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.

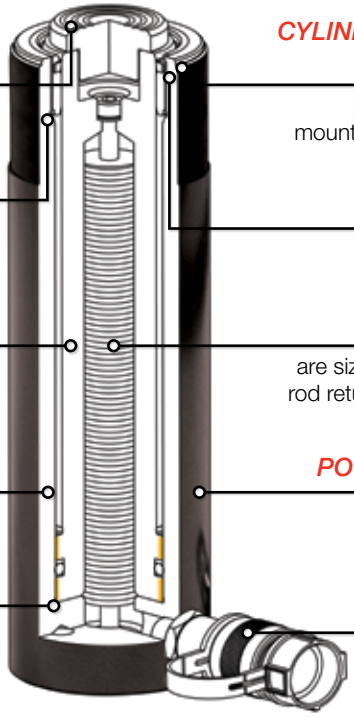
HARDENED GROOVED SADDLE
to prevent piston rod damage. Optional tilt saddles available

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

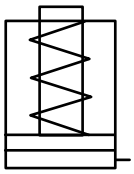
POWDER COATED FINISH
enhances appearance and reduces corrosion

PARKER
industry standard high flow coupling for compatibility

CAPACITY
5 - 100 ton

STROKE
16 - 362 mm

MAXIMUM OPERATING PRESSURE
700 bar

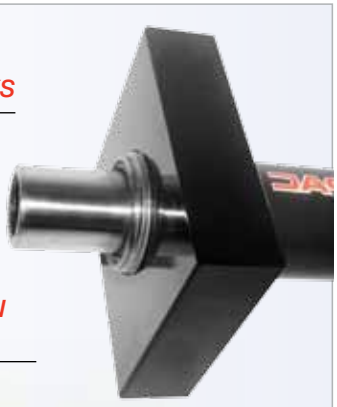


Did you know...

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

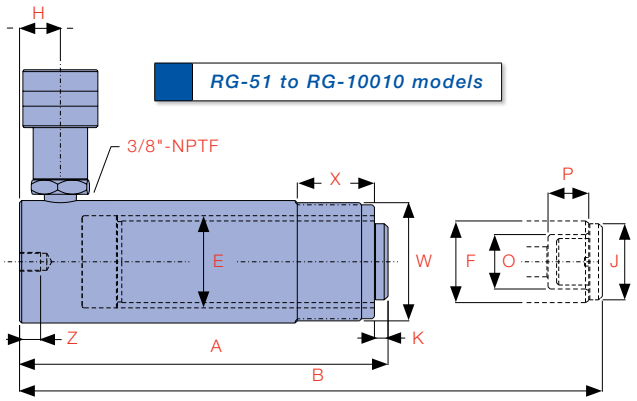
26 POINT TANK JACKING SYSTEM

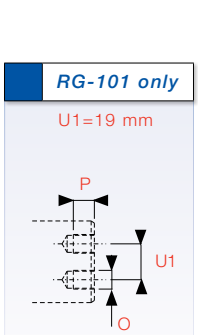
MOUNTING BLOCKS

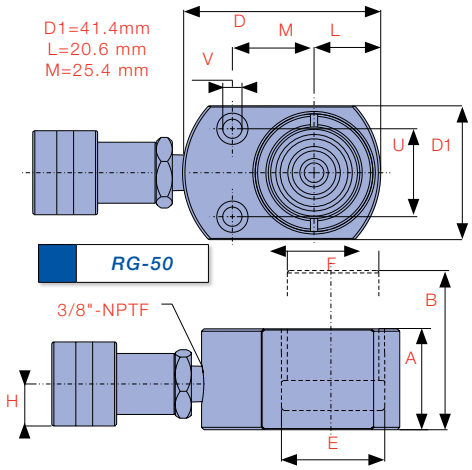


BASE AND PISTON CLEVISES

JACKING BASES





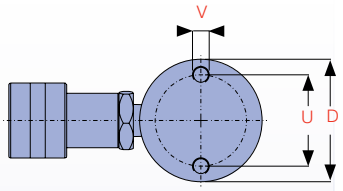


Model Number	Cylinder Capacity ton* / kN	Stroke (mm)	Cylinder Effective Area (cm^2)	Oil Capacity (cm^3)	A Collapsed Height (mm)	B Extended Height (mm)	D Outside Diameter (mm)	E Cylinder Bore Diameter (mm)	F Piston Rod Diameter (mm)	H Base to Advance Port (mm)	J Standard Saddle Diameter (mm)	K Saddle Protrusion from Piston Rod (mm)
RG-50	5 45	16	6.5	10	41	57	58	28.7	25.4	19	**	**
RG-51	5 45	25	6.5	16	110	135	38	28.7	25.4	19	25	6
RG-53	5 45	76	6.5	49	165	241	38	28.7	25.4	19	25	6
RG-55	5 45	127	6.5	82	215	342	38	28.7	25.4	19	25	6
RG-57	5 45	177	6.5	114	273	450	38	28.7	25.4	19	25	6
RG-59	5 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	10 101	54	14.5	78	121	175	57	42.9	38.1	19	35	6
RG-104	10 101	105	14.5	152	171	276	57	42.9	38.1	19	35	6
RG-106	10 101	156	14.5	226	247	403	57	42.9	38.1	19	35	6
RG-108	10 101	203	14.5	294	298	501	57	42.9	38.1	19	35	6
RG-1010	10 101	257	14.5	372	349	606	57	42.9	38.1	19	35	6
RG-1012	10 101	304	14.5	440	400	704	57	42.9	38.1	19	35	6
RG-1014	10 101	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	15 142	51	20.3	103	149	200	69	50.8	41.4	19	38	9
RG-154	15 142	101	20.3	205	200	301	69	50.8	41.4	19	38	9
RG-156	15 142	152	20.3	308	271	423	69	50.8	41.4	25	38	9
RG-158	15 142	203	20.3	411	322	525	69	50.8	41.4	25	38	9
RG-1510	15 142	254	20.3	515	373	627	69	50.8	41.4	25	38	9
RG-1512	15 142	305	20.3	618	423	728	69	50.8	41.4	25	38	9
RG-1514	15 142	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	25 232	50	33.2	166	165	215	85	65.0	57.2	25	50	10
RG-254	25 232	102	33.2	339	215	317	85	65.0	57.2	25	50	10
RG-256	25 232	158	33.2	524	273	431	85	65.0	57.2	25	50	10
RG-258	25 232	210	33.2	697	323	533	85	65.0	57.2	25	50	10
RG-2510	25 232	261	33.2	866	374	635	85	65.0	57.2	25	50	10
RG-2512	25 232	311	33.2	1032	425	736	85	65.0	57.2	25	50	10
RG-2514	25 232	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	50 498	101	71.2	719	227	328	127	95.3	79.5	33	71	2
RG-506†	50 498	159	71.2	1,132	282	441	127	95.3	79.5	35	71	2
RG-5013	50 498	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	75 718	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	100 933	168	133.3	2,239	357	525	177	130.3	104.9	41	71	2
RG-1008	100 933	203	133.3	2,708	357	560	177	130.3	104.9	41	71	2
RG-10010	100 933	260	133.3	3,465	449	709	177	130.3	104.9	41	71	2

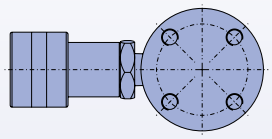
* Nominal Cylinder Capacity in ton - see kN values for actual capacity

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

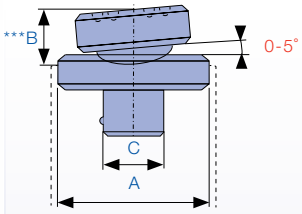
† RG-506 cylinder will not fit into jacking base without welded handle being removed



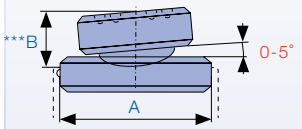
RG-51 to RG-5013 models



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)