Model shown:

RH203, RH503

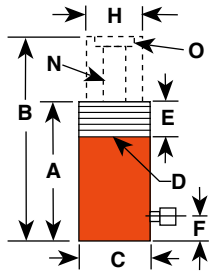


Features

IDEAL FOR CABLE PULLING AND TENSIONING, ANCHOR BOLTS, FORCING SCREWS, ETC.

- Cylinder body, piston and gland nut "Power-Tech" treated for corrosion and abrasion resistance.
- Most models feature threaded collar, excludes the RH203 and RHA306 models.
- All cylinders are furnished with a 9796 3/8" NPT female half coupler, except the RH120.
- Aluminum cylinder body and piston are featured on the RHA306 cylinder.
- Complies with ANSI / ASME B30.1 safety standards.

Technical Dimensions





RH Series Cylinders are equipped with a through hole design for additional applications and uses for pulling.

Optional Piston Head Inserts



For Use With:	Threaded Insert	Order No.
RH102, RH108	3/4"–16	28632
RH203	1"–8	28612
RH302, RH306	1 1/4"–7	38904
RH303	1 1/4"–7	28644
RH503	15/8"–51/2	38855
RH603, RH605	1 5/8"–51/2	34251

Optional Cylinders Lifting Handles



Lifting handle for RH303, RH306, RH306D and RHA306
Order Number: 252215

Ordering Information

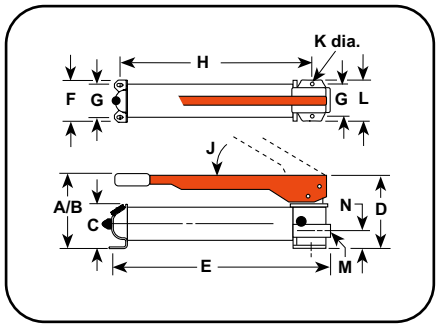
Cyl. Cap. Metric Tons (kN)*	Stroke (mm)	Order No.	Oil Cap. (cm³)	A Retracted Height (mm)	B Extended Height (mm)	C Outside Dia. (mm)	D Collar Thread*** (in.)	E Collar Thread Length (mm)	F Base to Port (mm)	H Piston Rod Dia. (mm)	N Center Hole Dia. (mm)	O Insert Thread Size (in.)	Mounting Holes and Bolt Circle (in.)	Cylinder Effective Area (cm²)	Metric Tons at 700 (bar)	Prod. Wt. (kg)
9 (98)	65,3	RH102	91	134,9	198,4	76,2	-	-	25,4	52,4	19,4	1 3/4 - 12	1/4-20 x 60,3	14,3	10,0	4,1
	203,2	RH108	290	287,3	490,5	76,2	-	-	25,4	52,4	19,4	1 3/4 - 12	1/4-20 x 60,3	14,3	10,0	8,5
10 (118)	7,9	RH120**	14	55,6	63,5	69,9	2 3/4 - 16	31,8	9,5	34,9	17,5	3/4 - 16	5/16-18 x 50,8	17,8	12,5	1,4
	41,3	RH121	74	122,2	163,5	69,9	2 3/4 - 16	31,8	25,4	34,9	20,2	-	-	17,8	12,5	3,0
	41,3	RH121T**	74	122,2	163,5	69,9	2 3/4 - 16	31,8	25,4	34,9	17,5	3/4 - 16	5/16-18 x 50,8	17,8	12,5	3,0
	76,2	RH123	136	184,2	260,4	69,9	2 3/4 - 16	20,6	25,4	34,9	20,6	-	-	17,8	12,5	4,0
18 (196)	50,8	RH202	155	155,6	206,4	98,4	3 7/8 - 12	38,1	25,4	54,0	27,4	1 9/16 - 16	3/8-16 x 82,6	30,4	21,4	7,3
	76,2	RH203	193	154,0	230,2	101,6	-	-	25,4	69,9	26,6	2 1/4 - 12	3/8-16 x 82,6	25,3	17,8	9,1
	152,4	RH206	465	308,0	460,4	98,4	3 7/8 - 12	38,1	25,4	54,0	27,4	1 9/16 - 16	3/8-16 x 82,6	30,4	21,4	13,7
27 (294)	63,5	RH302	260	158,8	222,3	120,7	4 3/4 - 12	38,1	29,4	82,6	32,9	2 3/4 - 12	7/16-20 x 92,1	40,9	28,8	11,6
	149,2	RHA306	625	283,4	432,6	130,2	-	-	31,8	82,6	32,5	2 5/8 - 8	-	40,9	28,8	9,9
	152,4	RH306	625	247,7	400,1	120,7	4 3/4 - 12	38,1	29,4	82,6	32,5	2 3/4 - 12	7/16-20 x 92,1	40,9	28,8	17,7
45 (490)	76,2	RH503	534	181,0	257,2	152,4	6 - 12	50,8	31,8	104,8	42,5	3 1/4 - 12	5/8-18 x 120,7	70,0	49,3	21,2
54 (588)	76,2	RH603*	607	235,0	311,2	158,8	6 1/4 - 12	63,5	25,4	91,3	54,0	3 - 12	1/2-13 x 130,2	79,4	55,9	27,2
	152,4	RH606*	1211	311,2	463,6	158,8	6 1/4 - 12	63,5	25,4	91,3	54,0	3 - 12	1/2-13 x 130,2	79,4	55,9	35,4
91 (981)	76,2	RH1003*	1014	254,0	330,2	212,7	-	-	31,8	127,0	79,4	4 1/8 - 12	-	133,0	93,5	52,2

* Supplied with carrying handles.
** RH120 and RH121T do not have an internal threaded insert, but do have a 3/4-16 internal thread. The RH120 inlet port is 1/4" NPTF.
*** UN Thread
Aluminum

Model Shown:

P55, P12, P23



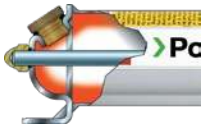


Features

STEEL HAND PUMPS BEST SUITED FOR MRO APPLICATIONS.

- All metal construction won't burn through in welding environments.
- Formed metal handle provides rigidity, and reduces operator fatigue with grip.
- Convenient fill port enables pumps to be filled in a horizontal or vertical position, excluding P12.
- Fill cap seal acts as safety valve preventing over-pressurizing of reservoir.
- Large valve knob gives added control for slowly metering loads down.

Pump Protection System



Power Team hand pumps, with the angled fill port, have a built in "relief valve" protection system. This system is designed to protect over-pressurization of the reservoir from sudden back pressure. This system also works as a seal to prevent oil leaks only fill to bottom of threads.

Foot Pump Conversion Kit



For Use With:	Kit Order No.	Wt. (kg)
P55, P59	FK59	2,7

Technical Dimensions

Order No.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	J (deg.)	K (mm)	L (mm)	M (in.)	N (mm)
P12	101,6	330,2	60,0	101,6	342,9	85,7	55,6	292,1	45°	4,8	85,7	3/8 NPTF	28,6
P19	139,7	371,5	73,0	115,9	347,7	101,6	82,6	281,0	53°	7,9	101,6	3/8 NPTF	35,7
P23*	158,8	330,2	88,9	141,3	346,1	108,0	82,6	261,6	38°	7,9	120,7	3/8 NPTF	41,3
P55	165,1	533,4	88,9	141,3	584,2	108,0	82,6	501,7	38°	7,9	120,7	3/8 NPTF	41,3
P59	177,8	533,4	88,9	127,0	584,2	108,0	82,6	501,7	38°	7,9	120,7	3/8 NPTF	41,3
P59F	88,9	425,5	88,9	152,4	590,6	108,0	82,6	514,4	—	7,9	114,3	3/8 NPTF	42,9

*The P23 pump maximum pressure is 210 bar only.

Ordering Information

For Use With	Speed	Order No.	Volume per Stroke LP (cm³)	Volume per Stroke HP (cm³)	Max. Pressure LP (bar)	Max. Pressure HP (bar)	Handle Effort (kg)	Reservoir Oil Cap. (cm³)	Reservoir Usable Oil Cap. (cm³)	Oil Port (cm)	Prod. Wt. (kg)
Single-Acting Cylinders	1	P12	—	1,1	—	700	34	197	148	3/8 NPTF	2,6
	2	P19	5,0	1,2	22	700	45	400	328	3/8 NPTF	3,0
	1	P23	—	2,6	—	210	32	390	333	3/8 NPTF	5,5
	1	P55	—	2,6	—	700	66	902	738	3/8 NPTF	7,2
	2	P59	10,9	2,6	22	700	66	902	738	3/8 NPTF	7,8
	2	P59F	9,0	2,1	22	700	55	902	738	3/8 NPTF	6,4

LP = Low Pressure - HP = High Pressure

Model Shown:

RPS1006, RPS203H





Features

PRECISION-MATCHED CYLINDER AND PUMP SET FOR WIDE RANGE OF APPLICATIONS.

- Four styles of cylinders to choose from.
- Sets feature single or two-speed hydraulic hand pumps.
- Cylinders of various tonnages with long, medium or short stroke.
- Includes necessary fittings, couplers and 1,8 m hose.

OPTIONAL: STORAGE BOX



Storage box for hydraulic cylinder and pump sets. Rugged industrial strength material, strong as steel, never needs painting, won't rust, dent or chip. Weatherproof lid is self sealing and lockable. Molded-in handles, water-tight, one piece bottom and side construction. Strong enough to stand on. Note: Actual product may differ from photo.

Order No.	Dimensions	Wt. (kg)
350722	940 mm L x 533 mm H x 508 mm W	10,4

Ordering Information

Style of Cylinder	Cyl. Cap. (tons.)	Stroke (cm)	Order No.	Retracted Height (cm)	Handle Strokes Required to Fully Extend Cylinders	Cylinder No.	Pump No.	Hose No.	Coupler No.	Pump Speed	Prod. Wt. (kg)
"C" Series	4,5	133,4	RPS55	216	75	C55C	P12	9756E	9798	Single	5,4
	9	54,0	RPS102**	121	32	C102C	P55	9756E	9798	Single	11,8
	9	155,6	RPS106**	248	93	C106C	P55	9756E	9798	Single	14,5
	9	257,2	RPS1010**	349	154	C1010C	P55	9756E	9798	Single	16,1
	14	104,8	RPS154**	200	81	C154C	P55	9756E	9798	Single	13,1
	14	155,6	RPS156**	271	118	C156C	P55	9756E	9798	Single	15,4
	23	158,8	RPS256**	273	219	C256C	P55	9756E	9798	Single	19,3
	23	362,0	RPS2514**	476	285*	C2514C	P159	9756E	9798	Two	28,4
	50	158,8	RPS556**	283	268*	C556C	P159	9756E	9798	Two	37,5
	91	168,3	RPS1006	337	428*	C1006C	P460	9756E	9798	Two	58,3
"Shorty"	24	61,9	RPS302**	117	61*	RSS302	P59	9756E	9798	Two	18,1
	45	60,3	RPS552**	127	89*	RSS502	P59	9756E	9798	Two	22,7
	91	57,2	RPS1002**	140	172*	RSS1002	P59	9756E	9798	Two	36,7
"Center-Hole"	18	76,2	RPS203H**	154	80	RH203	P55	9756E	9798	Single	18,3
Alum.	50	155,6	RPS556A**	273	262*	RA556	P159	9756E	9798	Two	21,3

* Based on 50% of the stroke being made at low-pressure and 50% of the strokes at high pressure.
** Add suffix "B" (example: RPS102B, RPS203HB, etc.) to order set with optional storage box shown above.