.1	19	35	6
RG-1012		101	304	14.5	440	400	704	57	42.9	38.1	19	35	6
RG-1014		101	356	14.5	515	450	806	57	42.9	38.1	19	35	6
RG-151	15	142	25	20.3	51	124	149	69	50.8	41.4	19	38	9
RG-152		142	51	20.3	103	149	200	69	50.8	41.4	19	38	9
RG-154		142	101	20.3	205	200	301	69	50.8	41.4	19	38	9
RG-156		142	152	20.3	308	271	423	69	50.8	41.4	25	38	9
RG-158		142	203	20.3	411	322	525	69	50.8	41.4	25	38	9
RG-1510		142	254	20.3	515	373	627	69	50.8	41.4	25	38	9
RG-1512		142	305	20.3	618	423	728	69	50.8	41.4	25	38	9
RG-1514		142	356	20.3	721	474	830	69	50.8	41.4	25	38	9
RG-251	25	232	26	33.2	86	139	165	85	65.0	57.2	25	50	10
RG-252		232	50	33.2	166	165	215	85	65.0	57.2	25	50	10
RG-254		232	102	33.2	339	215	317	85	65.0	57.2	25	50	10
RG-256		232	158	33.2	524	273	431	85	65.0	57.2	25	50	10
RG-258		232	210	33.2	697	323	533	85	65.0	57.2	25	50	10
RG-2510		232	261	33.2	866	374	635	85	65.0	57.2	25	50	10
RG-2512		232	311	33.2	1032	425	736	85	65.0	57.2	25	50	10
RG-2514		232	362	33.2	1205	476	838	85	65.0	57.2	25	50	10
RG-308	30	295	209	42.1	878	387	596	101	73.2	57.2	57	50	10
RG-502	50	498	51	71.2	363	176	227	127	95.3	79.5	33	71	2
RG-504		498	101	71.2	719	227	328	127	95.3	79.5	33	71	2
RG-506 [†]		498	159	71.2	1,132	282	441	127	95.3	79.5	35	71	2
RG-5013		498	337	71.2	2,400	460	797	127	95.3	79.5	35	71	2
RG-756	75	718	156	102.6	1,600	285	441	146	114.3	95.3	30	71	5
RG-7513		718	333	102.6	3,415	492	825	146	114.3	95.3	30	71	5
RG-1004	100	933	102	133.3	1,354	205	306	177	130.3	104.9	30	71	2
RG-1006		933	168	133.3	2,239	357	525	177	130.3	104.9	41	71	2
RG-1008		933	203	133.3	2,708	357	560	177	130.3	104.9	41	71	2
RG-10010		933	260	133.3	3,465	449	709	177	130.3	104.9	41	71	2

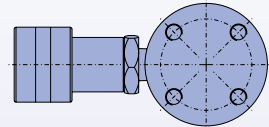
* Nominal Cylinder Capacity in ton - see kN values for actual capacity

** RG-50 Cylinder has non-removable grooved saddle and no collar thread

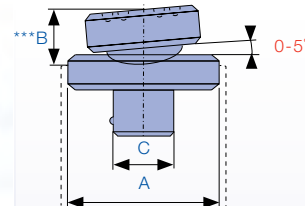
† RG-506 cylinder will not fit into jacking base without welded handle being removed



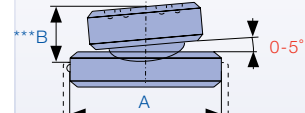
RG-51 to RG-5013 models



RG-1006 and RG-10010 models



TSX-10, 50



TSX-100

O Piston Rod Internal Thread	P Piston Rod Thread Length (mm)	Base Mounting Holes			W Collar Thread	X Collar Thread Length (mm)	Weight (kg)	Optional Tilt Saddle				Model Number	Handle Type
		U Bolt Circle Diameter (mm)	V Thread	Z Thread Depth (mm)				Model Number	A (mm)	***B (mm)	C (mm)		
**	**	28	5.6mm HOLE	-	-	-	1.0	-	-	-	-	RG-50	
3/4"-16UNF	14	25	1/4"-20UNC	14	1-1/2"-16UN	28	1.0	-	-	-	-	RG-51	
3/4"-16UNF	14	25	1/4"-20UNC	14	1-1/2"-16UN	28	1.5	-	-	-	-	RG-53	
3/4"-16UNF	14	25	1/4"-20UNC	14	1-1/2"-16UN	28	1.9	-	-	-	-	RG-55	
3/4"-16UNF	16	25	1/4"-20UNC	14	1-1/2"-16UN	28	2.4	-	-	-	-	RG-57	
3/4"-16UNF	16	25	1/4"-20UNC	14	1-1/2"-16UN	28	2.8	-	-	-	-	RG-59	
#10-24UNC	6	39	5/16"-18UNC	12	2-1/4"-14UN	26	1.8	-	-	-	-	RG-101	
1"-8UNC	19	39	5/16"-18UNC	12	2-1/4"-14UN	26	2.3	TSX-10	35	20	22	RG-102	
1"-8UNC	19	39	5/16"-18UNC	12	2-1/4"-14UN	26	3.3	TSX-10	35	20	22	RG-104	
1"-8UNC	19	39	5/16"-18UNC	12	2-1/4"-14UN	26	4.4	TSX-10	35	20	22	RG-106	
1"-8UNC	19	39	5/16"-18UNC	12	2-1/4"-14UN	26	5.4	TSX-10	35	20	22	RG-108	
1"-8UNC	19	39	5/16"-18UNC	12	2-1/4"-14UN	26	6.4	TSX-10	35	20	22	RG-1010	
1"-8UNC	19	39	5/16"-18UNC	12	2-1/4"-14UN	26	6.8	TSX-10	35	20	22	RG-1012	
1"-8UNC	19	39	5/16"-18UNC	12	2-1/4"-14UN	26	8.2	TSX-10	35	20	22	RG-1014	
1"-8UNC	25	47	3/8"-16UNC	12	2-3/4"-16UN	30	3.3	TSX-10	35	20	22	RG-151	
1"-8UNC	25	47	3/8"-16UNC	12	2-3/4"-16UN	30	4.1	TSX-10	35	20	22	RG-152	
1"-8UNC	25	47	3/8"-16UNC	12	2-3/4"-16UN	30	5.0	TSX-10	35	20	22	RG-154	
1"-8UNC	25	47	3/8"-16UNC	12	2-3/4"-16UN	30	6.8	TSX-10	35	20	22	RG-156	
1"-8UNC	25	47	3/8"-16UNC	12	2-3/4"-16UN	30	8.2	TSX-10	35	20	22	RG-158	
1"-8UNC	25	47	3/8"-16UNC	12	2-3/4"-16UN	30	9.5	TSX-10	35	20	22	RG-1510	
1"-8UNC	25	47	3/8"-16UNC	12	2-3/4"-16UN	30	10.9	TSX-10	35	20	22	RG-1512	
1"-8UNC	25	47	3/8"-16UNC	12	2-3/4"-16UN	30	11.8	TSX-10	35	20	22	RG-1514	
1-1/2"-16UN	25	58	1/2"-13UNC	19	3-5/16"-12UN	49	5.9	TSX-50	50	21	36	RG-251	
1-1/2"-16UN	25	58	1/2"-13UNC	19	3-5/16"-12UN	49	6.4	TSX-50	50	21	36	RG-252	
1-1/2"-16UN	25	58	1/2"-13UNC	19	3-5/16"-12UN	49	8.2	TSX-50	50	21	36	RG-254	
1-1/2"-16UN	25	58	1/2"-13UNC	19	3-5/16"-12UN	49	10.0	TSX-50	50	21	36	RG-256	
1-1/2"-16UN	25	58	1/2"-13UNC	19	3-5/16"-12UN	49	12.2	TSX-50	50	21	36	RG-258	
1-1/2"-16UN	25	58	1/2"-13UNC	19	3-5/16"-12UN	49	14.1	TSX-50	50	21	36	RG-2510	
1-1/2"-16UN	25	58	1/2"-13UNC	19	3-5/16"-12UN	49	16.3	TSX-50	50	21	36	RG-2512	
1-1/2"-16UN	25	58	1/2"-13UNC	19	3-5/16"-12UN	49	17.7	TSX-50	50	21	36	RG-2514	
1-1/2"-16UN	25	-	-	-	3-5/16"-12UN	49	18.1	TSX-50	50	21	36	RG-308	
-	-	95	1/2"-13UNC	19	5"-12UN	55	15.0	TSX-100	71	25	-	RG-502	
-	-	95	1/2"-13UNC	19	5"-12UN	55	19.1	TSX-100	71	25	-	RG-504	♠
-	-	95	1/2"-13UNC	19	5"-12UN	55	23.1	TSX-100	71	25	-	RG-506	♣
-	-	95	1/2"-13UNC	19	5"-12UN	55	37.6	TSX-100	71	25	-	RG-5013	♦
-	-	-	-	-	5-3/4"-12UN	44	29.5	TSX-100	71	25	-	RG-756	♦
-	-	-	-	-	5-3/4"-12UN	44	59.0	TSX-100	71	25	-	RG-7513	♦
-	-	-	-	-	6-7/8"-12UN	44	33.1	TSX-100	71	25	-	RG-1004	♣
-	-	139	3/4"-10UNC	25	6-7/8"-12UN	44	59.0	TSX-100	71	25	-	RG-1006	♦
-	-	139	3/4"-10UNC	25	6-7/8"-12UN	44	61.0	TSX-100	71	25	-	RG-1008	♦
-	-	139	3/4"-10UNC	25	6-7/8"-12UN	44	72.6	TSX-100	71	25	-	RG-10010	♦

HANDLE TYPES: ♠ WELDED ♦ EYEBOLT ♥ REMOVABLE STRAP HANDLE ♣ THREAD

*** Total cylinder collapsed height with optional tilt saddle equals (dim.A - dim.K + dim.B)

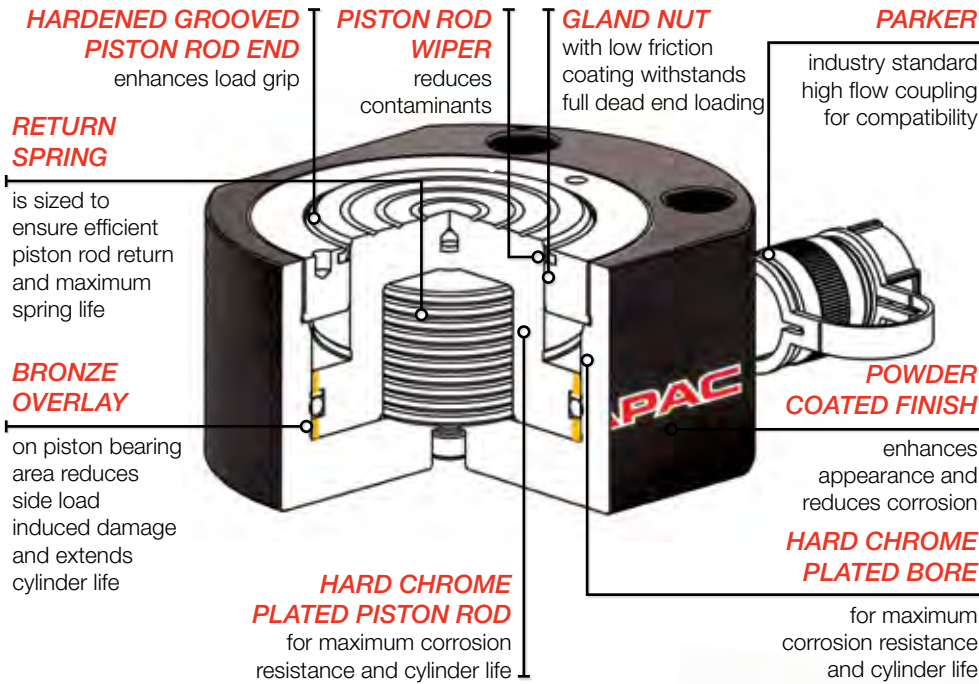
THE **RFJ-SERIES** IS A SPRING RETURN, COMPACT FLAT CYLINDER DESIGNED FOR USE IN NARROW SPACES AND AREAS WITH LOW OVERHEAD CLEARANCE.

They can be used in maintenance, machinery levelling, construction and mining applications. All RFJ-Series cylinders feature a hard chrome cylinder bore and piston rod for maximum corrosion resistance and bronze overlay piston bearing area to resist side load induced damage. Mounting holes are standard on all models and a grooved piston rod end improves load grip. For applications requiring extra closed height flexibility the RFJ stack plate kits from 5-30 ton capacity are the perfect tool.



Model Number	Cylinder Capacity ton* / kN		Stroke (mm)	Cylinder Effective Area (cm ²)	Oil Capacity (cm ³)	A Collapsed Height (mm)	B Extended Height (mm)	D Outside Diameter (mm)	E Cylinder Bore Diameter (mm)	F Piston Rod Diameter (mm)	H Base to Advance Port (mm)
RFJ-50	5	45	6	6.5	4	32	38	58x41	28.7	25.4	16
RFJ-100	10	101	12	14.5	17	43	55	82x55	42.9	38.1	19
RFJ-200	20	201	11	28.7	32	51	62	101x76	60.5	50.8	19
RFJ-300	30	295	13	42.1	55	58	71	117x95	73.2	63.4	19
RFJ-500	50	435	16	62.1	99	66	82	140x114	88.9	69.8	19
RFJ-750	75	718	16	102.6	164	79	95	165x139	114.3	82.6	19
RFJ-1000	100	887	16	126.7	203	85	101	178x153	127.0	92.2	19
RFJ-1500	150	1,386	16	198.1	317	100	116	215x190	158.8	114.3	23

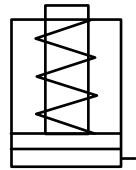
* Nominal Cylinder Capacity in ton - see kN values for actual capacity



CAPACITY
5 - 150 ton

STROKE
6 - 16 mm

MAXIMUM OPERATING PRESSURE
700 bar



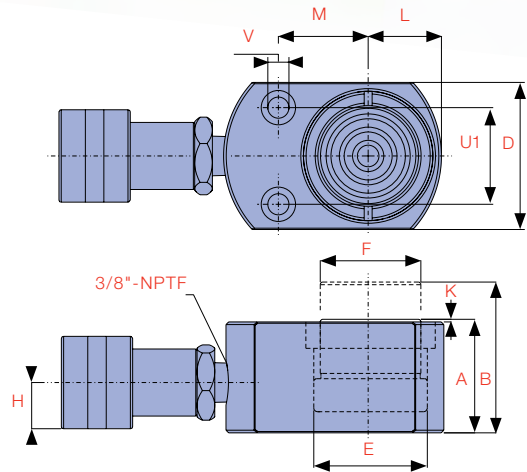
Did you know...

RFJ-50 is supplied with a whip hose and high flow coupling.



Did you know...

Durapac offers a range of stack plate kits from 5-30 ton capacity for an extra boost in collapsed height. Refer to CSK-Series for more details.



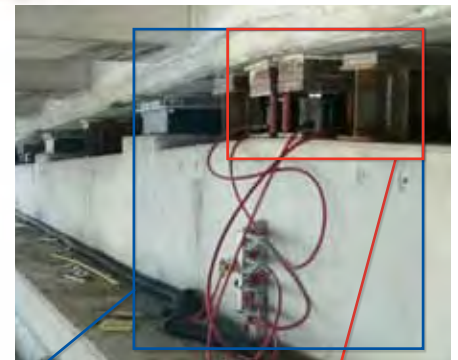
K Saddle Protrusion from Cylinder Body (mm)	L Piston Rod to Body (mm)	M Piston Rod to Mounting Hole (mm)	Base Mounting Holes				Weight (kg)	Model Number	Handle Type
			U1 Hole Pitch (mm)	V Hole Diameter (mm)	Counter Bore Diameter (mm)	Counter Bore Depth (mm)			
1	20	22	28.5	5.5	7.9	4.3	1.0	RFJ-50	
1	27	34	36.6	7.1	10.7	7.9	1.4	RFJ-100	
1	39	39	49.3	10.0	15.1	9.9	3.1	RFJ-200	
2	47	44	52.3	10.0	15.9	11.2	4.5	RFJ-300	
2	57	53	66.5	11.9	19.0	12.7	6.8	RFJ-500	
2	69	66	76.2	13.5	20.6	14.2	11.3	RFJ-750	♣
2	76	74	76.2	13.5	20.6	14.2	14.5	RFJ-1000	♣
2	95	82	117.3	13.5	20.6	14.2	26.3	RFJ-1500	♣

HANDLE TYPES: ♣ WELDED ♦ EYEBOLT ♥ REMOVABLE STRAP HANDLE ♠ THREAD



THE **RLP-SERIES** IS A SINGLE ACTING SPRING RETURN LOW PROFILE CYLINDER. ITS COMPACT DESIGN COMBINES MAXIMUM STROKE WITH LOW COLLAPSED HEIGHT.

These cylinders are commonly used in construction, mining, rail and many other industries. They are ideal for jacking, weighing, testing, levelling and general maintenance applications. All RLP-Series cylinders feature a hard chrome cylinder bore and piston rod for maximum corrosion resistance and bronze overlay piston bearing area to reduce scoring and increase service life. Optional TSL tilt saddles are available for all models.



Model Number	Cylinder Capacity ton* / kN		Stroke (mm)	Cylinder Effective Area (cm ²)	Oil Capacity (cm ³)	A Collapsed Height (mm)	B Extended Height (mm)	D Outside Diameter (mm)	E Cylinder Bore Diameter (mm)	F Piston Rod Diameter (mm)
RLP-101	10	101	38	14.5	55	88	126	69	42.9	38.1
RLP-201	20	201	45	28.7	129	98	143	92	60.5	50.8
RLP-302	30	295	62	42.1	261	117	179	101	73.2	66.5
RLP-502	50	435	60	62.1	372	122	182	124	88.9	69.8
RLP-1002	100	887	57	126.7	722	141	198	165	127.0	92.2

* Nominal Cylinder Capacity in ton - see kN values for actual capacity

POWDER COATED FINISH

enhances appearance and reduces corrosion

HARD CHROME PLATED BORE

for maximum corrosion resistance and cylinder life

BRONZE OVERLAY

on piston bearing area reduces side load induced damage and extends cylinder life

RETURN SPRING

is sized to ensure efficient piston rod return and maximum spring life

HARDENED GROOVED SADDLE

to prevent piston rod damage. Optional tilt saddles available

GLAND NUT

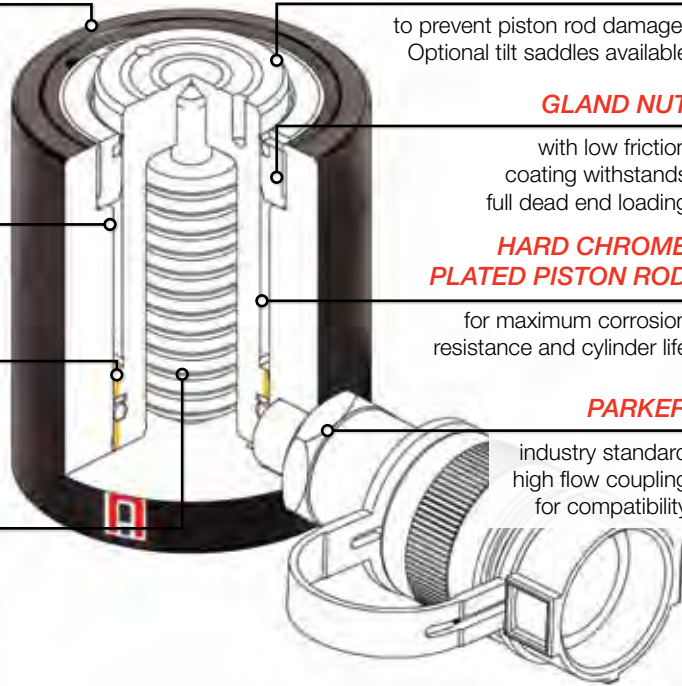
with low friction coating withstands full dead end loading

HARD CHROME PLATED PISTON ROD

for maximum corrosion resistance and cylinder life

PARKER

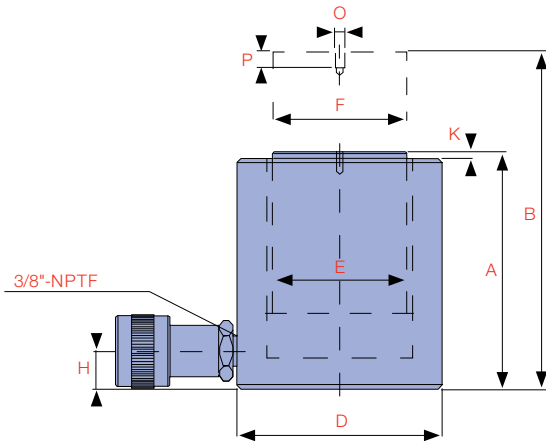
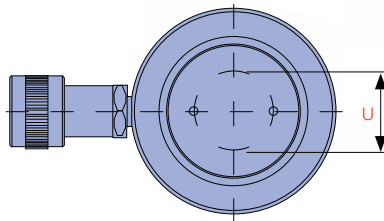
industry standard high flow coupling for compatibility



CAPACITY
10 - 100 ton

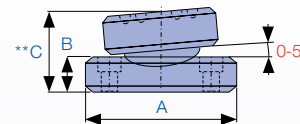
STROKE
38 - 62 mm

MAXIMUM OPERATING PRESSURE
700 bar



Did you know...

RJ-Series cylinders offer short stroke high tonnage capacities from 150 - 200 ton.



H Base to Advance Port (mm)	K Saddle Protrusion from Cylinder Body (mm)	O Tilt Saddle Mounting Thread (mm)	P Tilt Saddle Mounting Thread Length (mm)	U Bolt Circle Diameter (mm)	Weight (kg)	Optional Tilt Saddle			Model Number	Handle Type	
						Model Number	A (mm)	B (mm)			**C (mm)
17	5	M4 x 0.7	8	26	4.1	TSL-10	35	11	21	RLP-101	
17	3	M5 x 0.8	8	39	5.0	TSL-20	50	15	29	RLP-201	
19	3	M5 x 0.8	8	39	6.8	TSL-20	50	15	29	RLP-302	
23	2	M5 x 0.8	8	39	10.9	TSL-20	50	15	29	RLP-502	♣
31	1	M8 x 1.25	10	55	22.7	TSL-100	71	17	35	RLP-1002	♣

HANDLE TYPES: ♣ WELDED ♦ EYEBOLT ♥ REMOVABLE STRAP HANDLE ♠ THREAD

** C dimension equals tilt saddle protrusion from piston rod

THE **RJ-SERIES** IS A SINGLE ACTING SPRING RETURN CYLINDER. IT IS IDEALLY SUITED TO JACKING, TESTING, WEIGHING AND GENERAL MAINTENANCE APPLICATIONS THAT REQUIRE A HIGH TONNAGE SHORT STROKE CYLINDER DESIGN IN CAPACITIES BEYOND THE 100 TON RLP SERIES.

All RJ-Series cylinders feature a hard chrome cylinder bore and piston rod for maximum corrosion resistance and bronze overlay piston bearing area to reduce scoring and increase service life. Removable hardened saddles are standard.



Model Number	Cylinder Capacity ton* / kN	Stroke (mm)	Cylinder Effective Area (cm ²)	Oil Capacity (cm ³)	A Collapsed Height (mm)	B Extended Height (mm)	D Outside Diameter (mm)	
RJ-1502	150	1,407	50	201.0	1,005	200	250	215
RJ-1504		1,407	100	201.0	2,010	250	350	215
RJ-2002	200	1,984	50	283.4	1,417	200	250	255
RJ-2004		1,984	100	283.4	2,834	250	350	255

* Nominal Cylinder Capacity in ton - see kN values for actual capacity

POWDER COATED FINISH

enhances appearance and reduces corrosion

HARD CHROME PLATED BORE

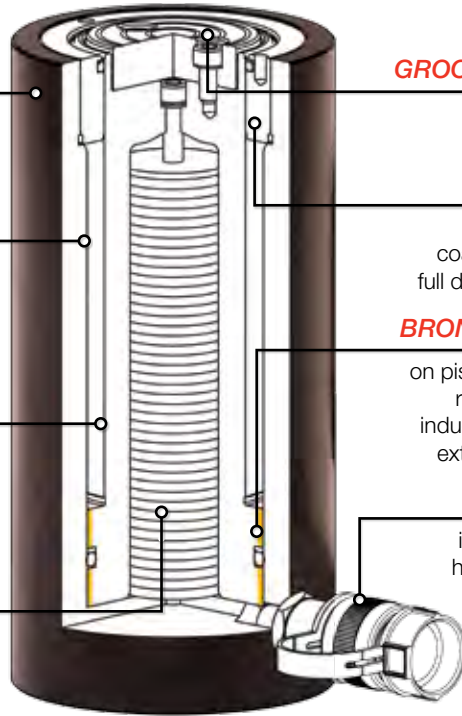
for maximum corrosion resistance and cylinder life

HARD CHROME PLATED PISTON ROD

for maximum corrosion resistance and cylinder life

RETURN SPRING

is sized to ensure efficient piston rod return and maximum spring life



HARDENED GROOVED SADDLE

to prevent piston rod damage

GLAND NUT

with low friction coating withstands full dead end loading

BRONZE OVERLAY

on piston bearing area reduces side load induced damage and extends cylinder life

PARKER

industry standard high flow coupling for compatibility



CAPACITY

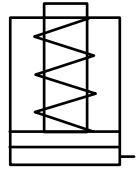
150 - 200 ton

STROKE

50 - 100 mm

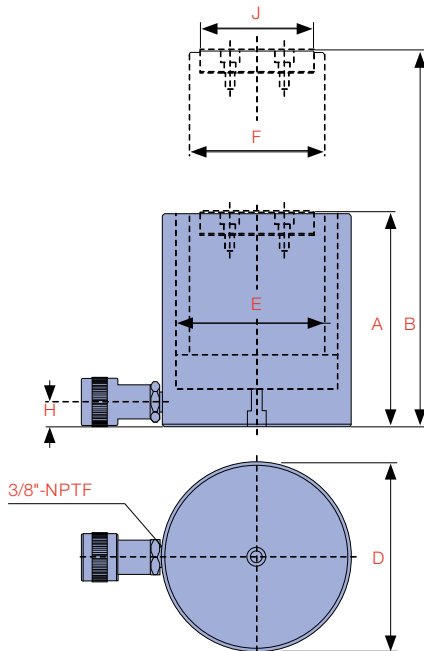
MAXIMUM OPERATING PRESSURE

700 bar



B

CYLINDERS



Did you know...

RLP-Series cylinders offer short stroke capacities from 10-100 ton.

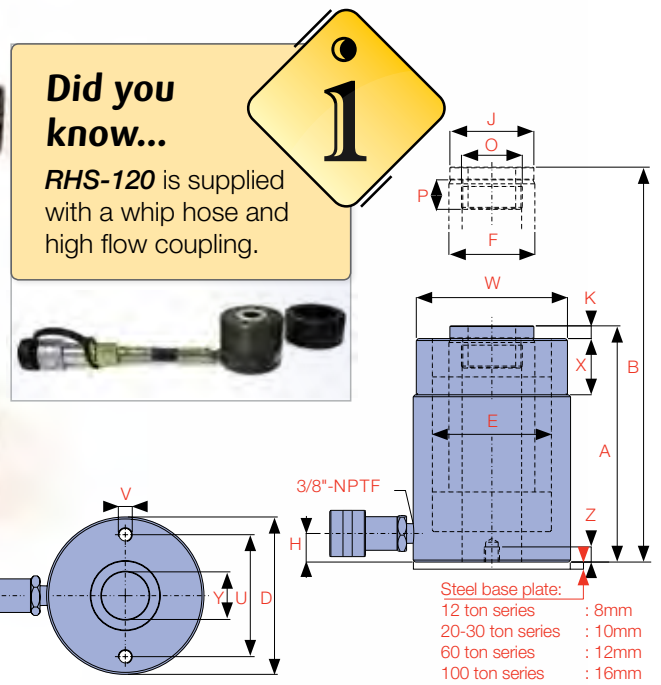


E Cylinder Bore Diameter (mm)	F Piston Rod Diameter (mm)	H Base to Advance Port (mm)	J Standard Saddle Diameter (mm)	Weight (kg)	Model Number	Handle Type
160	115	50	99	50	RJ-1502	◆♥
160	115	50	99	60	RJ-1504	◆♥
190	135	50	115	72	RJ-2002	◆♥
190	135	50	115	85	RJ-2004	◆♥

HANDLE TYPES: ♣ WELDED ◆ EYEBOLT ♥ REMOVABLE STRAP HANDLE ♠ THREAD

THE *RHS-SERIES* IS A SPRING RETURN HOLLOW PISTON ROD CYLINDER.

The hollow piston allows for a rod or cable to be inserted through the entire body length. They can be used in tensioning, load testing, bush extracting and maintenance applications. All RHS-Series cylinders feature a hard chrome cylinder bore and piston rod for maximum corrosion resistance and a bronze overlay piston bearing area to reduce scoring and increase service life. All cylinders incorporate a bolt on removable steel base plate for extra protection.



Model Number	Cylinder Capacity ton* / kN	Stroke (mm)	Cylinder Effective Area (cm ²)	Oil Capacity (cm ³)	A Collapsed Height (mm)	B Extended Height (mm)	D Outside Diameter (mm)	E Cylinder Bore Diameter (mm)	F Piston Rod Diameter (mm)	H Base to Advance Port (mm)	J Standard Saddle Diameter (mm)	
RHS-120	12	125	8	17.9	14	55	63	69	54.1	35.1	9	-
RHS-121		125	42	17.9	75	120	162	69	54.1	35.1	19	-
RHS-1211		125	42	17.9	75	120	162	69	54.1	35.1	19	-
RHS-123		125	76	17.9	135	184	260	69	54.1	35.1	19	-
RHS-202	20	215	49	30.7	149	162	211	98	73.1	54.1	19	54
RHS-204		215	102	30.7	311	242	344	98	73.1	54.1	19	54
RHS-206		215	155	30.7	472	306	461	98	73.1	54.1	19	54
RHS-302	30	326	64	46.6	297	178	242	114	88.9	63.5	22	63
RHS-304		326	102	46.6	474	233	335	114	88.9	63.5	22	63
RHS-306		326	155	46.6	720	330	485	114	88.9	63.5	25	63
RHS-603	60	576	76	82.3	629	247	323	159	123.9	91.9	31	91
RHS-604		576	103	82.3	838	286	389	159	123.9	91.9	31	91
RHS-606		576	153	82.3	1,266	323	476	159	123.9	91.9	31	91
RHS-1003	100	931	76	133.0	1,011	254	330	212	165.1	127.0	38	126
RHS-1006		931	152	133.0	2,026	373	525	212	165.1	127.0	54	126

* Nominal Cylinder Capacity in ton - see kN values for actual capacity

PISTON ROD WIPER

reduces contaminants

HARD CHROME PLATED PISTON ROD

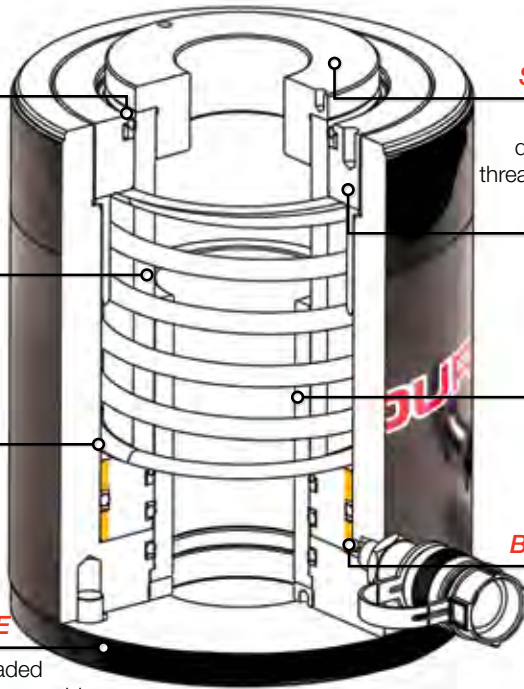
for maximum corrosion resistance and cylinder life

HARD CHROME PLATED BORE

for maximum corrosion resistance and cylinder life

STEEL BASE PLATE

protects base and threaded mounting holes and is removable



THREADED FIT SMOOTH SADDLE

to prevent piston rod damage. Optional TSH threaded saddles available

GLAND NUT

with low friction coating withstands full dead end loading

RETURN SPRING

is sized to ensure efficient piston rod return and maximum spring life

BRONZE OVERLAY

on piston bearing area reduces side load induced damage and extends cylinder life



CAPACITY

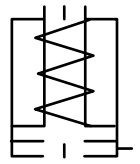
12 - 100 ton

STROKE

8 - 155 mm

MAXIMUM OPERATING PRESSURE

700 bar

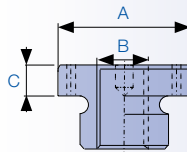


B

CYLINDERS

Did you know...

Lightweight aluminium hollow cylinders are available in single and double acting designs.



Model Number	Optional Threaded Saddles			Model Number
	A (mm)	B	C (mm)	
TSH-20	53	1"-8UNC	9	RHS-202
TSH-20	53	1"-8UNC	9	RHS-206
TSH-30	63	1-1/4"-7UNC	9	RHS-302
TSH-30	63	1-1/4"-7UNC	9	RHS-306
TSH-60	91	1-5/8"-5-1/2UN	12	RHS-603
TSH-60	91	1-5/8"-5-1/2UN	12	RHS-604
TSH-60	91	1-5/8"-5-1/2UN	12	RHS-606
TSH-100	126	2-1/2"-8UN	13	RHS-1003
TSH-100	126	2-1/2"-8UN	13	RHS-1006

K Saddle Protrusion from Piston Rod (mm)	O Piston Rod Internal Thread	P Piston Rod Thread Length (mm)	W Collar Thread	X Collar Thread Length (mm)	Y Centre Hole Diameter (mm)	Base Mounting Holes			Weight (kg)	Model Number	Handle Type
						U Bolt Circle Diameter (mm)	V Thread	Z Thread Depth (mm)			
-	3/4"-16UNF	16	2-3/4"-16UN	30	19.6	50.8	5/16"-18UNC	9.0	2.0	RHS-120	
-	-	-	2-3/4"-16UN	30	19.6	-	-	-	2.8	RHS-121	
-	3/4"-16UNF	16	2-3/4"-16UN	30	19.6	-	-	-	2.8	RHS-1211	
-	-	-	2-3/4"-16UN	30	19.6	50.8	5/16"-18UNC	12.7	4.4	RHS-123	
6.9	1-9/16"-16UN	19	3-7/8"-12UN	38	26.9	82.6	3/8"-16UNC	9.4	7.7	RHS-202	♣
6.9	1-9/16"-17UN	19	3-7/8"-13UN	38	26.9	82.6	3/8"-16UNC	9.4	10.0	RHS-204	♣
6.9	1-9/16"-16UN	19	3-7/8"-12UN	38	26.9	82.6	3/8"-16UNC	9.4	14.1	RHS-206	♣
9.7	1-13/16"-16UN	22	4-1/2"-12UN	42	33.3	92.2	3/8"-16UNC	14.0	10.9	RHS-302	♣
9.7	1-13/16"-17UN	22	4-1/2"-13UN	42	33.3	92.2	3/8"-16UNC	14.0	14.0	RHS-304	♣
9.7	1-13/16"-18UN	22	4-1/2"-12UN	42	33.3	92.2	3/8"-16UNC	14.0	21.8	RHS-306	♣
12.7	2-3/4"-16UN	19	6-1/4"-12UN	48	53.8	130.3	1/2"-13UNC	14.0	28.1	RHS-603	♥
12.7	2-3/4"-16UN	19	6-1/4"-12UN	48	53.8	130.3	1/2"-13UNC	14.0	30.0	RHS-604	♥
12.7	2-3/4"-16UN	19	6-1/4"-12UN	48	53.8	130.3	1/2"-13UNC	14.0	35.4	RHS-606	♥
12.7	4"-16UN	25	8-3/8"-12	60	79.0	177.8	5/8"-11UNC	19.0	63.0	RHS-1003	♥
12.7	4"-16UN	25	8-3/8"-13	60	79.0	177.8	5/8"-11UNC	19.0	73.0	RHS-1006	♥

HANDLE TYPES: ♣ WELDED ♦ EYEBOLT ♥ REMOVABLE STRAP HANDLE ♠ THREAD

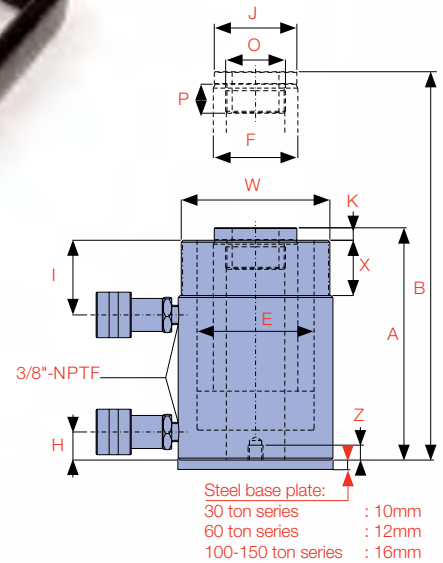
B

CYLINDERS



THE *RHD-SERIES* IS A DOUBLE ACTING HOLLOW PISTON ROD CYLINDER.

The hollow piston allows for a rod or cable to be inserted through the entire body length, while the double acting design improves speed of operation when longer stroke cylinders are required. They can be used in tensioning, load testing, bush extracting, and maintenance applications. All cylinders in this range have base mounting holes.



Model Number	Cylinder Capacity			Stroke (mm)	Cylinder Effective Area		Oil Capacity		A Collapsed Height (mm)	B Extended Height (mm)	D Outside Diameter (mm)	E Cylinder Bore Diameter (mm)
	ton*	Advance kN	Retract kN		Advance (cm ²)	Retract (cm ²)	Advance (cm ³)	Retract (cm ³)				
RHD-307	30	326	213	178	46.6	30.4	830	541	330	508	114	88.9
RHD-3010		326	213	258	46.6	30.4	1,203	784	431	689	114	88.9
RHD-603	60	576	377	94	82.3	53.8	732	479	247	336	159	123.9
RHD-606		576	377	166	82.3	53.8	1,366	893	323	489	159	123.9
RHD-6010		576	377	257	82.3	53.8	2,115	1,382	438	695	159	123.9
RHD-1001	100	931	612	38	133.0	87.4	506	332	165	203	212	165.1
RHD-1003		931	612	76	133.0	87.4	1,012	664	254	330	212	165.1
RHD-1006		931	612	153	133.0	87.4	2,037	1,337	342	495	212	165.1
RHD-10010		931	612	257	133.0	87.4	3,421	2,245	460	717	212	165.1
RHD-1508	150	1,429	718	203	204.1	102.6	4,142	2,082	349	552	247	190.5

* Nominal Cylinder Capacity in ton - see kN values for actual capacity

SAFETY PRESSURE

relief valve protects cylinder from intensification due to checked hydraulic return coupling

GLAND NUT

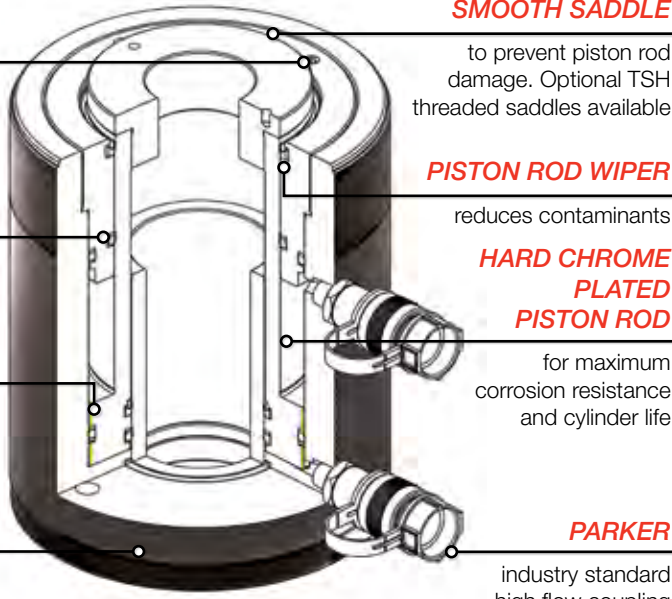
with low friction coating withstands full dead end loading

BRONZE OVERLAY

on piston bearing area reduces side load induced damage and extends cylinder life

STEEL BASE PLATE

protects base and is removable to allow use of threaded mounting holes



CAPACITY

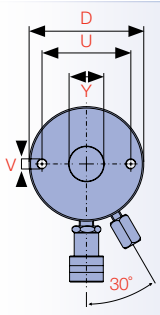
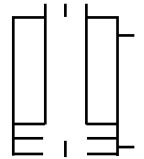
30 - 150 ton

STROKE

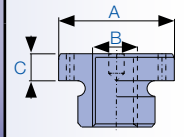
38 - 258 mm

MAXIMUM OPERATING PRESSURE

700 bar



Base Mounting Holes			Model Number	Optional Threaded Saddles			Handle Type	
U Bolt Circle Diameter (mm)	V Thread	Z Thread Depth (mm)		Model Number	A (mm)	B (mm)		C (mm)
92.2	3/8"-16UNC	15.7	RHD-307	TSH-30	63	1-1/4"-7UNC	9	♥
92.2	3/8"-16UNC	15.7	RHD-3010	TSH-30	63	1-1/4"-7UNC	9	♥
130.0	1/2"-13UNC	14.0	RHD-603	TSH-60	91	1-5/8"-5-1/2UN	12	♥
130.0	1/2"-13UNC	14.0	RHD-606	TSH-60	91	1-5/8"-5-1/2UN	12	♥
130.0	1/2"-13UNC	14.0	RHD-6010	TSH-60	91	1-5/8"-5-1/2UN	12	♥
177.8	5/8"-11UNC	19.0	RHD-1001	TSH-100	126	2-1/2"-8UN	13	♥
177.8	5/8"-11UNC	19.0	RHD-1003	TSH-100	126	2-1/2"-8UN	13	♥
177.8	5/8"-11UNC	19.0	RHD-1006	TSH-100	126	2-1/2"-8UN	13	♥
177.8	5/8"-11UNC	19.0	RHD-10010	TSH-100	126	2-1/2"-8UN	13	♥
214.0	5/8"-11UNC	15.0	RHD-1508	-	-	-	-	♥



F Piston Rod Diameter (mm)	H Base to Advance Port (mm)	I Top to Return Port (mm)	J Standard Saddle Diameter (mm)	K Saddle Protrusion from Piston Rod (mm)	O Piston Rod Internal Thread	P Piston Rod Thread Length (mm)	W Collar Thread	X Collar Thread Length (mm)	Y Centre Hole Diameter (mm)	Weight (kg)	Model Number
63.5	25	60	63	9	1-13/16"-16UN	22	4-1/2"-12UN	42	33.3	21.0	RHD-307
63.5	25	60	63	9	1-13/16"-16UN	22	4-1/2"-12UN	42	33.3	27.0	RHD-3010
92.2	31	66	91	12	2-3/4"-16UN	19	6-1/4"-12UN	48	54.1	28.0	RHD-603
92.2	31	66	91	12	2-3/4"-16UN	19	6-1/4"-12UN	48	54.1	35.0	RHD-606
92.2	31	66	91	12	2-3/4"-16UN	19	6-1/4"-12UN	48	54.1	45.0	RHD-6010
127.0	38	44	126	12	4"-16UN	25	-	-	79.5	33.0	RHD-1001
127.0	38	85	126	12	4"-16UN	25	8-3/8"-12UN	60	79.5	61.0	RHD-1003
127.0	38	85	126	12	4"-16UN	25	8-3/8"-12UN	60	79.5	79.0	RHD-1006
127.0	38	85	126	12	4"-16UN	25	8-3/8"-12UN	60	79.5	106.0	RHD-10010
152.4	38	60	127	4	4-1/4"-12UN	25	-	-	79.5	111.0	RHD-1508

HANDLE TYPES: ♠ WELDED ♦ EYEBOLT ♥ REMOVABLE STRAP HANDLE ♣ THREAD

THE **RPLC-SERIES** IS A SINGLE ACTING LOAD RETURN PANCAKE LOCKING COLLAR CYLINDER. IT IS A COMPACT DESIGN THAT FEATURES A THREADED PISTON ROD AND LOCK RING.

When the lock ring is screwed down and engaged with the cylinder body, the load can be held mechanically for extended periods. Hoses and pumps can be removed until lowering is required. These cylinders are ideally suited to bridge construction and maintenance. All RPLC-Series cylinders feature a hard chrome bore for maximum corrosion resistance and a special coating on the piston rod and lock ring to resist corrosion and abrasion. Integral tilt saddle and an oil overflow port which restricts piston stroke is standard on all models.



Model Number	Cylinder Capacity ton* / kN		Stroke (mm)	Cylinder Effective Area (cm ²)	Oil Capacity (cm ³)	A Collapsed Height (mm)	B Extended Height (mm)	D Outside Diameter (mm)
RPLC-602	60	606	50	86.6	433	125	175	140
RPLC-1002	100	1,027	50	146.8	733	137	187	175
RPLC-1602	160	1,619	45	231.3	1,040	148	193	220
RPLC-2002	200	1,999	45	285.6	1,285	155	200	245
RPLC-2502	250	2,567	45	366.8	1,650	159	204	275
RPLC-4002	400	3,916	45	559.5	2,516	178	223	350
RPLC-5002	500	5,114	45	730.6	3,286	192	237	400

* Nominal Cylinder Capacity in ton - see kN values for actual capacity

HARDENED GROOVED TILT SADDLE

on all models to prevent piston rod damage

LOW FRICTION COATING

on piston rod and lock nut enhances corrosion resistance

HARD CHROME PLATED BORE

for maximum corrosion resistance and cylinder life

OVERFLOW PORT

on the piston rod ensures cylinder is not over extended

LOCK RING

holds load mechanically

POWDER COATED FINISH

enhances appearance and reduces corrosion

PARKER

industry standard high flow coupling for compatibility



CAPACITY

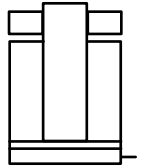
60 - 500 ton

STROKE

45 - 50 mm

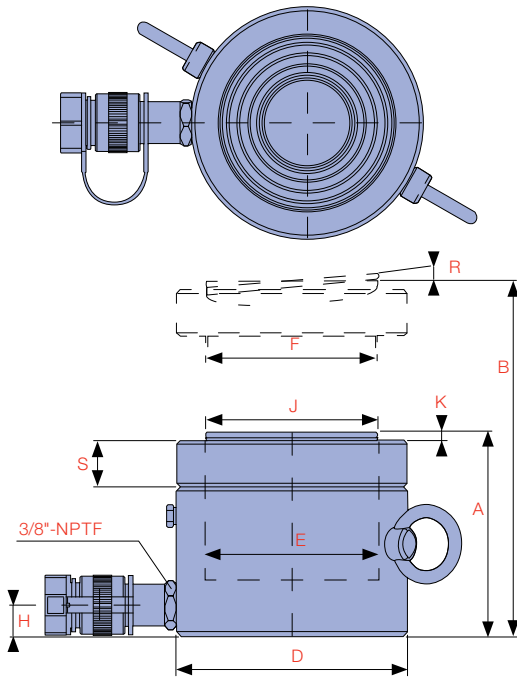
MAXIMUM OPERATING PRESSURE

700 bar



B

CYLINDERS



CAUTION...

RPLC-Series pancake locking collar cylinders must be used with the base fully engaged and on a firm stable jacking surface.

E Cylinder Bore Diameter (mm)	F **Piston Rod Diameter (mm)	H Base to Advance Port (mm)	J Standard Saddle Diameter (mm)	K Saddle Protrusion from Piston Rod (mm)	R Tilt Saddle Maximum Angle	S Lock Ring Height (mm)	Weight (kg)	Model Number	Handle Type
105.0	TR104x4	19	96	6	5°	28	15	RPLC-602	◆
136.7	TR136x6	21	126	8	5°	31	26	RPLC-1002	◆
171.6	TR171x6	27	160	9	5°	40	44	RPLC-1602	◆
190.7	TR190x6	30	180	10	5°	43	57	RPLC-2002	◆
216.1	TR216x6	32	200	11	5°	44	74	RPLC-2502	◆
266.9	TR266x6	39	250	11	4°	55	134	RPLC-4002	◆
305.0	TR305x6	48	290	10	3°	62	189	RPLC-5002	◆

HANDLE TYPES: ♣ WELDED ◆ EYEBOLT ♥ REMOVABLE STRAP HANDLE ♠ THREAD

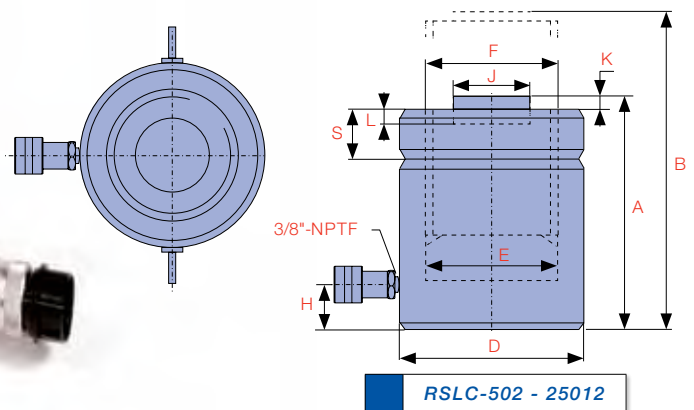
** TR is a metric trapezoidal thread

B

CYLINDERS

THE RSLC-SERIES IS A SINGLE ACTING LOAD RETURN HIGH TONNAGE LOCKING COLLAR CYLINDER.

It is a design that features a threaded piston rod and lock ring. When the lock ring is screwed down and engaged with the cylinder body, the load can be held mechanically for extended periods. These cylinders are ideally suited to bridge construction and maintenance and jacking applications requiring safe extended load holding. All RSLC-Series cylinders feature a hard chrome bore for maximum corrosion resistance and a special coating on the piston rod and lock ring to resist corrosion and abrasion. Hardened removable saddles are standard and TSX tilt saddles are optional. An oil overflow port which restricts piston stroke is standard on all models.



**EXCEEDS
ANSI/ASME B3U.1
SAFETY
STANDARDS**

Model Number	Cylinder Capacity ton* / kN	Stroke (mm)	Cylinder Effective Area (cm ²)	Oil Capacity (cm ³)	A Collapsed Height (mm)	B Extended Height (mm)	D Outside Diameter (mm)	E Cylinder Bore Diameter (mm)	**F Piston Rod Diameter (mm)	
RSLC-502	50	496	50	70.9	355	164	214	125	95.0	TR95x4
RSLC-504		496	100	70.9	708	214	314	125	95.0	TR95x4
RSLC-506		496	150	70.9	1,063	264	414	125	95.0	TR95x4
RSLC-508		496	200	70.9	1,417	314	514	125	95.0	TR95x4
RSLC-5010		496	250	70.9	1,771	364	614	125	95.0	TR95x4
RSLC-5012		496	300	70.9	2,125	414	714	125	95.0	TR95x4
RSLC-1002	100	929	50	132.7	664	187	237	165	130.0	TR130x6
RSLC-1004		929	100	132.7	1,327	237	337	165	130.0	TR130x6
RSLC-1006		929	150	132.7	1,990	287	437	165	130.0	TR130x6
RSLC-1008		929	200	132.7	2,653	337	537	165	130.0	TR130x6
RSLC-10010		929	250	132.7	3,317	387	637	165	130.0	TR130x6
RSLC-10012		929	300	132.7	3,980	437	737	165	130.0	TR130x6
RSLC-1502	150	1,390	50	198.6	993	209	259	205	159.0	TR159x6
RSLC-1504		1,390	100	198.6	1,985	259	359	205	159.0	TR159x6
RSLC-1506		1,390	150	198.6	2,977	309	459	205	159.0	TR159x6
RSLC-1508		1,390	200	198.6	3,969	359	559	205	159.0	TR159x6
RSLC-15010		1,390	250	198.6	4,961	409	659	205	159.0	TR159x6
RSLC-15012		1,390	300	198.6	5,954	459	759	205	159.0	TR159x6

* Nominal Cylinder Capacity in ton - see kN values for actual capacity

** TR is a metric trapezoidal thread

LOW FRICTION COATING

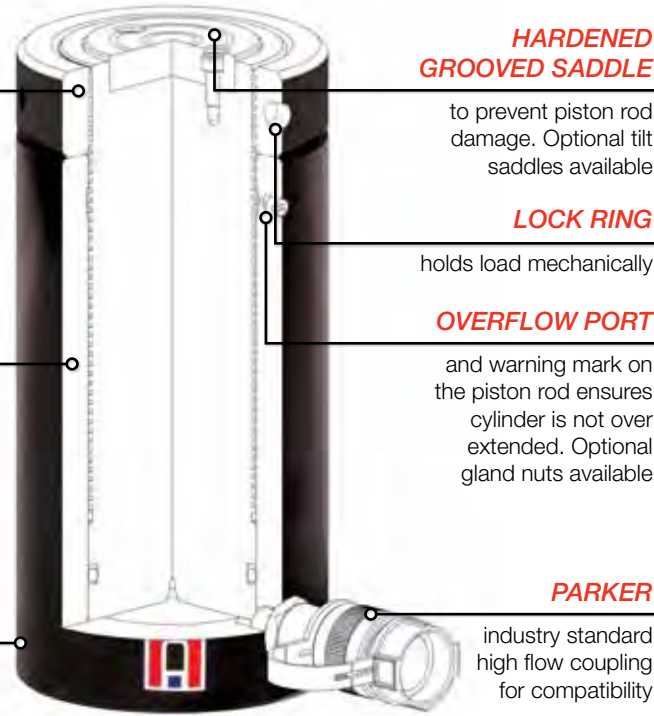
on piston rod and lock nut enhances corrosion resistance

HARD CHROME PLATED BORE

for maximum corrosion resistance and cylinder life

POWDER COATED FINISH

enhances appearance and reduces corrosion



HARDENED GROOVED SADDLE

to prevent piston rod damage. Optional tilt saddles available

LOCK RING

holds load mechanically

OVERFLOW PORT

and warning mark on the piston rod ensures cylinder is not over extended. Optional gland nuts available

PARKER

industry standard high flow coupling for compatibility



CAPACITY

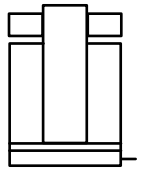
50 - 1,000 ton

STROKE

50 - 300 mm

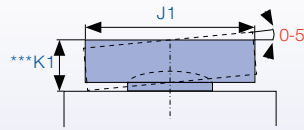
MAXIMUM OPERATING PRESSURE

700 bar



Did you know...

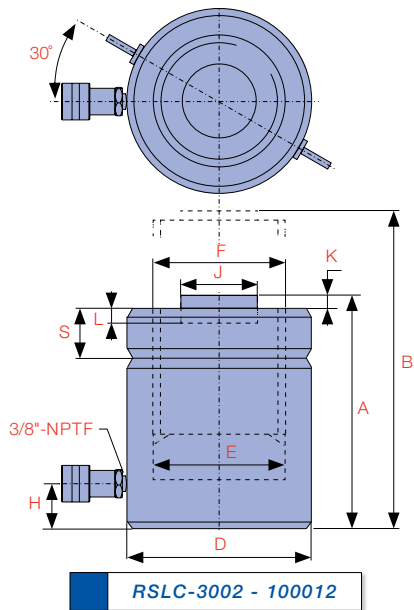
Durapac offer RDLC-Series double acting locking collar cylinders for extended mechanical load holding applications with controlled lowering. **Contact Durapac for full details.**



H Base to Advance Port (mm)	J Standard Saddle Diameter (mm)	K Saddle Protrusion from Piston Rod (mm)	L Depth of Piston Rod Hole (mm)	S Lock Ring Height (mm)	Weight (kg)	Optional Tilt Saddle			Model Number	Handle Type
						Model Number	J1 Diameter (mm)	***K1 Height (mm)		
30	71	2	13	36	15.0	TSX-100	71	24	RSLC-502	◆
30	71	2	13	36	20.0	TSX-100	71	24	RSLC-504	◆
30	71	2	13	36	25.0	TSX-100	71	24	RSLC-506	◆
30	71	2	13	36	30.0	TSX-100	71	24	RSLC-508	◆
30	71	2	13	36	35.0	TSX-100	71	24	RSLC-5010	◆
30	71	2	13	36	40.0	TSX-100	71	24	RSLC-5012	◆
30	71	2	13	44	30.0	TSX-100	71	24	RSLC-1002	◆
30	71	2	13	44	39.0	TSX-100	71	24	RSLC-1004	◆
30	71	2	13	44	48.0	TSX-100	71	24	RSLC-1006	◆
30	71	2	13	44	56.0	TSX-100	71	24	RSLC-1008	◆
30	71	2	13	44	64.0	TSX-100	71	24	RSLC-10010	◆
30	71	2	13	44	73.0	TSX-100	71	24	RSLC-10012	◆
39	130	2	25	44	53.0	TSX-200	130	20	RSLC-1502	◆
39	130	2	25	44	66.0	TSX-200	130	20	RSLC-1504	◆
39	130	2	25	44	78.0	TSX-200	130	20	RSLC-1506	◆
39	130	2	25	44	92.0	TSX-200	130	20	RSLC-1508	◆
39	130	2	25	44	104.0	TSX-200	130	20	RSLC-15010	◆
39	130	2	25	44	117.0	TSX-200	130	20	RSLC-15012	◆

HANDLE TYPES: ♠ WELDED ◆ EYEBOLT ♥ REMOVABLE STRAP HANDLE ♣ THREAD

*** Total cylinder collapsed height with optional tilt saddle equals (dim.A - dim.K + dim.K1)



Did you know...

RPLC-Series pancake locking collar cylinders are perfect for applications that require sustained load holding in a compact low height package.



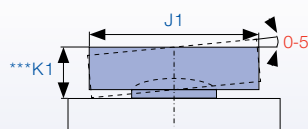
Model Number	Cylinder Capacity ton* / kN	Stroke (mm)	Cylinder Effective Area (cm ²)	Oil Capacity (cm ³)	A Collapsed Height (mm)	B Extended Height (mm)	D Outside Diameter (mm)	E Cylinder Bore Diameter (mm)	**F Piston Rod Diameter (mm)	
RSLC-2002	200	1,859	50	265.6	1,330	243	293	235	184.0	TR184x6
RSLC-2006		1,859	150	265.6	3,987	343	493	235	184.0	TR184x6
RSLC-20012		1,859	300	265.6	7,973	493	793	235	184.0	TR184x6
RSLC-2502	250	2,562	50	366.1	1,833	249	299	275	216.0	TR216x6
RSLC-2506		2,562	150	366.1	5,494	349	499	275	216.0	TR216x6
RSLC-25012		2,562	300	366.1	10,987	499	799	275	216.0	TR216x6
RSLC-3002	300	3,193	50	456.2	2,282	295	345	310	241.0	TR241x6
RSLC-3006		3,193	150	456.2	6,844	395	545	310	241.0	TR241x6
RSLC-30012		3,193	300	456.2	13,678	545	845	310	241.0	TR241x6
RSLC-4002	400	3,919	50	559.9	2,798	335	385	350	267.0	TR266x6
RSLC-4006		3,919	150	559.9	8,394	435	585	350	267.0	TR266x6
RSLC-40012		3,919	300	559.9	16,789	585	885	350	267.0	TR266x6
RSLC-5002	500	5,118	50	731.1	3,651	375	425	400	305.0	TR305x6
RSLC-5006		5,118	150	731.1	10,954	475	625	400	305.0	TR305x6
RSLC-50012		5,118	300	731.1	21,907	625	925	400	305.0	TR305x6
RSLC-6002	600	5,983	50	854.8	4,274	395	445	430	330.0	TR330x6
RSLC-6006		5,983	150	854.8	12,823	495	645	430	330.0	TR330x6
RSLC-60012		5,983	300	854.8	25,646	645	945	430	330.0	TR330x6
RSLC-8002	800	8,238	50	1176.9	5,878	455	505	505	387.0	TR387x6
RSLC-8006		8,238	150	1176.9	17,635	555	705	505	387.0	TR387x6
RSLC-80012		8,238	300	1176.9	35,271	705	1005	505	387.0	TR387x6
RSLC-10002	1000	10,260	50	1466.4	7,325	495	545	560	432.0	TR432x6
RSLC-10006		10,260	150	1466.4	21,975	595	745	560	432.0	TR432x6
RSLC-100012		10,260	300	1466.4	43,950	745	1045	560	432.0	TR432x6

* Nominal Cylinder Capacity in ton - see kN values for actual capacity

** TR is a metric trapezoidal thread

Did you know...

Durapac offers a wide range of pump options: electric / air / petrol / diesel / manual



H Base to Advance Port (mm)	J Standard Saddle Diameter (mm)	K Saddle Protrusion from Piston Rod (mm)	L Depth of Piston Rod Hole (mm)	S Lock Ring Height (mm)	Weight (kg)	Optional Tilt Saddle			Model Number	Handle Type
						Model Number	J1 Diameter (mm)	***K1 Height (mm)		
50	130	2	25	50	83	TSX-200	130	20	RSLC-2002	◆
50	130	2	25	50	117	TSX-200	130	20	RSLC-2006	◆
50	130	2	25	50	170	TSX-200	130	20	RSLC-20012	◆
50	150	2	25	56	116	TSX-250	150	21	RSLC-2502	◆
50	150	2	25	56	162	TSX-250	150	21	RSLC-2506	◆
50	150	2	25	56	234	TSX-250	150	21	RSLC-25012	◆
59	139	5	25	60	173	TSX-300	195	75	RSLC-3002	◆
59	139	5	25	60	233	TSX-300	195	75	RSLC-3006	◆
59	139	5	25	60	323	TSX-300	195	75	RSLC-30012	◆
70	159	5	25	70	250	TSX-400	225	85	RSLC-4002	◆
70	159	5	25	70	327	TSX-400	225	85	RSLC-4006	◆
70	159	5	25	70	441	TSX-400	225	85	RSLC-40012	◆
80	179	5	25	80	367	TSX-500	250	91	RSLC-5002	◆
80	179	5	25	80	466	TSX-500	250	91	RSLC-5006	◆
80	179	5	25	80	617	TSX-500	250	91	RSLC-50012	◆
85	194	5	25	85	446	TSX-600	275	96	RSLC-6002	◆
85	194	5	25	85	562	TSX-600	275	96	RSLC-6006	◆
85	194	5	25	85	737	TSX-600	275	96	RSLC-60012	◆
100	224	5	25	100	709	TSX-800	320	123	RSLC-8002	◆
100	224	5	25	100	870	TSX-800	320	123	RSLC-8006	◆
100	224	5	25	100	1,110	TSX-800	320	123	RSLC-80012	◆
110	249	5	25	110	949	TSX-1000	360	136	RSLC-10002	◆
110	249	5	25	110	1,141	TSX-1000	360	136	RSLC-10006	◆
110	249	5	25	110	1,430	TSX-1000	360	136	RSLC-100012	◆

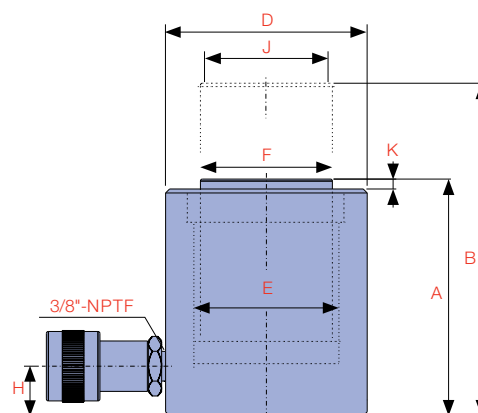
HANDLE TYPES: ♠ WELDED ◆ EYEBOLT ♥ REMOVABLE STRAP HANDLE ♣ THREAD

*** Total cylinder collapsed height with optional tilt saddle equals (dim.A - dim.K + dim.K1)



THE AR-SERIES IS A LIGHTWEIGHT HIGH STRENGTH ALUMINIUM SPRING RETURN CYLINDER THAT IS IDEAL FOR USE IN APPLICATIONS WHERE WEIGHT AND PORTABILITY ARE PARAMOUNT.

A special anodising treatment on the piston rod, cylinder bore and body resists damage and extends cylinder life. AR-Series cylinders can be used in applications such as axle correction, bridge jacking, machinery maintenance and other non production applications.



Model Number	Cylinder Capacity ton* / kN	Stroke (mm)	Cylinder Effective Area (cm ²)	Oil Capacity (cm ³)	A Collapsed Height (mm)	B Extended Height (mm)	D Outside Diameter (mm)	
AR-302	30	293	50	41.9	213	168	218	114
AR-304		293	101	41.9	426	229	330	114
AR-306		293	152	41.9	639	270	422	114
AR-308		293	203	41.9	852	320	523	114
AR-3010		293	254	41.9	1,065	371	625	114
AR-502	50	498	50	71.2	360	168	218	139
AR-504		498	101	71.2	723	229	330	139
AR-506		498	152	71.2	1,085	270	422	139
AR-508		498	203	71.2	1,445	320	523	139
AR-5010		498	254	71.2	1,809	371	625	139
AR-752	75	678	50	96.8	492	168	218	165
AR-754		678	101	96.8	985	229	330	165
AR-756		678	152	96.8	1,477	270	422	165
AR-758		678	203	96.8	1,969	320	523	165
AR-7510		678	254	96.8	2,463	371	625	165
AR-1002	100	931	50	133.0	675	168	218	203
AR-1004		931	101	133.0	1,351	229	330	203
AR-1006		931	152	133.0	2,027	270	422	203
AR-1008		931	203	133.0	2,702	320	523	203
AR-10010		931	254	133.0	3,379	371	625	203

PISTON ROD WIPER

reduces contaminants

PISTON ROD

has a special anodising treatment to resist damage

HANDLE

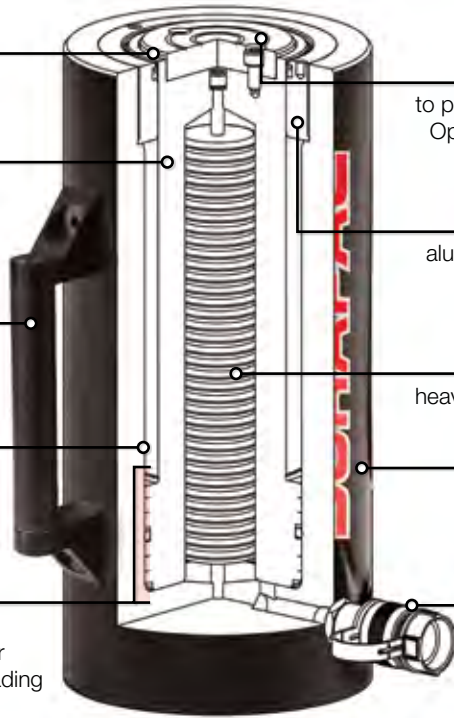
is threaded and removable

CYLINDER BORE

has a special anodising treatment to resist damage

BEARING SURFACE

large area with balancing and lubricating grooves for protection against side loading



HARDENED STEEL GROOVED SADDLE

to prevent piston rod damage. Optional tilt saddles available

GLAND NUT

aluminium/bronze withstands full dead end loading

RETURN SPRING

heavy duty for faster retraction

LIGHTWEIGHT

high strength aluminium materials

PARKER

industry standard high flow coupling for compatibility



CAPACITY

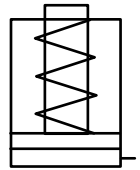
30 - 150 ton

STROKE

50 - 254 mm

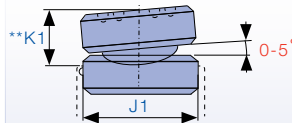
MAXIMUM OPERATING PRESSURE

700 bar



B

CYLINDERS



E Cylinder Bore Diameter (mm)	F Piston Rod Diameter (mm)	H Base to Advance Port (mm)	J Standard Saddle Diameter (mm)	K Saddle Protrusion from Piston Rod (mm)	Optional Tilt Saddle			Weight (kg)
					Model Number	J1 Diameter (mm)	**K1 Height (mm)	
73.2	63.5	38	51	3	-	-	-	5.0
73.2	63.5	38	51	3	-	-	-	6.8
73.2	63.5	38	51	3	-	-	-	7.1
73.2	63.5	38	51	3	-	-	-	9.0
73.2	63.5	38	51	3	-	-	-	11.3
92.2	79.4	38	64	3	ATS-50	60	30	7.4
92.2	79.4	38	64	3	ATS-50	60	30	9.6
92.2	79.4	38	64	3	ATS-50	60	30	11.4
92.2	79.4	38	64	3	ATS-50	60	30	13.6
92.2	79.4	38	64	3	ATS-50	60	30	15.4
111.3	98.4	38	76	3	ATS-75	73	30	10.0
111.3	98.4	38	76	3	ATS-75	73	30	13.0
111.3	98.4	38	76	3	ATS-75	73	30	15.8
111.3	98.4	38	76	3	ATS-75	73	30	19.0
111.3	98.4	38	76	3	ATS-75	73	30	22.7
130.3	108.0	38	89	3	ATS-100	82	30	16.0
130.3	108.0	38	89	3	ATS-100	82	30	19.4
130.3	108.0	38	89	3	ATS-100	82	30	23.0
130.3	108.0	38	89	3	ATS-100	82	30	27.2
130.3	108.0	38	89	3	ATS-100	82	30	30.6



Did you know...

Durapac has a range of aluminium lightweight pumps to suit the **aluminium cylinder range**.



P-2200A



Caution...

Lightweight **aluminium cylinders** are **not** designed for production applications. Refer to Durapac for information relating to high cycle applications.

** Total cylinder collapsed height with optional tilt saddle equals (dim.A - dim.K + dim.K1)

AR-SERIES CONTINUED...

B
CYLINDERS

Model Number	Cylinder Capacity ton* / kN	Stroke (mm)	Cylinder Effective Area (cm ²)	Oil Capacity (cm ³)	A Collapsed Height (mm)	B Extended Height (mm)	D Outside Diameter (mm)
AR-1502	150	1,386	50	198.0	1,005	193	254
AR-1504		1,386	101	198.0	2,011	244	254
AR-1506		1,386	152	198.0	3,016	295	254
AR-1508		1,386	203	198.0	4,020	345	254
AR-15010		1,386	254	198.0	5,027	397	254

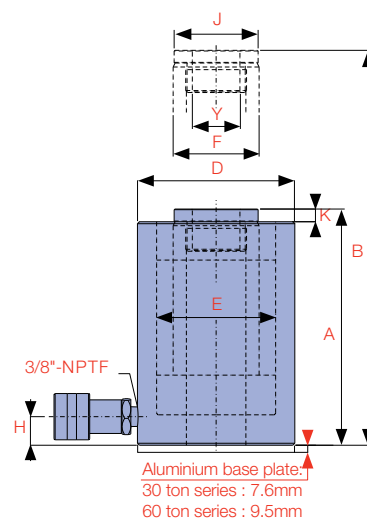
ARHS | SERIES



EXCEEDS
ANSI/ASME B30.1
SAFETY
STANDARDS

THE ARHS-SERIES IS A SPRING RETURN HOLLOW PISTON ROD ALUMINIUM CYLINDER.

The hollow piston allows for a rod or cable to be inserted through the entire body length. They can be used in tensioning, load testing, bush extracting and maintenance applications where weight and portability are paramount. All cylinders incorporate a bolt on removable aluminium base plate for extra protection.



Model Number	Cylinder Capacity ton* / kN	Stroke (mm)	Cylinder Effective Area (cm ²)	Oil Capacity (cm ³)	A Collapsed Height (mm)	B Extended Height (mm)	D Outside Diameter (mm)
ARHS-303	30	326	75	46.5	361	219	139
ARHS-306		326	152	46.5	721	296	139
ARHS-603	60	555	75	79.3	606	261	190
ARHS-606		555	152	79.3	1,213	337	190

* Nominal Cylinder Capacity in ton - see kN values for actual capacity

E Cylinder Bore Diameter (mm)	F Piston Rod Diameter (mm)	H Base to Advance Port (mm)	J Standard Saddle Diameter (mm)	K Saddle Protrusion from Piston Rod (mm)	Optional Tilt Saddle			Weight (kg)
					Model Number	J1 Diameter (mm)	**K1 Height (mm)	
158.9	127.0	38	114	3	ATS-150	108	46	24.8
158.9	127.0	38	114	3	ATS-150	108	46	30.6
158.9	127.0	38	114	3	ATS-150	108	46	36.6
158.9	127.0	38	114	3	ATS-150	108	46	43.1
158.9	127.0	38	114	3	ATS-150	108	46	50.8

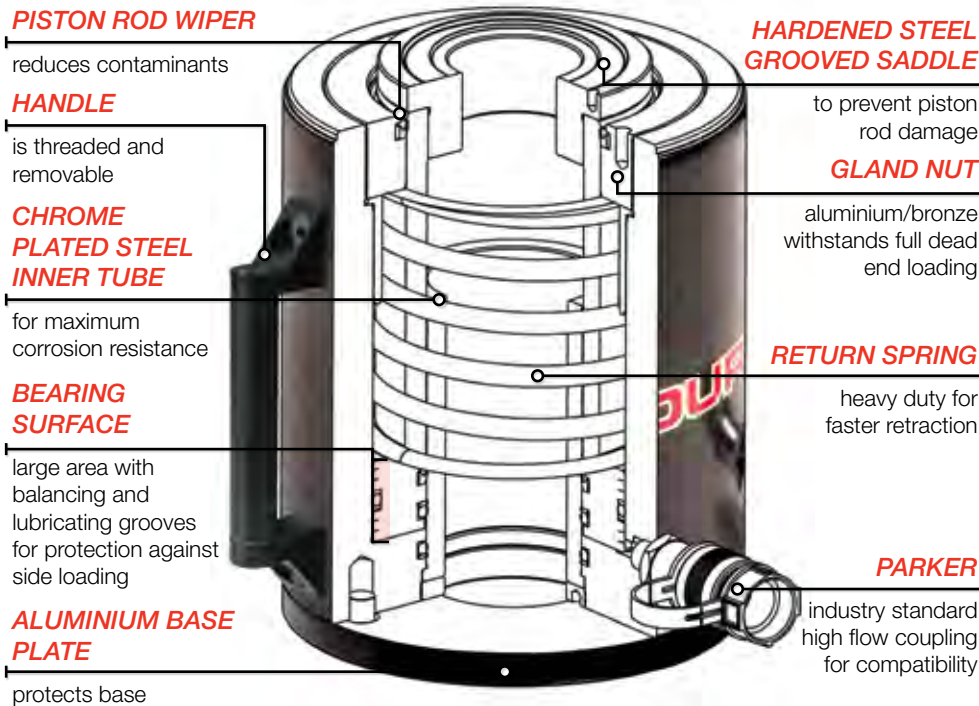


Caution...

Lightweight **aluminium cylinders** are **not** designed for production applications. Refer to Durapac for information relating to high cycle applications.

B
CYLINDERS

ARHS | SERIES



CAPACITY
30 - 60 ton

STROKE
75 - 152 mm

MAXIMUM OPERATING PRESSURE
700 bar

E Cylinder Bore Diameter (mm)	F Piston Rod Diameter (mm)	H Base to Advance Port (mm)	J Standard Saddle Diameter (mm)	K Saddle Protrusion from Piston Rod (mm)	Y Centre Hole Diameter (mm)	Weight (kg)
89.0	63.5	25	64	10	32.3	9.9
89.0	63.5	25	64	10	32.3	13.6
120.8	92.1	25	92	13	54.0	19.0
120.8	92.1	25	92	13	54.0	24.9



Caution...

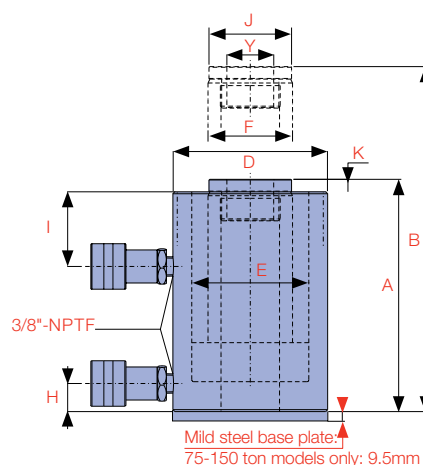
Protective aluminium base plate protects the cylinder and should **not** be removed. **Threaded base holes** should **not** be used for any other purpose.

** Total cylinder collapsed height with optional tilt saddle equals (dim.A - dim.K + dim.K1)



THE ARHD-SERIES IS A DOUBLE ACTING HOLLOW PISTON ROD ALUMINIUM CYLINDER.

The hollow piston allows for a rod or cable to be inserted through the entire body length, while the double acting design improves speed of operation when longer stroke cylinders are required. They can be used in tensioning, load testing and maintenance applications where weight and portability are paramount. Cylinders 75-150 ton incorporate a mild steel base plate for extra protection.



Model Number	Cylinder Capacity			Stroke (mm)	Cylinder Effective Area		Oil Capacity		A Collapsed Height (mm)	B Extended Height (mm)	D Outside Diameter (mm)
	ton*	Advance kN	Retract kN		Advance (cm ²)	Retract (cm ²)	Advance (cm ³)	Retract (cm ³)			
ARHD-302	30	287	91	50	40.97	13.03	208	67	191	241	139
ARHD-304		287	91	100	40.97	13.03	416	133	242	342	139
ARHD-306		287	91	152	40.97	13.03	624	200	293	445	139
ARHD-3010		287	91	254	40.97	13.03	1,040	332	394	648	139
ARHD-502	50	465	155	50	66.45	22.12	337	112	191	241	191
ARHD-504		465	155	100	66.45	22.12	675	225	242	342	191
ARHD-506		465	155	152	66.45	22.12	1,013	337	293	445	191
ARHD-5010		465	155	254	66.45	22.12	1,689	563	394	648	191
ARHD-752	75	688	281	50	98.25	40.13	499	203	242	292	228
ARHD-754		688	281	100	98.25	40.13	998	407	293	393	228
ARHD-756		688	281	152	98.25	40.13	1,497	611	343	495	228
ARHD-7510		688	281	254	98.25	40.13	2,495	1,019	445	699	228
ARHD-1002	100	975	339	50	139.29	48.45	707	246	254	304	279
ARHD-1004		975	339	100	139.29	48.45	1,415	492	305	405	279
ARHD-1006		975	339	152	139.29	48.45	2,123	738	355	507	279
ARHD-10010		975	339	254	139.29	48.45	3,539	1,230	457	711	279
ARHD-1502	150	1,421	497	50	203.03	70.96	1,004	295	254	304	304
ARHD-1504		1,421	497	100	203.03	70.96	2,008	590	305	405	304
ARHD-1506		1,421	497	152	203.03	70.96	3,012	885	355	507	304
ARHD-15010		1,421	497	254	203.03	70.96	5,021	1,475	457	711	304

* Nominal Cylinder Capacity in ton - see kN values for actual capacity

HARDENED STEEL GROOVED SADDLE **

to prevent piston rod damage

HANDLE

is threaded and removable

STOP RING

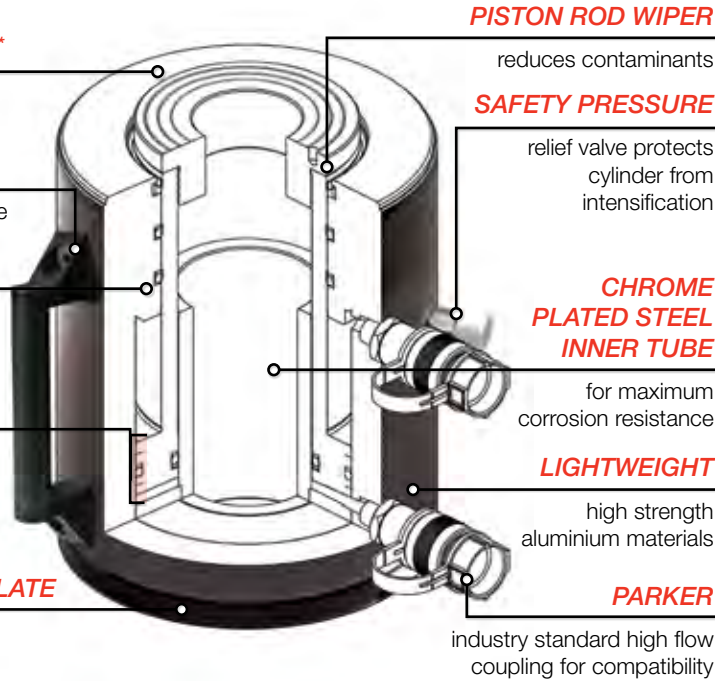
withstands full dead end loading

BEARING SURFACE

large area with balancing and lubricating grooves for protection against side loading

MILD STEEL BASE PLATE

75-150 Ton models only



CAPACITY
30 - 150 ton

STROKE
50 - 254 mm

MAXIMUM OPERATING PRESSURE
700 bar

B
CYLINDERS

E Cylinder Bore Diameter (mm)	F Piston Rod Diameter (mm)	H Base to Advance Port (mm)	I Top to Return Port (mm)	J Standard Saddle Diameter (mm)	K Saddle Protrusion from Piston Rod (mm)	Y Centre Hole Diameter (mm)	Weight (kg)
92.2	82.6	51	51	70	13	38.0	9.1
92.2	82.6	51	51	70	13	38.0	10.9
92.2	82.6	51	51	70	13	38.0	12.6
92.2	82.6	51	51	70	13	38.0	17.0
117.6	104.8	51	51	92	13	54.0	15.0
117.6	104.8	51	51	92	13	54.0	18.6
117.6	104.8	51	51	92	13	54.0	22.0
117.6	104.8	51	51	92	13	54.0	29.5
143.0	123.7	51	51	122	13	69.9	23.5
143.0	123.7	51	51	122	13	69.9	32.0
143.0	123.7	51	51	122	13	69.9	38.5
143.0	123.7	51	51	122	13	69.9	45.3
171.6	152.4	69	56	152	13	88.9	38.5
171.6	152.4	69	56	152	13	88.9	42.3
171.6	152.4	69	56	152	13	88.9	46.4
171.6	152.4	69	69	152	13	88.9	60.0
190.6	165.1	69	56	165	13	88.9	49.0
190.6	165.1	69	56	165	13	88.9	54.8
190.6	165.1	69	56	165	13	88.9	60.0
190.6	165.1	69	69	165	13	88.9	70.8

** Threaded saddles are standard on ARHD 30 and 50 ton models

Caution...
Protective steel base plate protects the cylinder and should **not** be removed. **Threaded base holes** should **not** be used for any other purpose.

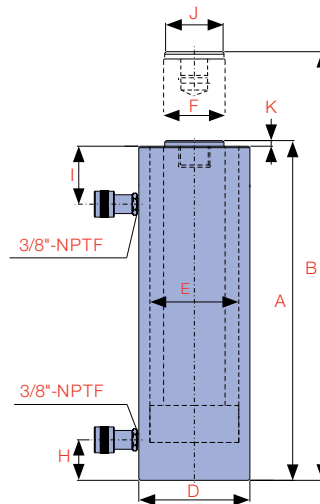
Caution...
Lightweight **aluminium cylinders** are **not** designed for production applications. Refer to Durapac for information relating to high cycle applications.



EXCEEDS
ANSI/ASME B30.1
SAFETY
STANDARDS

THE **ARD-SERIES** IS A LIGHTWEIGHT DOUBLE ACTING ALUMINIUM CYLINDER THAT IS IDEAL FOR USE IN APPLICATIONS WHERE WEIGHT AND PORTABILITY ARE PARAMOUNT.

ARD-Series cylinders are perfect for bridge lifting, machinery maintenance and other non production applications.



Model Number	Cylinder Capacity			Stroke (mm)	Cylinder Effective Area		Oil Capacity		A Collapsed Height (mm)	B Extended Height (mm)	D Outside Diameter (mm)	E Cylinder Bore Diameter (mm)	F Piston Rod Diameter (mm)
	ton*	Advance kN	Retract kN		Advance (cm ²)	Retract (cm ²)	Advance (cm ³)	Retract (cm ³)					
ARD-308	30	293	114	203	41.9	16.3	850	295	349	552	114	73.2	63.5
ARD-3013		293	114	330	41.9	16.3	1,488	578	476	806	114	73.2	63.5
ARD-508	50	535	124	203	76.4	17.7	1,447	360	349	552	139	92.2	79.4
ARD-5013		535	124	330	76.4	17.7	2,351	585	476	806	139	92.2	79.4
ARD-756	75	679	146	152	97.0	20.9	1,477	318	312	450	165	111.3	98.4
ARD-758		679	146	203	97.0	20.9	1,971	710	356	559	165	111.3	98.4
ARD-7513		679	146	330	97.0	20.9	3,201	690	490	806	165	111.3	98.4
ARD-1002	100	931	220	50	133.0	31.4	675	154	211	246	203	130.3	108.0
ARD-1006		931	220	152	133.0	31.4	2,027	464	311	463	203	130.3	108.0
ARD-1008		931	220	203	133.0	31.4	2,705	620	356	559	203	130.3	108.0
ARD-10013		931	220	330	133.0	31.4	4,392	1,005	488	818	203	130.3	108.0
ARD-1506	150	1,386	313	152	198.0	44.7	3,016	681	363	488	254	158.9	127.0
ARD-15013		1,386	313	330	198.0	44.7	6,535	1,476	541	844	254	158.9	127.0

* Nominal Cylinder Capacity in ton - see kN values for actual capacity

PISTON ROD WIPER

reduces contaminants

GLAND NUT

aluminium/bronze withstands full dead end loading

HANDLE

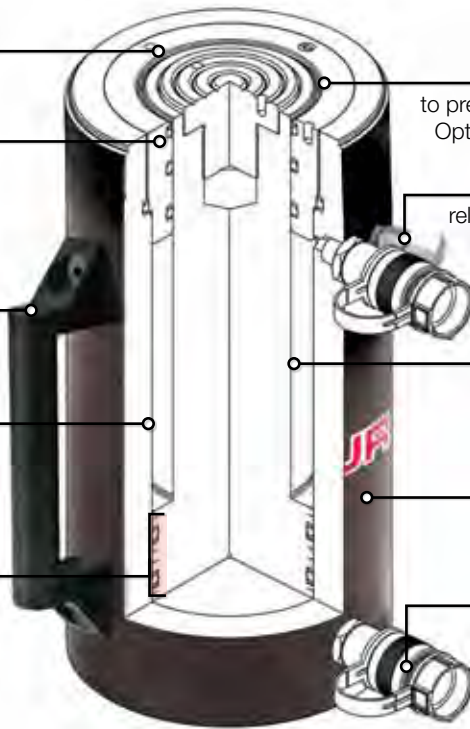
is threaded and removable

CYLINDER BORE

has a special anodising treatment to resist damage

BEARING SURFACE

large area with balancing and lubricating grooves for protection against side loading



HARDENED STEEL GROOVED SADDLE

to prevent piston rod damage. Optional tilt saddles available

SAFETY PRESSURE

relief valve protects cylinder from intensification

PISTON ROD

has a special anodising treatment to resist damage

LIGHTWEIGHT

high strength aluminium materials

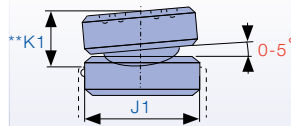
PARKER

industry standard high flow coupling for compatibility

CAPACITY
30 - 150 ton

STROKE
50 - 330 mm

MAXIMUM OPERATING PRESSURE
700 bar



H Base to Advance Port (mm)	I Top to Return Port (mm)	J Standard Saddle Diameter (mm)	K Saddle Protrusion from Piston Rod (mm)	Optional Tilt Saddle			Weight (kg)
				Model Number	J1 Diameter (mm)	**K1 Depth (mm)	
38	63	51	3	-	-	-	12
38	63	51	3	-	-	-	15
38	63	64	3	ATS-50	60	30	16
38	63	64	3	ATS-50	60	30	21
38	63	76	3	ATS-75	73	30	19
38	63	76	3	ATS-75	73	30	22
38	63	76	3	ATS-75	73	30	27
38	63	89	3	ATS-100	82	30	19
38	63	89	3	ATS-100	82	30	26
38	63	89	3	ATS-100	82	30	32
38	63	89	3	ATS-100	82	30	41
51	76	114	3	ATS-150	108	46	40
51	76	114	3	ATS-150	108	46	55

** Total cylinder collapsed height with optional tilt saddle equals (dim.A - dim.K + dim.K1)

Did you know...

Durapac has a range of aluminium lightweight pumps to suit the **aluminium cylinder range**.



Caution...

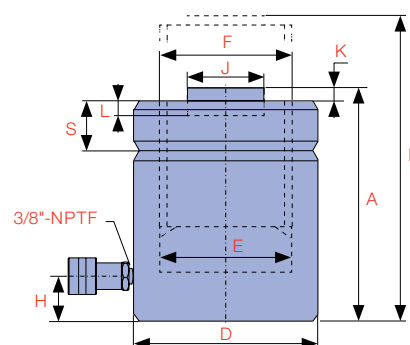
Lightweight **aluminium cylinders** are **not** designed for production applications. Refer to Durapac for information relating to high cycle applications.





THE **ARSLC-SERIES** IS A SINGLE ACTING SPRING RETURN LOCKING COLLAR ALUMINIUM CYLINDER THAT IS IDEAL FOR USE IN APPLICATIONS WHERE WEIGHT AND PORTABILITY ARE PARAMOUNT.

The design features a threaded piston rod and lock ring. When the lock ring is screwed down and engaged with the cylinder body, the load can be held mechanically for extended periods. These cylinders are ideally suited to applications requiring safe extended load holding. All ARSLC-Series cylinders feature anodised treatment on piston rod and lock ring to resist corrosion and abrasion. Hardened removable saddles are standard and ATS tilt saddles are optional.



Model Number	Cylinder Capacity ton* / kN	Stroke (mm)	Cylinder Effective Area (cm ²)	Oil Capacity (cm ³)	A Collapsed Height (mm)	B Extended Height (mm)	D Outside Diameter (mm)	E Cylinder Bore Diameter (mm)	F Piston Rod Diameter (mm)	
ARSLC-302	30	294	51	41.94	213	197	248	114	73	63.5
ARSLC-304		294	102	41.94	426	248	349	114	73	63.5
ARSLC-306		294	152	41.94	639	299	451	114	73	63.5
ARSLC-308		294	203	41.94	852	350	552	114	73	63.5
ARSLC-3010		294	254	41.94	1,065	401	654	114	73	63.5
ARSLC-502	50	499	51	71.23	355	207	257	140	95	79.4
ARSLC-504		499	102	71.23	710	258	359	140	95	79.4
ARSLC-506		499	152	71.23	1,064	308	460	140	95	79.4
ARSLC-508		499	203	71.23	1,418	359	562	140	95	79.4
ARSLC-5010		499	254	71.23	1,773	410	664	140	95	79.4
ARSLC-1002	100	934	51	133.42	664	213	264	203	130	108.0
ARSLC-1004		934	102	133.42	1,327	264	365	203	130	108.0
ARSLC-1006		934	152	133.42	1,991	315	467	203	130	108.0
ARSLC-1008		934	203	133.42	2,655	366	568	203	130	108.0
ARSLC-10010		934	254	133.42	3,318	416	670	203	130	108.0
ARSLC-1502	150	1,386	51	197.94	993	213	264	254	159	127.0
ARSLC-1504		1,386	102	197.94	1,986	264	365	254	159	127.0
ARSLC-1506		1,386	152	197.94	2,979	315	467	254	159	127.0
ARSLC-1508		1,386	203	197.94	3,972	366	568	254	159	127.0
ARSLC-15010		1,386	254	197.94	4,965	416	670	254	159	127.0

* Nominal Cylinder Capacity in ton - see kN values for actual capacity

LOCK RING

holds the load mechanically and is treated with yellow chromate

PISTON ROD

has a special anodising treatment to resist damage

HANDLE

is threaded and removable

ANODISED FINISH

enhances appearance and reduces corrosion

BEARING SURFACE

large area with balancing and lubricating grooves for protection against side loading

HARDENED STEEL GROOVED SADDLE

to prevent piston rod damage. Optional tilt saddles available

GLAND NUT

aluminium/bronze withstands full dead end loading

LIGHTWEIGHT

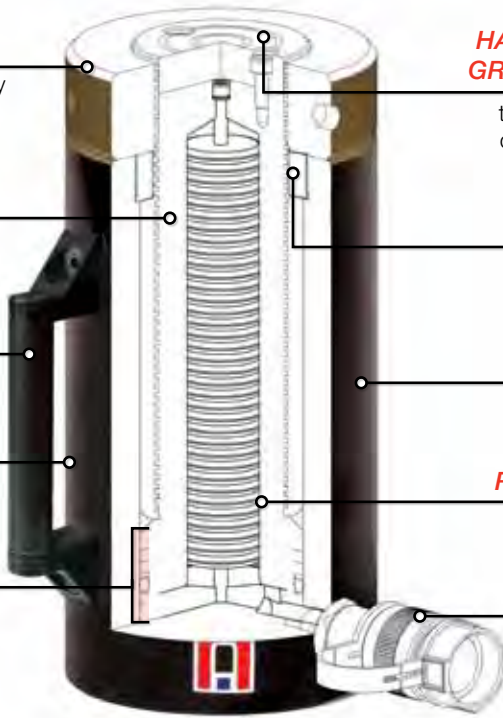
high strength aluminium materials

RETURN SPRING

heavy duty for faster retraction

PARKER

industry standard high flow coupling for compatibility

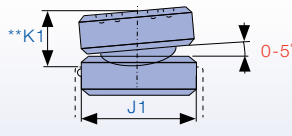


CAPACITY
30 - 150 ton

STROKE
51 - 254 mm

MAXIMUM OPERATING PRESSURE
700 bar

B
CYLINDERS



H Base to Advance Port (mm)	J Standard Saddle Diameter (mm)	K Saddle Protrusion from Piston Rod (mm)	L Depth of Piston Rod Hole (mm)	S Lock Nut Height (mm)	Optional Tilt Saddle			Weight (kg)
					Model Number	J1 Diameter (mm)	**K1 Depth (mm)	
38	51	3	10	32	-	-	-	6.8
38	51	3	10	32	-	-	-	8.2
38	51	3	10	32	-	-	-	9.5
38	51	3	10	32	-	-	-	10.9
38	51	3	10	32	-	-	-	12.2
38	64	3	10	38	ATS-50	60	30	9.5
38	64	3	10	38	ATS-50	60	30	11.8
38	64	3	10	38	ATS-50	60	30	13.2
38	64	3	10	38	ATS-50	60	30	15.4
38	64	3	10	38	ATS-50	60	30	17.2
38	89	3	10	44	ATS-100	82	30	19.5
38	89	3	10	44	ATS-100	82	30	23.1
38	89	3	10	44	ATS-100	82	30	27.2
38	89	3	10	44	ATS-100	82	30	31.3
38	89	3	10	44	ATS-100	82	30	34.9
38	114	3	10	44	ATS-150	108	46	29.9
38	114	3	10	44	ATS-150	108	46	35.8
38	114	3	10	44	ATS-150	108	46	41.7
38	114	3	10	44	ATS-150	108	46	48.1
38	114	3	10	44	ATS-150	108	46	55.8

** Total cylinder collapsed height with optional tilt saddle equals (dim.A - dim.K + dim.K1)



Did you know...

RPLC-Series pancake locking collar cylinders are perfect for applications that require sustained load holding in a compact low height package 60-500 ton.



Caution...

Lightweight **aluminium cylinders** are **not** designed for production applications. Refer to Durapac for information relating to high cycle applications.

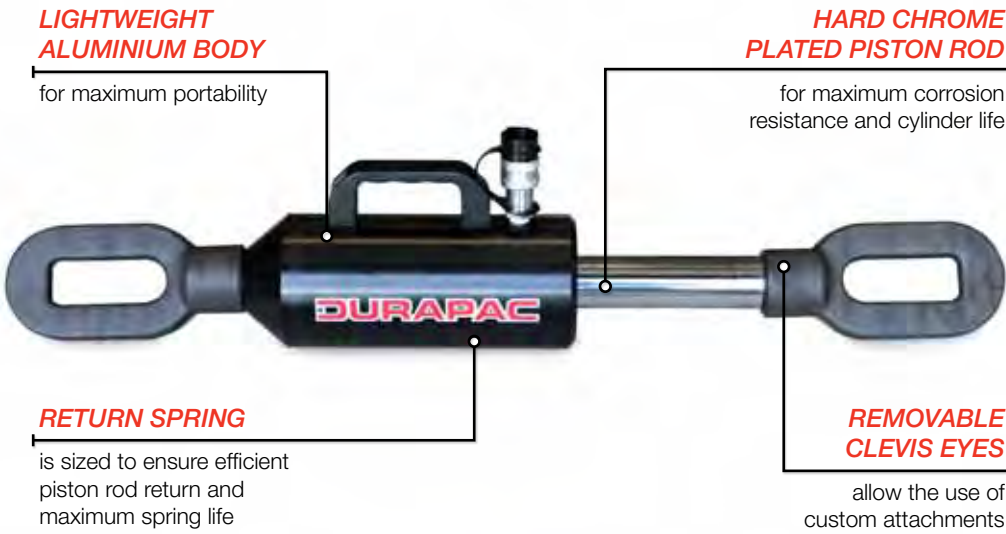
THE **RAP-SERIES** IS A LIGHTWEIGHT SPRING RETURN ALUMINIUM PULL CYLINDER USED IN STEEL STRUCTURAL WORKS, SHIP BUILDING AND TOWER TENSIONING.

All RAP-Series cylinders feature a hard chrome steel piston rod and bronze overlay on the piston bearing area. Clevis eyes can be removed to allow use of the body and piston rod threads.



Model Number	Cylinder Capacity ton* / kN		Stroke (mm)	Cylinder Effective Area (cm ²)	Oil Capacity (cm ³)
RAP-106	10	109	150	15.7	236
RAP-206	20	197	150	28.2	424
RAP-306	30	307	150	44.0	660
RAP-506	50	504	150	72.1	1,082

* Nominal Cylinder Capacity in ton - see kN values for actual capacity

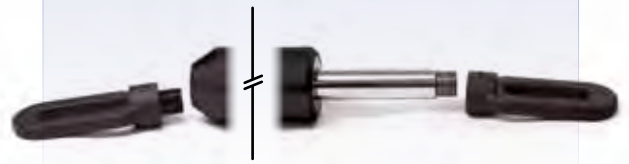
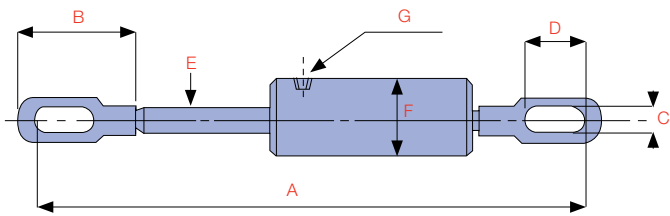


B
CYLINDERS

Did you know...
The *P-2200A* lightweight aluminium hand pump is the perfect choice when portable manual power is desired.



Model Number	Base Thread	Piston Rod Thread
RAP-106	M28 x 2 female	M28 x 2 female
RAP-206	M39 x 3 female	M39 x 3 male
RAP-306	M45 x 2.5 female	M45 x 2.5 male
RAP-506	M50 x 3 female	M50 x 3 male



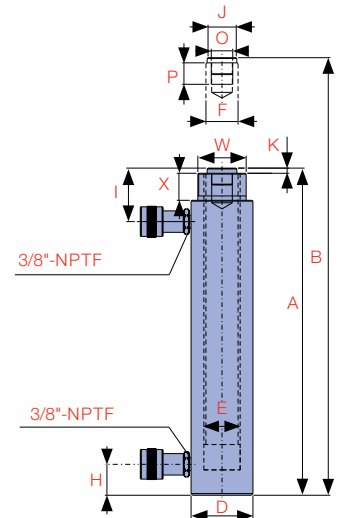
A	B	C	D	E	F	G	Weight (kg)	Model Number	Handle Type
Extended Height (mm)	Clevis Length (mm)	Clevis Eye Height (mm)	Clevis Eye Length (mm)	Piston Rod Diameter (mm)	Cylinder Diameter (mm)	Port Thread Type			
763	171	30	115	40	88	3/8"-NPTF	10.3	RAP-106	♣
807	215	35	120	45	108	3/8"-NPTF	13.5	RAP-206	♣
849	226	44	110	50	125	3/8"-NPTF	19.0	RAP-306	♣
897	273	50	150	54	158	3/8"-NPTF	34.0	RAP-506	♣

HANDLE TYPES: ♣ WELDED ♦ EYEBOLT ♥ REMOVABLE STRAP HANDLE ♣ THREAD



THE **RD-SERIES** IS A VERSATILE AND HEAVY DUTY DOUBLE ACTING CYLINDER FOR USE IN INDUSTRIAL APPLICATIONS REQUIRING HIGH POWER AND PRECISE POSITIONING OF HEAVY LOADS.

All RD-Series cylinders can be used in high working cycle applications and are perfect for bridge lifting, hydraulic presses, construction and maintenance applications. Cylinder body mounting threads and base mounting holes on most models allow greater mounting flexibility. All cylinders have a hard chrome piston rod, bronze overlay on the piston bearing area and retract side safety pressure relief valves to ensure long term, trouble free performance.



RD-1010 - 3014

Model Number	Cylinder Capacity			Stroke (mm)	Cylinder Effective Area		Oil Capacity		A Collapsed Height (mm)	B Extended Height (mm)	D Outside Diameter (mm)	E Cylinder Bore Diameter (mm)	F Piston Rod Diameter (mm)	H Base to Advance Port (mm)
	ton*	Advance kN	Retract kN		Advance (cm ²)	Retract (cm ²)	Advance (cm ³)	Retract (cm ³)						
RD-1010	10	101	33	254	14.5	4.8	367	124	409	663	73	42.9	34.9	36
RD-1012		101	33	305	14.5	4.8	441	149	457	762	73	42.9	34.9	36
RD-308	30	295	133	209	42.1	19.1	879	399	387	596	101	73.2	54.1	57
RD-3014		295	133	368	42.1	19.1	1,548	702	549	917	101	73.2	54.1	57
RD-506	50	498	150	156	71.2	21.5	1,110	338	332	487	127	95.2	79.5	28
RD-5013		498	150	334	71.2	21.5	2,376	719	509	843	127	95.2	79.5	28
RD-5020		498	150	511	71.2	21.5	3,636	1,100	733	1,244	127	95.2	79.5	57
RD-756	75	718	220	156	102.6	31.4	1,600	490	347	503	146	114.3	95.2	30
RD-7513		718	220	333	102.6	31.4	3,415	1,046	525	858	146	114.3	95.2	30
RD-1006	100	933	435	168	133.3	62.2	2,239	1,044	357	525	177	130.3	95.2	38
RD-10013		933	435	333	133.3	62.2	4,438	2,069	524	857	177	130.3	95.2	38
RD-10018		933	435	460	133.3	62.2	6,131	2,858	687	1,147	177	130.3	95.2	41

* Nominal Cylinder Capacity in ton - see kN values for actual capacity

SAFETY PRESSURE

relief valve protects cylinder

PISTON ROD WIPER

reduces contaminants

GLAND NUT

with low friction coating withstands full dead end loading

HARD CHROME PLATED PISTON ROD

for maximum corrosion resistance and cylinder life

BRONZE OVERLAY

on piston bearing area reduces side load induced damage and extends cylinder life

HARDENED GROOVED SADDLE

to prevent piston rod damage. Optional tilt saddles available

CYLINDER BODY MOUNTING THREADS

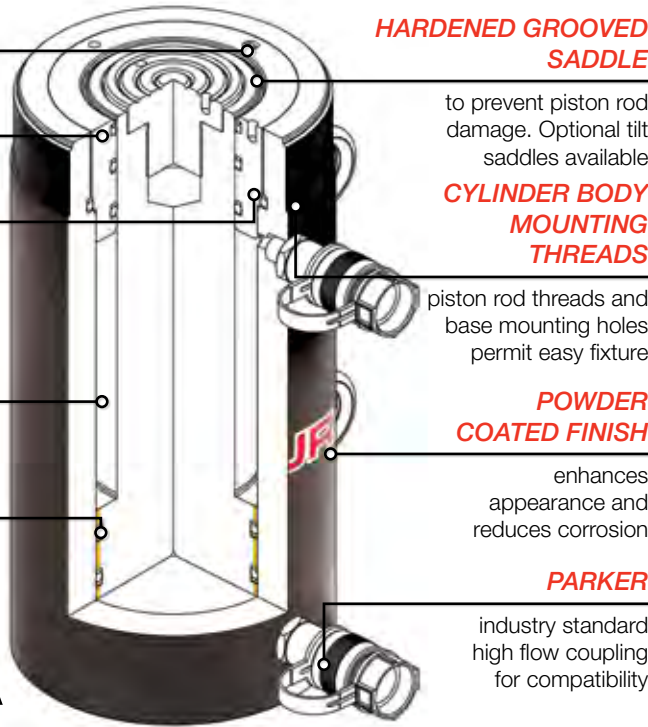
piston rod threads and base mounting holes permit easy fixture

POWDER COATED FINISH

enhances appearance and reduces corrosion

PARKER

industry standard high flow coupling for compatibility



CAPACITY

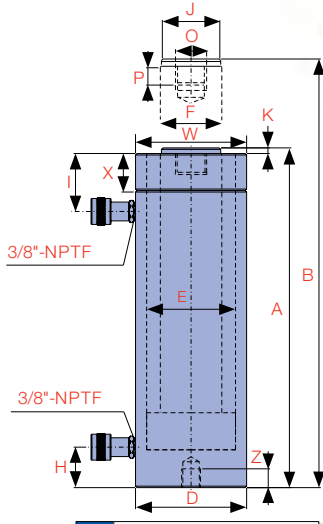
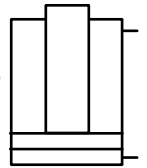
10 - 500 ton

STROKE

57 - 1,219 mm

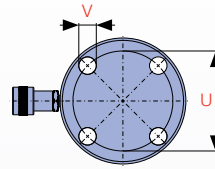
MAXIMUM OPERATING PRESSURE

700 bar

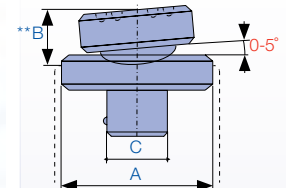


RD-506 - 10018

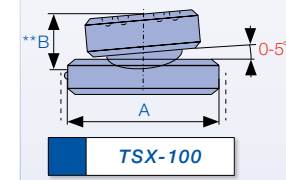
NO MOUNTING HOLES ON 10, 30 & 75 ton, RD-506 & RD-5013 models



RD-5020 - 10018



TSX-10, 50



TSX-100

I Top to Return Port (mm)	J Standard Saddle Diameter (mm)	K Saddle Protrusion from Piston Rod (mm)	O Piston Rod Internal Thread	P Piston Rod Thread Length (mm)	Base Mounting Holes			W Collar Thread (UN)	X Collar Thread Length (mm)	Weight (kg)	Optional Tilt Saddle			Handle Type	
					U Bolt Circle Diameter (mm)	V Thread (UNC)	Z Thread Depth (mm)				Model Number	A (mm)	**B (mm)		C (mm)
57	35	6	1"-8UNC	25	-	-	-	2-1/4"-14	26	12	TSX-10	35	20	22	
57	35	6	1"-8UNC	25	-	-	-	2-1/4"-14	26	14	TSX-10	35	20	22	
81	50	10	1-1/2"-16UN	25	-	-	-	3-5/16"-12	49	18	TSX-50	50	21	36	
81	50	10	1-1/2"-16UN	25	-	-	-	3-5/16"-12	49	29	TSX-50	50	21	36	
76	71	2	1"-12UNF	25	-	-	-	5"-12	50	30	TSX-100	71	25	-	♥
76	71	2	1"-12UNF	25	-	-	-	5"-12	50	52	TSX-100	71	25	-	♥
76	71	2	1"-12UNF	25	76	1/2"-13	25	5"-12	50	68	TSX-100	71	25	-	♥
76	71	6	1"-12UNF	38	-	-	-	5-3/4"-12	38	41	TSX-100	71	25	-	♥
81	71	6	1"-12UNF	38	-	-	-	5-3/4"-12	38	68	TSX-100	71	25	-	♥
71	76	3	1-3/4"-12UN	35	139	3/4"-10	25	6-7/8"-12	50	61	CONTACT DURAPAC			♦	
71	76	3	1-3/4"-12UN	35	139	3/4"-10	25	6-7/8"-12	50	93	"			♦	
92	76	3	1-3/4"-12UN	35	139	3/4"-10	25	6-7/8"-12	50	117	"			♦	

HANDLE TYPES: ♠ WELDED ♦ EYEBOLT ♥ REMOVABLE STRAP HANDLE ♣ THREAD

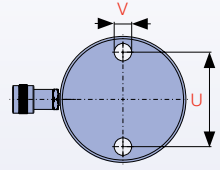
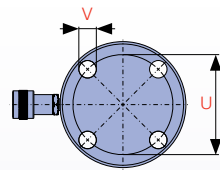
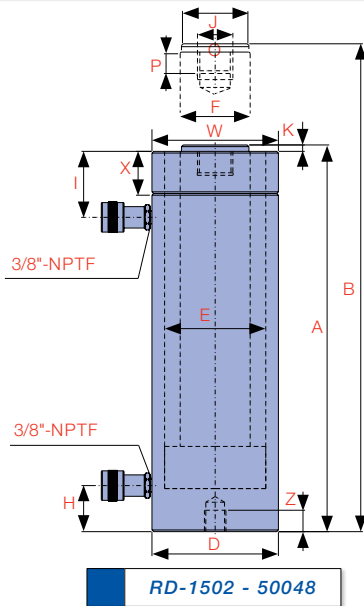
** Total cylinder collapsed height with optional tilt saddle equals (dim.A - dim.K + dim.B)

B CYLINDERS



Model Number	Cylinder Capacity			Stroke (mm)	Cylinder Effective Area		Oil Capacity		A Collapsed Height (mm)	B Extended Height (mm)	D Outside Diameter (mm)	E Cylinder Bore Diameter (mm)	F Piston Rod Diameter (mm)	H Base to Advance Port (mm)
	ton*	Advance kN	Retract kN		Advance (cm ²)	Retract (cm ²)	Advance (cm ³)	Retract (cm ³)						
RD-1502	150	1,386	668	57	198.1	95.4	1,128	544	183	240	203	158.8	114.3	22
RD-1506		1,386	668	156	198.1	95.4	3,088	1,488	385	541	203	158.8	114.3	49
RD-15013		1,386	668	333	198.1	95.4	6,592	3,177	563	897	203	158.8	114.3	49
RD-15032		1,386	668	815	198.1	95.4	16,133	7,775	1,116	1,931	203	158.8	114.3	76
RD-2006	200	1,995	1,017	152	285.0	145.3	4,330	2,207	430	582	247	190.5	133.4	57
RD-20013		1,995	1,017	330	285.0	145.3	9,401	4,791	608	938	247	190.5	133.4	57
RD-20018		1,995	1,017	457	285.0	145.3	13,019	6,635	765	1,222	247	190.5	133.4	85
RD-20024		1,995	1,017	610	285.0	145.3	17,378	8,856	917	1,527	247	190.5	133.4	85
RD-20036		1,995	1,017	914	285.0	145.3	26,049	13,270	1,222	2,136	247	190.5	133.4	85
RD-20048		1,995	1,017	1,219	285.0	145.3	34,741	17,698	1,527	2,746	247	190.5	133.4	85
RD-3006	300	3,201	1,703	153	457.3	243.2	6,993	3,719	485	638	311	241.3	165.1	88
RD-30012		3,201	1,703	305	457.3	243.2	13,941	7,414	638	943	311	241.3	165.1	88
RD-30018		3,201	1,703	457	457.3	243.2	20,888	11,110	790	1,247	311	241.3	165.1	88
RD-30024		3,201	1,703	609	457.3	243.2	27,849	14,805	943	1,552	311	241.3	165.1	88
RD-30036		3,201	1,703	915	457.3	243.2	41,842	22,243	1,247	2,162	311	241.3	165.1	88
RD-30048		3,201	1,703	1,219	457.3	243.2	55,744	29,633	1,552	2,771	311	241.3	165.1	88
RD-4006	400	4,292	2,297	152	613.1	328.1	9,315	4,984	538	690	358	279.4	190.5	108
RD-40012		4,292	2,297	305	613.1	328.1	18,691	10,002	690	995	358	279.4	190.5	108
RD-40018		4,292	2,297	457	613.1	328.1	28,018	14,986	843	1,300	358	279.4	190.5	108
RD-40024		4,292	2,297	610	613.1	328.1	37,399	20,004	995	1,605	358	279.4	190.5	108
RD-40036		4,292	2,297	914	613.1	328.1	56,037	29,973	1,300	2,214	358	279.4	190.5	108
RD-40048		4,292	2,297	1,219	613.1	328.1	74,736	39,974	1,605	2,824	358	279.4	190.5	108
RD-5006	500	5,108	2,838	152	729.7	405.4	11,091	6,175	578	730	397	304.8	203.2	120
RD-50012		5,108	2,838	305	729.7	405.4	22,255	12,357	730	1,035	397	304.8	203.2	120
RD-50018		5,108	2,838	457	729.7	405.4	33,347	18,516	882	1,339	397	304.8	203.2	120
RD-50024		5,108	2,838	609	729.7	405.4	44,438	24,674	1,035	1,644	397	304.8	203.2	120
RD-50036		5,108	2,838	915	729.7	405.4	66,767	37,072	1,339	2,254	397	304.8	203.2	120
RD-50048		5,108	2,838	1,219	729.7	405.4	88,950	49,389	1,644	2,863	397	304.8	203.2	120

* Nominal Cylinder Capacity in ton - see kN values for actual capacity



NO MOUNTING HOLES ON RD-1502, 15032



B
CYLINDERS

I Top to Return Port (mm)	J Standard Saddle Diameter (mm)	K Saddle Protrusion from Piston Rod (mm)	O Piston Rod Internal Thread (UN)	P Piston Rod Thread Length (mm)	Base Mounting Holes			W Collar Thread (UN)	X Collar Thread Length (mm)	Weight (kg)	Optional Tilt Saddle			Handle Type
					U Bolt Circle Diameter (mm)	V Thread	Z Thread Depth (mm)				Model Number	A (mm)	B (mm)	
66	93	19	-	-	-	-	-	-	-	49	CONTACT DURAPAC			◆
84	114	19	3-3/8"-16	35	158	3/4"-16UNF	28	8"-12	55	93	"			◆
84	114	19	3-3/8"-16	35	158	3/4"-16UNF	28	8"-12	55	124	"			◆
88	114	19	3-3/8"-16	35	-	-	-	8"-12	55	238	"			◆
96	133	22	-	-	127	1"-8UNC	25	-	-	147	"			◆
96	133	22	2-1/2"-12	63	127	1"-8UNC	25	9-3/4"-12	54	199	"			◆
101	133	22	2-1/2"-12	63	127	1"-8UNC	25	9-3/4"-12	54	204	"			◆
101	133	22	2-1/2"-12	63	127	1"-8UNC	25	9-3/4"-12	54	279	"			◆
101	133	22	2-1/2"-12	63	127	1"-8UNC	25	9-3/4"-12	54	383	"			◆
101	133	22	2-1/2"-12	63	127	1"-8UNC	25	9-3/4"-12	54	483	"			◆
114	165	28	2-1/2"-12	82	158	1-1/4"-7UNC	44	12-1/4"-12	58	200	"			◆
114	165	28	2-1/2"-12	82	158	1-1/4"-7UNC	44	12-1/4"-12	58	312	"			◆
114	165	28	2-1/2"-12	82	158	1-1/4"-7UNC	44	12-1/4"-12	58	385	"			◆
114	165	28	2-1/2"-12	82	158	1-1/4"-7UNC	44	12-1/4"-12	58	469	"			◆
114	165	28	2-1/2"-12	82	158	1-1/4"-7UNC	44	12-1/4"-12	58	628	"			◆
114	165	28	2-1/2"-12	82	158	1-1/4"-7UNC	44	12-1/4"-12	58	780	"			◆
133	190	28	3"-12	95	203	1-1/2"-6UNC	50	14-1/8"-8	65	303	"			◆
133	190	28	3"-12	95	203	1-1/2"-6UNC	50	14-1/8"-8	65	399	"			◆
133	190	28	3"-12	95	203	1-1/2"-6UNC	50	14-1/8"-8	65	453	"			◆
133	190	28	3"-12	95	203	1-1/2"-6UNC	50	14-1/8"-8	65	597	"			◆
133	190	28	3"-12	95	203	1-1/2"-6UNC	50	14-1/8"-8	65	792	"			◆
133	190	28	3"-12	95	203	1-1/2"-6UNC	50	14-1/8"-8	65	980	"			◆
152	203	28	3-1/4"-12	108	203	1-3/4"-5UNC	54	15-5/8"-8	79	432	"			◆
152	203	28	3-1/4"-12	108	203	1-3/4"-5UNC	57	15-5/8"-8	79	589	"			◆
152	203	28	3-1/4"-12	108	203	1-3/4"-5UNC	57	15-5/8"-8	79	680	"			◆
152	203	28	3-1/4"-12	108	203	1-3/4"-5UNC	57	15-5/8"-8	79	816	"			◆
152	203	28	3-1/4"-12	108	203	1-3/4"-5UNC	57	15-5/8"-8	79	1,002	"			◆
152	203	28	3-1/4"-12	108	203	1-3/4"-5UNC	57	15-5/8"-8	79	1,224	"			◆

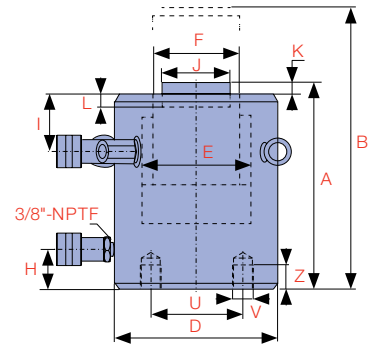
HANDLE TYPES: ♣ WELDED ◆ EYEBOLT ♥ REMOVABLE STRAP HANDLE ♠ THREAD



EXCEEDS
ANSI/ASME B3U.1
SAFETY
STANDARDS

THE **RDHG-SERIES** IS A DOUBLE ACTING HIGH TONNAGE CYLINDER RANGE UP TO 1,600 TON CAPACITY. FOR USE IN CIVIL CONSTRUCTION, HEAVY JACKING, STRESSING BEDS AND OTHER HIGH LOAD APPLICATIONS.

These cylinders feature a hard chrome piston rod for maximum corrosion resistance and bronze overlay piston bearing area to resist side load induced damage. A built in stop ring ensures maximum performance and safety. Interchangeable hardened grooved saddles are standard and TSG tilt saddles are optional. All cylinders in this range have base mounting holes and a retract side concealed safety pressure relief valve.



RDHG-502 - 15012

Model Number	Cylinder Capacity			Stroke (mm)	Cylinder Effective Area		Oil Capacity		A Collapsed Height (mm)	B Extended Height (mm)	D Outside Diameter (mm)	E Cylinder Bore Diameter (mm)	F Piston Rod Diameter (mm)	H Base to Advance Port (mm)
	ton*	Advance kN	Retract kN		Advance (cm ²)	Retract (cm ²)	Advance (cm ³)	Retract (cm ³)						
RDHG-502	50	539	269	50	77.0	38.5	385	192	162	212	130	99.0	70.1	42
RDHG-504		539	269	100	77.0	38.5	769	384	212	312	130	99.0	70.1	42
RDHG-506		539	269	150	77.0	38.5	1,154	575	262	412	130	99.0	70.1	42
RDHG-508		539	269	200	77.0	38.5	1,539	767	312	512	130	99.0	70.1	42
RDHG-5010		539	269	250	77.0	38.5	1,923	980	362	612	130	99.0	70.1	42
RDHG-5012		539	269	300	77.0	38.5	2,308	1,151	412	712	130	99.0	70.1	42
RDHG-1002	100	929	433	50	132.7	61.8	663	309	182	232	165	130.0	95.0	54
RDHG-1004		929	433	100	132.7	61.8	1,327	618	232	332	165	130.0	95.0	54
RDHG-1006		929	433	150	132.7	61.8	1,990	927	282	432	165	130.0	95.0	54
RDHG-1008		929	433	200	132.7	61.8	2,653	1,236	332	532	165	130.0	95.0	54
RDHG-10010		929	433	250	132.7	61.8	3,317	1,546	382	632	165	130.0	95.0	54
RDHG-10012		929	433	300	132.7	61.8	3,980	1,855	432	732	165	130.0	95.0	54
RDHG-1502	150	1,390	675	50	198.5	96.4	992	482	196	246	205	159.0	114.1	61
RDHG-1504		1,390	675	100	198.5	96.4	1,985	964	246	346	205	159.0	114.1	61
RDHG-1506		1,390	675	150	198.5	96.4	2,977	1,445	296	446	205	159.0	114.1	61
RDHG-1508		1,390	675	200	198.5	96.4	3,969	1,927	346	546	205	159.0	114.1	61
RDHG-15010		1,390	675	250	198.5	96.4	4,961	2,409	396	646	205	159.0	114.1	61
RDHG-15012		1,390	675	300	198.5	96.4	5,954	2,891	446	746	205	159.0	114.1	61

* Nominal Cylinder Capacity in ton - see kN values for actual capacity

SAFETY PRESSURE

relief valve protects cylinder from intensification

PISTON ROD WIPER

reduces contaminants

HARD CHROME PLATED PISTON ROD

for maximum corrosion resistance and cylinder life

BRONZE OVERLAY

on piston bearing area reduces side load induced damage and extends cylinder life

BASE MOUNTING

holes on all models

HARDENED GROOVED SADDLE

to prevent piston rod damage. Optional tilt saddles available

STOP RING

withstands full dead end loading

POWDER COATED FINISH

enhances appearance and reduces corrosion

PARKER

industry standard high flow coupling for compatibility



CAPACITY

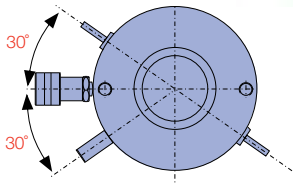
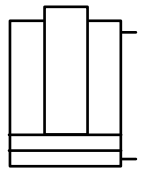
50 - 1,600 ton

STROKE

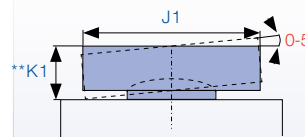
50 - 300 mm

MAXIMUM OPERATING PRESSURE

700 bar



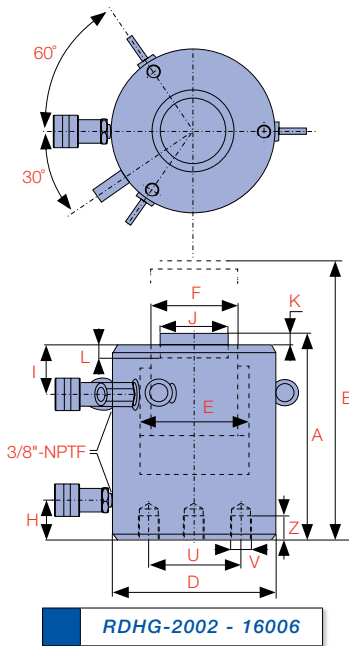
RDHG-502 - 15012



I Top to Return Port (mm)	J Standard Saddle Diameter (mm)	K Saddle Protrusion from Piston Rod (mm)	L Depth of Piston Rod Hole (mm)	Base Mounting Holes			Weight (kg)	Optional Tilt Saddle			Model Number	Handle Type
				U Bolt Circle Diameter (mm)	V Thread	Z Thread Depth (mm)		Model Number	J1 Diameter (mm)	**K1 Height (mm)		
33	50	1	19	65	M12x1.75	22	17.0	TSG-50	50	43	RDHG-502	◆
33	50	1	19	65	M12x1.75	22	20.0	TSG-50	50	43	RDHG-504	◆
33	50	1	19	65	M12x1.75	22	23.0	TSG-50	50	43	RDHG-506	◆
33	50	1	19	65	M12x1.75	22	27.0	TSG-50	50	43	RDHG-508	◆
33	50	1	19	65	M12x1.75	22	31.0	TSG-50	50	43	RDHG-5010	◆
33	50	1	19	65	M12x1.75	22	34.0	TSG-50	50	43	RDHG-5012	◆
48	75	1	19	95	M12x1.75	22	29.0	TSG-100	75	48	RDHG-1002	◆
48	75	1	19	95	M12x1.75	22	34.0	TSG-100	75	48	RDHG-1004	◆
48	75	1	19	95	M12x1.75	22	40.0	TSG-100	75	48	RDHG-1006	◆
48	75	1	19	95	M12x1.75	22	46.0	TSG-100	75	48	RDHG-1008	◆
48	75	1	19	95	M12x1.75	22	52.0	TSG-100	75	48	RDHG-10010	◆
48	75	1	19	95	M12x1.75	22	58.0	TSG-100	75	48	RDHG-10012	◆
56	94	1	19	130	M12x1.75	22	39.0	TSG-150	94	50	RDHG-1502	◆
56	94	1	19	130	M12x1.75	22	52.0	TSG-150	94	50	RDHG-1504	◆
56	94	1	19	130	M12x1.75	22	65.0	TSG-150	94	50	RDHG-1506	◆
56	94	1	19	130	M12x1.75	22	78.0	TSG-150	94	50	RDHG-1508	◆
56	94	1	19	130	M12x1.75	22	92.0	TSG-150	94	50	RDHG-15010	◆
56	94	1	19	130	M12x1.75	22	105.0	TSG-150	94	50	RDHG-15012	◆

HANDLE TYPES: ♠ WELDED ◆ EYEBOLT ♥ REMOVABLE STRAP HANDLE ♣ THREAD

** Total cylinder collapsed height with optional tilt saddle equals (dim.A - dim.K + dim.K1)



CAUTION...

Mounting Hole Orientation
Top mounting hole orientation is maintained to port location.
Base mounting hole orientation is **not** maintained to port location.

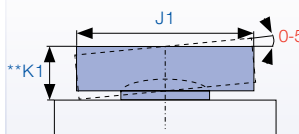
Model Number	Cylinder Capacity			Stroke (mm)	Cylinder Effective Area		Oil Capacity		A Collapsed Height (mm)	B Extended Height (mm)	D Outside Diameter (mm)	E Cylinder Bore Diameter (mm)	F Piston Rod Diameter (mm)	H Base to Advance Port (mm)
	ton*	Advance kN	Retract kN		Advance (cm ²)	Retract (cm ²)	Advance (cm ³)	Retract (cm ³)						
RDHG-2002	200	1,861	889	50	265.8	126.7	1,329	634	216	266	235	184.0	133.1	67
RDHG-2006		1,861	889	150	265.8	126.7	3,987	1,901	316	466	235	184.0	133.1	67
RDHG-20012		1,861	889	300	265.8	126.7	7,973	3,801	466	766	235	184.0	133.1	67
RDHG-2502	250	2,565	1,068	50	366.2	152.3	1,831	761	235	285	275	216.0	165.1	73
RDHG-2506		2,565	1,068	150	366.2	152.3	5,494	2,284	335	485	275	216.0	165.1	73
RDHG-25012		2,565	1,068	300	366.2	152.3	10,987	4,568	485	785	275	216.0	165.1	73
RDHG-3002	300	3,193	1,060	50	455.9	151.0	2,280	755	312	362	310	241.0	197.1	101
RDHG-3006		3,193	1,060	150	455.9	151.0	6,839	2,264	412	562	310	241.0	197.1	101
RDHG-30012		3,193	1,060	300	455.9	151.0	13,678	4,529	562	862	310	241.0	197.1	101
RDHG-4002	400	3,919	1,354	50	559.6	193.7	2,798	969	374	424	350	267.0	215.9	114
RDHG-4006		3,919	1,354	150	559.6	193.7	8,394	2,906	474	625	350	267.0	215.9	114
RDHG-40012		3,919	1,354	300	559.6	193.7	16,789	5,811	624	924	350	267.0	215.9	114
RDHG-5002	500	5,114	1,733	50	730.2	247.8	3,651	1,239	419	469	400	305.0	247.9	114
RDHG-5006		5,114	1,733	150	730.2	247.8	10,954	3,717	519	669	400	305.0	247.9	114
RDHG-50012		5,114	1,733	300	730.2	247.8	21,907	7,434	669	969	400	305.0	247.9	114
RDHG-6002	600	5,987	2,068	50	854.9	295.4	4,274	1,477	429	479	430	330.0	267.0	114
RDHG-6006		5,987	2,068	150	854.9	295.4	12,823	4,432	529	679	430	330.0	267.0	114
RDHG-60012		5,987	2,068	300	854.9	295.4	25,646	8,863	679	979	430	330.0	267.0	114
RDHG-8002	800	8,234	2,709	50	1,175.7	386.9	5,878	1,934	474	524	505	387.0	317.0	149
RDHG-8006		8,234	2,709	150	1,175.7	386.9	17,635	5,803	574	724	505	387.0	317.0	149
RDHG-80012		8,234	2,709	300	1,175.7	386.9	35,271	11,607	724	1,024	505	387.0	317.0	149
RDHG-10002	1,000†	10,260	3,792	50	1,465.0	542.0	7,325	2,710	564	614	560	432.0	342.9	174
RDHG-10006		10,260	3,792	150	1,465.0	542.0	21,975	8,130	664	814	560	432.0	342.9	174
RDHG-100012		10,260	3,792	300	1,465.0	542.0	43,950	16,260	814	1,114	560	432.0	342.9	174
RDHG-16006	1,600†	15,703	4,798	155	2,289.2	699.5	35,466	10,836	825	980	710	540.0	450.1	205

* Nominal Cylinder Capacity in ton - see kN values for actual capacity

† Tilt saddle supplied as standard

Did you know...

Durapac offer power units suitable for operating high tonnage cylinders. Models available include split flow synchronised and high flow single speed up to 8.1 Lpm at 700 bar.



I Top to Return Port (mm)	J Standard Saddle Diameter (mm)	K Saddle Protrusion from Piston Rod (mm)	L Depth of Piston Rod Hole (mm)	Base Mounting Holes			Weight (kg)	Optional Tilt Saddle			Model Number	Handle Type
				U Bolt Circle Diameter (mm)	V Thread	Z Thread Depth (mm)		Model Number	J1 Diameter (mm)	**K1 Height (mm)		
56	113	1	24	165	M12x1.75	22	55.0	TSG-200	113	59	RDHG-2002	◆
56	113	1	24	165	M12x1.75	22	91.0	TSG-200	113	59	RDHG-2006	◆
56	113	1	24	165	M12x1.75	22	146.0	TSG-200	113	59	RDHG-20012	◆
78	145	1	24	190	M12x1.75	22	89.0	TSG-250	145	70	RDHG-2502	◆
78	145	1	24	190	M12x1.75	22	136.0	TSG-250	145	70	RDHG-2506	◆
78	145	1	24	190	M12x1.75	22	207.0	TSG-250	145	70	RDHG-25012	◆
75	177	1	19	180	M16x2	36	184.0	TSG-300	177	81	RDHG-3002	◆
75	177	1	19	180	M16x2	36	232.0	TSG-300	177	81	RDHG-3006	◆
75	177	1	19	180	M16x2	36	303.0	TSG-300	177	81	RDHG-30012	◆
105	196	3	27	205	M16x2	36	270.0	TSG-400	196	78	RDHG-4002	◆
105	196	3	27	205	M16x2	36	330.0	TSG-400	196	78	RDHG-4006	◆
105	196	3	27	205	M16x2	36	421.0	TSG-400	196	78	RDHG-40012	◆
135	228	3	27	250	M24x3	38	401.0	TSG-500	228	90	RDHG-5002	◆
135	228	3	27	250	M24x3	38	480.0	TSG-500	228	90	RDHG-5006	◆
135	228	3	27	250	M24x3	38	599.0	TSG-500	228	90	RDHG-50012	◆
135	247	3	27	275	M24x3	38	474.0	TSG-600	247	103	RDHG-6002	◆
135	247	3	27	275	M24x3	38	565.0	TSG-600	247	103	RDHG-6006	◆
135	247	3	27	275	M24x3	38	701.0	TSG-600	247	103	RDHG-60012	◆
135	297	3	27	330	M24x3	38	741.0	TSG-800	297	102	RDHG-8002	◆
135	297	3	27	330	M24x3	38	868.0	TSG-800	297	102	RDHG-8006	◆
135	297	3	27	330	M24x3	38	1,058.0	TSG-800	297	102	RDHG-80012	◆
170	323	3	27	375	M24x3	38	1,062.0	TSG-1000 [†]	323	120	RDHG-10002	◆
170	323	3	27	375	M24x3	38	1,213.0	TSG-1000 [†]	323	120	RDHG-10006	◆
170	323	3	27	375	M24x3	38	1,439.0	TSG-1000 [†]	323	120	RDHG-100012	◆
170	-	-	-	400	M24x3	30	2,179.0	TSG-1600 [†]	385	125	RDHG-16006	◆

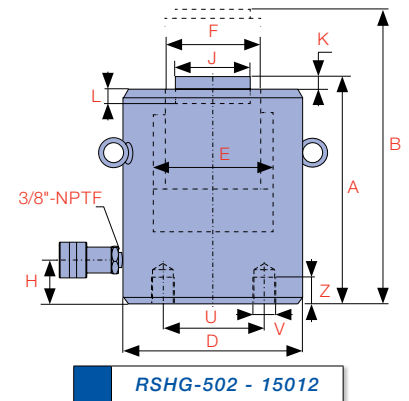
HANDLE TYPES: ♠ WELDED ◆ EYEBOLT ♥ REMOVABLE STRAP HANDLE ♣ THREAD

** Total cylinder collapsed height with optional tilt saddle equals (dim.A - dim.K + dim.K1) † Tilt saddle supplied as standard



THE **RSHG-SERIES** IS A SINGLE ACTING LOAD RETURN HIGH TONNAGE CYLINDER RANGE UP TO 1,000 TON CAPACITY.

These cylinders feature a hard chrome cylinder bore and piston rod for maximum corrosion resistance and bronze overlay piston bearing area to resist side load induced damage. They are ideally suited for use in civil construction, heavy jacking and other high load applications. A built in stop ring ensures maximum performance and safety. Interchangeable hardened grooved saddles are standard and TSG tilt saddles are optional. All cylinders in this range have base mounting holes plus top and side mounted eye bolts for lifting and positioning.



Model Number	Cylinder Capacity ton* / kN	Stroke (mm)	Cylinder Effective Area (cm ²)	Oil Capacity (cm ³)	A Collapsed Height (mm)	B Extended Height (mm)	D Outside Diameter (mm)	E Cylinder Bore Diameter (mm)	F Piston Rod Diameter (mm)	H Base to Advance Port (mm)	
RSHG-502	50	539	50	77.0	385	162	212	130	99.0	70.1	52
RSHG-504		539	100	77.0	769	212	312	130	99.0	70.1	52
RSHG-506		539	150	77.0	1,154	262	412	130	99.0	70.1	52
RSHG-508		539	200	77.0	1,539	312	512	130	99.0	70.1	52
RSHG-5010		539	250	77.0	1,923	363	613	130	99.0	70.1	52
RSHG-5012		539	300	77.0	2,308	412	712	130	99.0	70.1	52
RSHG-1002	100	929	50	132.7	663	182	232	165	130.0	95.0	54
RSHG-1004		929	100	132.7	1,327	232	332	165	130.0	95.0	54
RSHG-1006		929	150	132.7	1,990	282	432	165	130.0	95.0	54
RSHG-1008		929	200	132.7	2,653	332	532	165	130.0	95.0	54
RSHG-10010		929	250	132.7	3,317	382	632	165	130.0	95.0	54
RSHG-10012		929	300	132.7	3,980	432	732	165	130.0	95.0	54
RSHG-1502	150	1,390	50	198.6	992	196	246	205	159.0	114.1	61
RSHG-1504		1,390	100	198.6	1,985	246	346	205	159.0	114.1	61
RSHG-1506		1,390	150	198.6	2,977	296	446	205	159.0	114.1	61
RSHG-1508		1,390	200	198.6	3,969	346	546	205	159.0	114.1	61
RSHG-15010		1,390	250	198.6	4,961	396	646	205	159.0	114.1	61
RSHG-15012		1,390	300	198.6	5,954	446	746	205	159.0	114.1	61

* Nominal Cylinder Capacity in ton - see kN values for actual capacity

PISTON ROD WIPER

reduces contaminants

HARD CHROME PLATED BORE

for maximum corrosion resistance and cylinder life

HARD CHROME PLATED PISTON ROD

for maximum corrosion resistance and cylinder life

BRONZE OVERLAY

on the piston bearing area reduces side load induced damage and extends cylinder life

BASE MOUNTING

holes on all models

HARDENED GROOVED SADDLE

to prevent piston rod damage. Optional tilt saddles available

STOP RING

withstands full dead end loading

POWDER COATED FINISH

enhances appearance and reduces corrosion

PARKER

industry standard high flow coupling for compatibility



CAPACITY

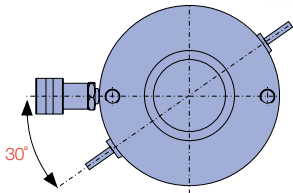
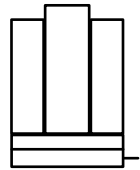
50 - 1,000 ton

STROKE

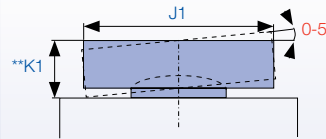
50 - 300 mm

MAXIMUM OPERATING PRESSURE

700 bar



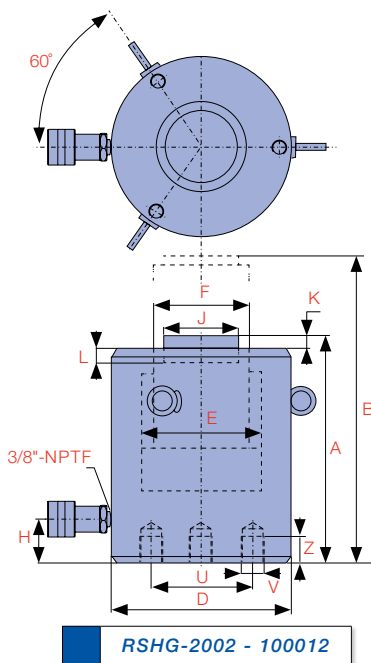
RSHG-502 - 15012



J Standard Saddle Diameter (mm)	K Saddle Protrusion from Piston Rod (mm)	L Depth of Piston Rod Hole (mm)	Base Mounting Holes			Weight (kg)	Optional Tilt Saddle			Model Number	Handle Type
			U Bolt Circle Diameter (mm)	V Thread	Z Thread Depth (mm)		Model Number	J1 Diameter (mm)	**K1 Height (mm)		
50	1	19	65	M12x1.75	22	17.0	TSG-50	50	43	RSHG-502	◆
50	1	19	65	M12x1.75	22	20.0	TSG-50	50	43	RSHG-504	◆
50	1	19	65	M12x1.75	22	23.0	TSG-50	50	43	RSHG-506	◆
50	1	19	65	M12x1.75	22	27.0	TSG-50	50	43	RSHG-508	◆
50	1	19	65	M12x1.75	22	31.0	TSG-50	50	43	RSHG-5010	◆
50	1	19	65	M12x1.75	22	34.0	TSG-50	50	43	RSHG-5012	◆
75	1	19	95	M12x1.75	22	19.0	TSG-100	75	48	RSHG-1002	◆
75	1	19	95	M12x1.75	22	29.0	TSG-100	75	48	RSHG-1004	◆
75	1	19	95	M12x1.75	22	40.0	TSG-100	75	48	RSHG-1006	◆
75	1	19	95	M12x1.75	22	50.0	TSG-100	75	48	RSHG-1008	◆
75	1	19	95	M12x1.75	22	61.0	TSG-100	75	48	RSHG-10010	◆
75	1	19	95	M12x1.75	22	71.0	TSG-100	75	48	RSHG-10012	◆
94	1	19	130	M12x1.75	22	39.0	TSG-150	94	50	RSHG-1502	◆
94	1	19	130	M12x1.75	22	52.0	TSG-150	94	50	RSHG-1504	◆
94	1	19	130	M12x1.75	22	65.0	TSG-150	94	50	RSHG-1506	◆
94	1	19	130	M12x1.75	22	78.0	TSG-150	94	50	RSHG-1508	◆
94	1	19	130	M12x1.75	22	92.0	TSG-150	94	50	RSHG-15010	◆
94	1	19	130	M12x1.75	22	105.0	TSG-150	94	50	RSHG-15012	◆

HANDLE TYPES: ♠ WELDED ◆ EYEBOLT ♥ REMOVABLE STRAP HANDLE ♣ THREAD

** Total cylinder collapsed height with optional tilt saddle equals (dim.A - dim.K + dim.K1)



Did you know...

Durapac offer power units suitable for operating high tonnage cylinders. Models available include split flow synchronised and high flow single speed up to 8.1 Lpm at 700 bar.



Model Number	Cylinder Capacity ton* / kN	Stroke (mm)	Cylinder Effective Area (cm ²)	Oil Capacity (cm ³)	A Collapsed Height (mm)	B Extended Height (mm)	D Outside Diameter (mm)	E Cylinder Bore Diameter (mm)	F Piston Rod Diameter (mm)	H Base to Advance Port (mm)	
RSHG-2002	200	1,861	50	265.9	1,329	216	266	235	184.0	133.1	67
RSHG-2006		1,861	150	265.9	3,987	316	466	235	184.0	133.1	67
RSHG-20012		1,861	300	265.9	7,973	466	766	235	184.0	133.1	67
RSHG-2502	250	2,565	50	366.4	1,831	235	285	275	216.0	165.1	73
RSHG-2506		2,565	150	366.4	5,494	335	485	275	216.0	165.1	73
RSHG-25012		2,565	300	366.4	10,987	485	785	275	216.0	165.1	73
RSHG-3002	300	3,193	50	456.2	2,280	312	362	310	241.0	197.1	101
RSHG-3006		3,193	150	456.2	6,839	412	562	310	241.0	197.1	101
RSHG-30012		3,193	300	456.2	13,678	562	862	310	241.0	197.1	101
RSHG-4002	400	3,919	50	559.9	2,798	375	425	350	267.0	215.9	114
RSHG-4006		3,919	150	559.9	8,394	475	625	350	267.0	215.9	114
RSHG-40012		3,919	300	559.9	16,789	625	925	350	267.0	215.9	114
RSHG-5002	500	5,114	50	730.6	3,651	419	469	400	305.0	247.9	114
RSHG-5006		5,114	150	730.6	10,954	519	669	400	305.0	247.9	114
RSHG-50012		5,114	300	730.6	21,907	669	969	400	305.0	247.9	114
RSHG-6002	600	5,987	50	855.3	4,274	429	479	430	330.0	267.0	114
RSHG-6006		5,987	150	855.3	12,823	529	679	430	330.0	267.0	114
RSHG-60012		5,987	300	855.3	25,646	679	979	430	330.0	267.0	114
RSHG-8002	800	8,234	50	1,176.3	5,878	474	524	505	387.0	317.0	149
RSHG-8006		8,234	150	1,176.3	17,635	574	724	505	387.0	317.0	149
RSHG-80012		8,234	300	1,176.3	35,271	724	1,024	505	387.0	317.0	149
RSHG-10002	1,000 [†]	10,260	50	1,465.7	7,325	564	614	560	432.0	342.9	174
RSHG-10006		10,260	150	1,465.7	21,975	664	814	560	432.0	342.9	174
RSHG-100012		10,260	300	1,465.7	43,950	814	1,114	560	432.0	342.9	174

* Nominal Cylinder Capacity in ton - see kN values for actual capacity

[†] Tilt saddle supplied as standard

Did you know...

Low collapsed height *RSH-Series* cylinders are available.



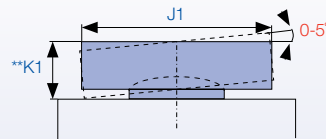
CAUTION...

Mounting Hole Orientation
Top mounting hole

orientation is maintained to port location.

Base mounting hole

orientation is **not** maintained to port location.



J Standard Saddle Diameter (mm)	K Saddle Protrusion from Piston Rod (mm)	L Depth of Piston Rod Hole (mm)	Base Mounting Holes			Weight (kg)	Optional Tilt Saddle			Model Number	Handle Type
			U Bolt Circle Diameter (mm)	V Thread	Z Thread Depth (mm)		Model Number	J1 Diameter (mm)	**K1 Height (mm)		
113	1	24	165	M12x1.75	22	55.0	TSG-200	113	59	RSHG-2002	◆
113	1	24	165	M12x1.75	22	91.0	TSG-200	113	59	RSHG-2006	◆
113	1	24	165	M12x1.75	22	146.0	TSG-200	113	59	RSHG-20012	◆
145	1	24	190	M12x1.75	22	102.0	TSG-250	145	70	RSHG-2502	◆
145	1	24	190	M12x1.75	22	136.0	TSG-250	145	70	RSHG-2506	◆
145	1	24	190	M12x1.75	22	207.0	TSG-250	145	70	RSHG-25012	◆
177	1	19	180	M16x2	30	184.0	TSG-300	177	81	RSHG-3002	◆
177	1	19	180	M16x2	30	232.0	TSG-300	177	81	RSHG-3006	◆
177	1	19	180	M16x2	30	303.0	TSG-300	177	81	RSHG-30012	◆
196	3	27	205	M16x2	30	270.0	TSG-400	196	78	RSHG-4002	◆
196	3	27	205	M16x2	36	330.0	TSG-400	196	78	RSHG-4006	◆
196	3	27	205	M16x2	36	421.0	TSG-400	196	78	RSHG-40012	◆
228	3	27	250	M24x3	38	401.0	TSG-500	228	90	RSHG-5002	◆
228	3	27	250	M24x3	38	480.0	TSG-500	228	90	RSHG-5006	◆
228	3	27	250	M24x3	38	599.0	TSG-500	228	90	RSHG-50012	◆
247	3	27	275	M24x3	38	474.0	TSG-600	247	103	RSHG-6002	◆
247	3	27	275	M24x3	38	565.0	TSG-600	247	103	RSHG-6006	◆
247	3	27	275	M24x3	38	701.0	TSG-600	247	103	RSHG-60012	◆
297	3	27	330	M24x3	38	741.0	TSG-800	297	102	RSHG-8002	◆
297	3	27	330	M24x3	38	880.0	TSG-800	297	102	RSHG-8006	◆
297	3	27	330	M24x3	38	1,058.0	TSG-800	297	102	RSHG-80012	◆
323	3	27	375	M24x3	38	1,062.0	TSG-1000 [†]	323	120	RSHG-10002	◆
323	3	27	375	M24x3	38	1,213.0	TSG-1000 [†]	323	120	RSHG-10006	◆
323	3	27	375	M24x3	38	1,439.0	TSG-1000 [†]	323	120	RSHG-100012	◆

HANDLE TYPES: ♠ WELDED ◆ EYEBOLT ♥ REMOVABLE STRAP HANDLE ♣ THREAD

** Total cylinder collapsed height with optional tilt saddle equals (dim.A - dim.K + dim.K1) [†] Tilt saddle supplied as standard

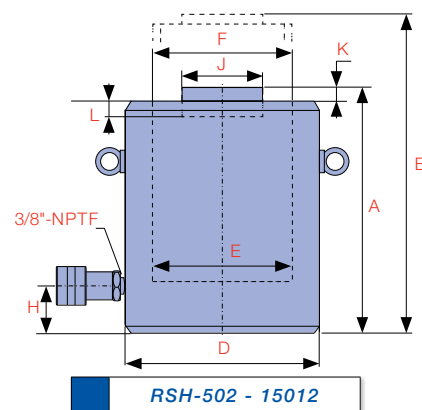
B

CYLINDERS



THE RSH-SERIES IS A SINGLE ACTING LOAD RETURN HIGH TONNAGE CYLINDER OFFERING THE LOWEST COLLAPSED HEIGHT.

They are ideally suited for use in civil construction, heavy jacking and other high load applications in confined spaces. These cylinders feature a hard chrome cylinder bore and piston rod for maximum corrosion resistance and bronze overlay piston bearing area to resist side load induced damage. Removable grooved saddle and oil overflow port which restricts piston stroke are standard on all models. TSX tilt saddles are optional. All cylinders in this range have side mounted eye bolts for lifting and positioning.



Model Number	Cylinder Capacity ton* / kN	Stroke (mm)	Cylinder Effective Area (cm ²)	Oil Capacity (cm ³)	A Collapsed Height (mm)	B Extended Height (mm)	D Outside Diameter (mm)	E Cylinder Bore Diameter (mm)	F Piston Rod Diameter (mm)
RSH-502	50	496	50	70.8	354	128	178	125	95.0
RSH-504		496	100	70.8	708	178	278	125	95.0
RSH-506		496	150	70.8	1,063	228	378	125	95.0
RSH-508		496	200	70.8	1,417	278	478	125	95.0
RSH-5010		496	250	70.8	1,771	327	577	125	95.0
RSH-5012		496	300	70.8	2,125	378	678	125	95.0
RSH-1002	100	929	50	132.7	663	143	193	165	130.0
RSH-1004		929	100	132.7	1,327	193	293	165	130.0
RSH-1006		929	150	132.7	1,990	243	393	165	130.0
RSH-1008		929	200	132.7	2,653	293	493	165	130.0
RSH-10010		929	250	132.7	3,317	343	593	165	130.0
RSH-10012		929	300	132.7	3,980	392	692	165	130.0
RSH-1502	150	1,390	50	198.5	992	165	215	205	159.0
RSH-1504		1,390	100	198.5	1,985	215	315	205	159.0
RSH-1506		1,390	150	198.5	2,977	265	415	205	159.0
RSH-1508		1,390	200	198.5	3,969	315	515	205	159.0
RSH-15010		1,390	250	198.5	4,961	365	615	205	159.0
RSH-15012		1,390	300	198.5	5,954	414	714	205	159.0

* Nominal Cylinder Capacity in ton - see kN values for actual capacity

HARDENED GROOVED SADDLE

to prevent piston rod damage. Optional tilt saddles available

HARD CHROME PLATED PISTON ROD

for maximum corrosion resistance and cylinder life

BRONZE OVERLAY

on the piston bearing area reduces side load induced damage and extends cylinder life

PISTON ROD WIPER

reduces contaminants

OVERFLOW PORT

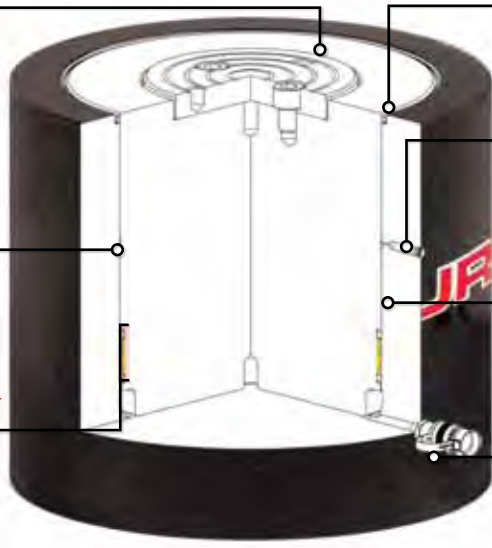
serves as a maximum stroke limiter

HARD CHROME PLATED BORE

for maximum corrosion resistance and cylinder life

PARKER

industry standard high flow coupling for compatibility



CAPACITY

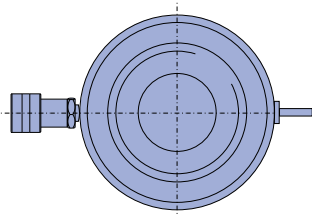
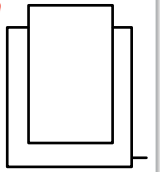
50 - 1,000 ton

STROKE

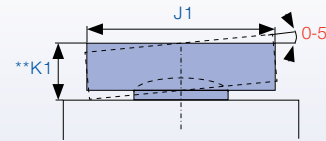
50 - 300 mm

MAXIMUM OPERATING PRESSURE

700 bar



RSH-502 - 15012

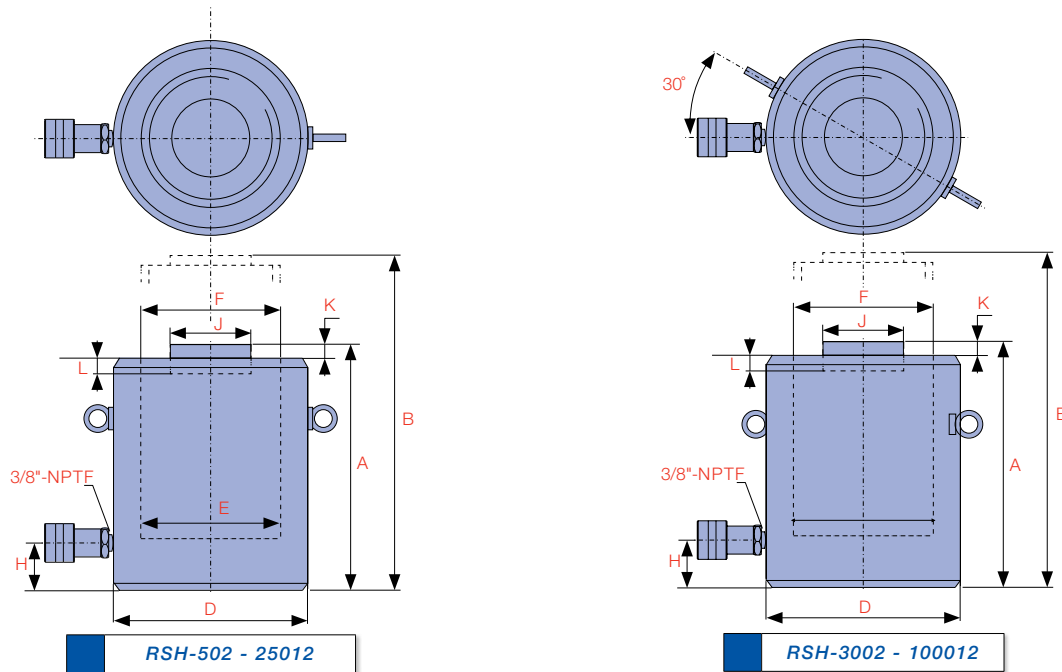


H Base to Advance Port (mm)	J Standard Saddle Diameter (mm)	K Saddle Protrusion from Piston Rod (mm)	L Depth of Piston Rod Hole (mm)	Weight (kg)	Optional Tilt Saddle			Model Number	Handle Type
					Model Number	J1 Diameter (mm)	**K1 Height (mm)		
30	71	2	13	14.0	TSX-100	71	24	RSH-502	◆
30	71	2	13	18.0	TSX-100	71	24	RSH-504	◆
30	71	2	13	23.0	TSX-100	71	24	RSH-506	◆
30	71	2	13	28.0	TSX-100	71	24	RSH-508	◆
30	71	2	13	33.0	TSX-100	71	24	RSH-5010	◆
30	71	2	13	38.0	TSX-100	71	24	RSH-5012	◆
30	71	2	13	24.0	TSX-100	71	24	RSH-1002	◆
30	71	2	13	32.0	TSX-100	71	24	RSH-1004	◆
30	71	2	13	40.0	TSX-100	71	24	RSH-1006	◆
30	71	2	13	49.0	TSX-100	71	24	RSH-1008	◆
30	71	2	13	58.0	TSX-100	71	24	RSH-10010	◆
30	71	2	13	66.0	TSX-100	71	24	RSH-10012	◆
39	130	2	25	43.0	TSX-200	130	20	RSH-1502	◆
39	130	2	25	55.0	TSX-200	130	20	RSH-1504	◆
39	130	2	25	69.0	TSX-200	130	20	RSH-1506	◆
39	130	2	25	82.0	TSX-200	130	20	RSH-1508	◆
39	130	2	25	95.0	TSX-200	130	20	RSH-15010	◆
39	130	2	25	108.0	TSX-200	130	20	RSH-15012	◆

HANDLE TYPES: ♣ WELDED ◆ EYEBOLT ♥ REMOVABLE STRAP HANDLE ♠ THREAD

** Total cylinder collapsed height with optional tilt saddle equals (dim.A - dim.K + dim.K1)

B
CYLINDERS

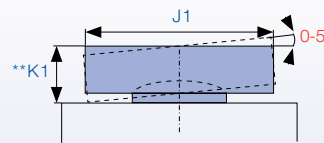


Model Number	Cylinder Capacity ton* / kN	Stroke (mm)	Cylinder Effective Area (cm ²)	Oil Capacity (cm ³)	A Collapsed Height (mm)	B Extended Height (mm)	D Outside Diameter (mm)	E Cylinder Bore Diameter (mm)	F Piston Rod Diameter (mm)
RSH-2002	200	1,859	50	265.5	1,327	193	243	235	183.9
RSH-2006		1,859	150	265.5	3,982	293	443	235	183.9
RSH-20012		1,859	300	265.5	7,964	443	743	235	183.9
RSH-2502	250	2,562	50	365.9	1,830	193	243	275	215.9
RSH-2506		2,562	150	365.9	5,489	293	443	275	215.9
RSH-25012		2,562	300	365.9	10,977	443	743	275	215.9
RSH-3002	300	3,193	50	455.9	2,280	235	285	310	241.0
RSH-3006		3,193	150	455.9	6,839	335	485	310	241.0
RSH-30012		3,193	300	455.9	13,678	485	785	310	241.0
RSH-4002	400	3,919	50	559.6	2,798	265	315	350	267.0
RSH-4006		3,919	150	559.6	8,394	365	515	350	267.0
RSH-40012		3,919	300	559.6	16,789	515	815	350	267.0
RSH-5002	500	5,118	50	730.7	3,654	295	345	400	305.1
RSH-5006		5,118	150	730.7	10,961	395	545	400	305.1
RSH-50012		5,118	300	730.7	21,922	545	845	400	305.1
RSH-6002	600	5,983	50	854.3	4,272	310	360	430	329.9
RSH-6006		5,983	150	854.3	12,815	410	560	430	329.9
RSH-60012		5,983	300	854.3	25,630	560	860	430	329.9
RSH-8002	800	8,238	50	1,176.3	5,881	355	405	505	387.1
RSH-8006		8,238	150	1,176.3	17,644	455	605	505	387.1
RSH-80012		8,238	300	1,176.3	35,289	605	905	505	387.1
RSH-10002	1,000	10,260	50	1,465.7	7,329	385	435	560	432.1
RSH-10006		10,260	150	1,465.7	21,985	485	635	560	432.1
RSH-100012		10,260	300	1,465.7	43,970	635	935	560	432.1

* Nominal Cylinder Capacity in ton - see kN values for actual capacity

Did you know...

RPLC-Series low height locking collar cylinders offer extremely low collapsed height and the ability to **mechanically support a load**.



H Base to Advance Port (mm)	J Standard Saddle Diameter (mm)	K Saddle Protrusion from Piston Rod (mm)	L Depth of Piston Rod Hole (mm)	Weight (kg)	Optional Tilt Saddle			Model Number	Handle Type
					Model Number	J1 Diameter (mm)	**K1 Height (mm)		
50	130	2	25	66	TSX-200	130	20	RSH-2002	◆
50	130	2	25	101	TSX-200	130	20	RSH-2006	◆
50	130	2	25	154	TSX-200	130	20	RSH-20012	◆
50	150	2	25	90	TSX-250	150	21	RSH-2502	◆
50	150	2	25	137	TSX-250	150	21	RSH-2506	◆
50	150	2	25	208	TSX-250	150	21	RSH-25012	◆
59	139	5	25	137	TSX-300	195	75	RSH-3002	◆
59	139	5	25	198	TSX-300	195	75	RSH-3006	◆
59	139	5	25	288	TSX-300	195	75	RSH-30012	◆
70	159	5	25	200	TSX-400	225	85	RSH-4002	◆
70	159	5	25	275	TSX-400	225	85	RSH-4006	◆
70	159	5	25	390	TSX-400	225	85	RSH-40012	◆
80	179	5	25	289	TSX-500	250	91	RSH-5002	◆
80	179	5	25	390	TSX-500	250	91	RSH-5006	◆
80	179	5	25	540	TSX-500	250	91	RSH-50012	◆
85	194	5	25	350	TSX-600	275	96	RSH-6002	◆
85	194	5	25	465	TSX-600	275	96	RSH-6006	◆
85	194	5	25	640	TSX-600	275	96	RSH-60012	◆
100	224	5	25	549	TSX-800	320	123	RSH-8002	◆
100	224	5	25	709	TSX-800	320	123	RSH-8006	◆
100	224	5	25	950	TSX-800	320	123	RSH-80012	◆
110	249	5	25	729	TSX-1000	360	136	RSH-10002	◆
110	249	5	25	921	TSX-1000	360	136	RSH-10006	◆
110	249	5	25	1,210	TSX-1000	360	136	RSH-100012	◆

HANDLE TYPES: ♠ WELDED ◆ EYEBOLT ♥ REMOVABLE STRAP HANDLE ♣ THREAD

** Total cylinder collapsed height with optional tilt saddle equals (dim.A - dim.K + dim.K1)

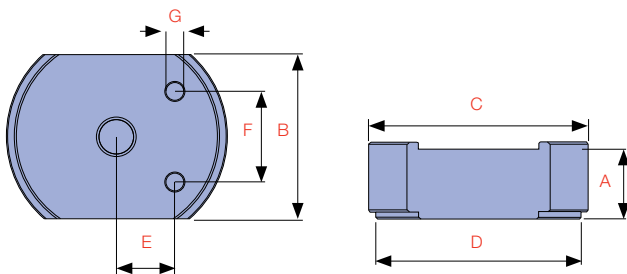
CYLINDER **STACK PLATE KITS** ARE AN EFFECTIVE ECONOMICAL SOLUTION WHERE AN EXTRA INCREASE IN CLOSED HEIGHT IS DESIRABLE.

They are designed for use with the RFJ-Series flat cylinders and incorporate a magnet to attach to the cylinder. All kits include an RFJ cylinder and carry case.



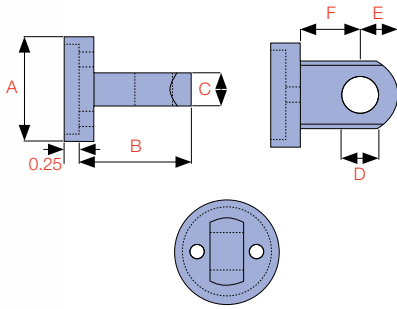
Did you know...

Durapac offers a range of lightweight hand pumps, the perfect choice when portable manual power is desirable.



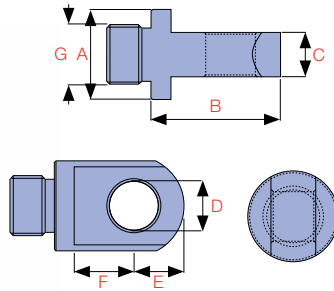
Kit Model No.	Includes Cylinder Model	STD Cylinder Height (mm)	Dimensions (mm)										Kit Weight (kg)
			A Stack plate height				B	C	D	E	F	G	
			1	2	3	4							
CSK-5	RFJ-50	32	3.4	12.7	25.4	31.8	41.4	64.7	58.7	13.6	28.5	5.1	2.4
CSK-10	RFJ-100	43	9.9	20.0	39.9	-	55.6	90.6	82.6	20.5	36.6	7.1	3.8
CSK-20	RFJ-200	51	9.9	20.0	39.9	-	76.2	109.6	101.6	28.4	49.3	10.1	7.0
CSK-30	RFJ-300	58	9.9	20.0	39.9	-	95.3	125.6	117.6	33.4	52.3	10.1	10.1

BASE CLEAVES



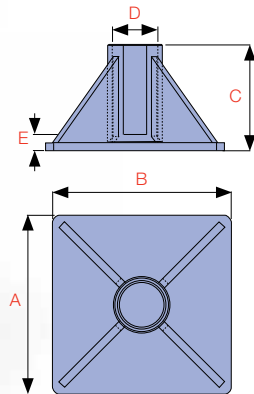
Model No.	Cylinder Capacity (ton)	Dimensions (mm)					
		A	B	C	D	E	F
CBC-5	5	44	47	14	16	16	25
CBC-10	10	63	66	25	22	25	35
CBC-15	15	76	66	25	22	25	35
CBC-25	25	95	79	38	31	31	41

PISTON ROD CLEAVES



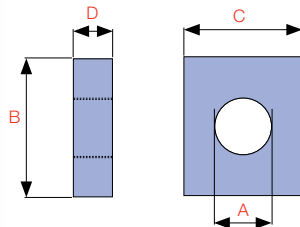
Model No.	Cylinder Capacity (ton)	Dimensions (mm)						
		A	B	C	D	E	F	G
CPC-5	5	28	41	14	16	16	19	3/4"-16UNF
CPC-1015	10/15	42	61	25	22	25	28	1"-8UNC
CPC-25	25	57	74	38	31	31	35	1 1/2"-16UN

CYLINDER JACKING BASES



Model No.	Cylinder Capacity (ton)	Dimensions (mm)				
		A	B	C	D	E
CB-10	10	228	228	135	58	20
CB-25	25	279	279	140	86	26
CB-50	50	300	300	100	130	41

MOUNTING BLOCKS



Model No.	Cylinder Capacity (ton)	Dimensions (mm)			
		A	B	C	D
CMB-5	5	1 1/2"-16UN	88	76	25
CMB-10	10	2 1/4"-14UN	114	88	25
CMB-15	15	2 3/4"-16UN	101	114	38
CMB-25	25	3 5/16"-12UN	127	165	50

BASE ATTACHMENT

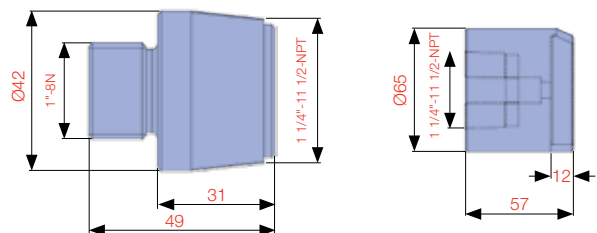


ZAM1245

THREAD ADAPTOR



ZAM1246



ZAM1245 and ZAM1246 allows Durapac RG 10 ton series cylinders (excluding RG-101) to be used with CRK-10 attachments.