

PANCAKE LOCKING COLLAR CYLINDERS

**RGP Series — Single acting, pancake locking collar
Ideal for heavy lifting in confined spaces**



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SAFETY AND DURABILITY FOR YOUR HEAVY LIFTING

Hydraulic Technologies brand Power Team specializes in high-pressure hydraulic technology. Through a broad range of leading-edge component parts, accessories and tools, Power Team enables the creation and upkeep of concentrated force delivery solutions that can meet any application criteria.

Pancake locking cylinders are ideal for tight quartered locations.



Power Team's RGP Series of construction pancake cylinders are ideal for applications that require lifting in tight or confined spaces, such as bridge bearings on end caps or piers. The RGP Series is available with lifting capacities from 55 – 565 Tons (60,8 – 512,6 Tonne).

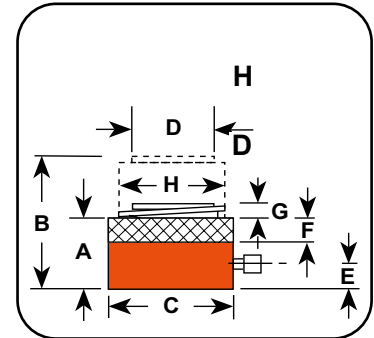
Overview

- **Mechanical locking collar** safely supports loads for an extended period of time removing the chance of a hydraulic leak down causing a load shift.
- **Patented 5 degree deep swivel cap** concentrates loads to minimize offset conditions.
- **Buttress thread design** supports locking collar strength and security along with time saving quick run-down.
- **Power-Tech nitrocarburization surface treatment** inhibits corrosion and provides exceptional durability.
- **Weep hole** provides visual indication of piston over travel.

Single Acting, Pancake Locking Collar



NOTICE: When selecting a hydraulic cylinder(s) capacity and stroke, Power Team recommends that you size to 80% of the maximum rated capacity and stroke for the application - known as the “80% Rule”. This will ensure additional safety factor and extend the product performance over time.



Tonnage (Tonne)	Stroke (MM)	Order No.	A	B	C	D	E	F	G	H	Cyl. Eff. Area (Adv.) (SQ. CM)	Oil Cap. (CU. CM)	Internal Press At Cap. (BAR)	Wt. W/O Oil (KG)
			Ret. Height (MM)	Ext. Height (MM)	Outside Dia. (MM)	Bore Dia. (MM)	Base To Port (MM)	Nut Thick. (MM)	Swvl Cap Protusion (MM)	Swvl Cap Dia. (MM)				
61	44.45	RGP672	121.41	165.86	147.32	104.78	21.84	22.23	0.69	70.61	86.22	383.23	691	15.2
100	44.45	RGP1102	132.33	176.78	177.80	136.53	22.53	28.58	1.07	98.30	146.39	650.69	669	23.7
163	44.45	RGP1802	147.83	192.28	228.60	171.45	26.67	34.93	2.51	117.60	230.86	1,026.18	694	44.1
200	44.45	RGP2202	156.72	201.17	254.00	190.50	28.19	40.64	2.46	136.40	285.01	1,266.89	687	57.7
254	44.45	RGP2802	159.26	203.71	279.40	215.90	30.48	41.91	2.44	141.22	366.09	1,627.25	680	70.4
390	44.45	RGP4302	177.80	222.25	355.60	266.70	39.37	47.63	2.64	169.16	558.63	2,483.10	685	128.1
513	44.45	RGP5652	193.04	237.49	406.40	304.80	46.74	53.34	6.30	197.36	729.64	3,243.24	689	180.8

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