

Hand Pumps

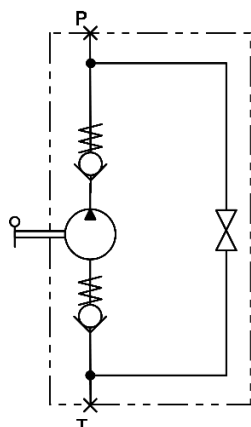
<i>Double Acting Function for Single Acting Cylinder – Tankless (Wall Mount)</i>	-----	3.02
<i>Double Acting Function for Single Acting Cylinder – Tank Mounting</i>	-----	3.03
<i>Double Acting Function for Double Acting Cylinder – Tank Mounting</i>	-----	3.04
<i>Steel Tanks</i>	-----	3.05
<i>Spare Parts</i>	-----	3.06



Double Acting Function for Single Acting Cylinder - Tankless (Wall Mount)



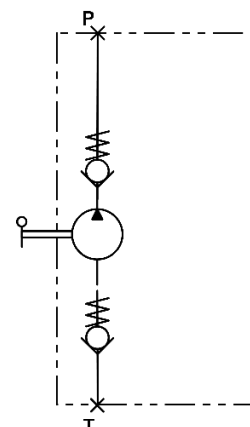
PM20S



PM20S & PM50S



PM50SE



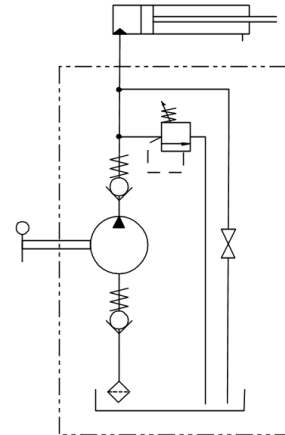
PM20SE & PM50SE

Order Code	Displacement (cm ³)	Max. Pressure (bar)	Optimum Pressure (bar)	Ports (Female)	Release Knob	List Each
PM20S	20	300	225	P = G 3/8 x 1	Yes	\$457.00
				T = G 1/2 x 1		
PM20SE	20	300	225	P = G 3/8 x 2	No	\$443.00
				T = G 1/2 x 1		
PM50S	50	280	80	P = G 1/2 x 1 (Top) G 3/8 x 1 (Side)	Yes	\$457.00
				T = G 1/2 x 1 (End)		
PM50SE	50	280	80	P = G 1/2 x 1 (Top) G 3/8 x 2 (Side)	No	\$443.00
				T = G 1/2 x 1 (End)		

Note:

- Displacement is per cycle. One cycle is extend and retract of the handle.
- All Hand Pumps are supplied with a Bellows over piston shaft and a Handle.
- PM Hand Pumps do not have a Relief Valve.

Double Acting Function for Single Acting Cylinder - Tank Mounting



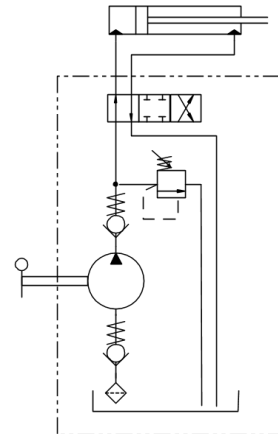
Order Code	Displacement (cm ³)	Max. Pressure (bar)	Optimum Pressure (bar)	Outlet Port	List Each
PM12SVM-Y	12	380	220	G 3/8 (Female)	\$432.00
PM25SVM-Y	25	330	120		\$432.00
PM45SVM-Y	45	280	80		\$480.00

Note:

- Displacement is per cycle. One cycle is extend and retract of the handle.
- Relief Valve factory set to Max. Pressure.
- All Hand Pumps are supplied with an Adjustable Relief Valve, Bellows over piston shaft, Handle, Cork Gasket, SHCS & Spring Washers for mounting to our tank or yours.
- Prices **do not** include a tank. They are sold separately. Refer to [Page 3.06](#).
- When using ST Tanks hand pump can only be mounted with the handle horizontal.
- Hand Pumps can be mounted to your tank with the handle vertical. Ensure you use sealed nuts or thread sealant and take care not to kink and block the Suction Tube.
- If fitting to your tank order the accessories below if required.

P/N	Description	Qty	List Each
STPR-3	Suction Strainer – G 3/8 x 44 Ø	1	\$28.00
STFT-3M-DN10	Barbed Fitting - R 3/8 (BSPT) Male x Ø 10 mm ID Suction Hose	1	\$6.00
STFT-3F-DN10	Barbed Fitting - R 3/8 (BSPT) Female x Ø 10 mm ID Suction Hose Use with P/N HPSS	1	\$6.00
HPSS	Hand Pump Suction Seal Use with P/N STFT-3F-DN10	1	\$5.00
STC-13	Hose Clamp for Ø 10 mm ID Suction Hose	2	\$4.00
STT-10	Suction Hose - Ø 10 mm ID	As Required	(per metre) \$15.00

Double Acting Function for Double Acting Cylinder - Tank Mounting



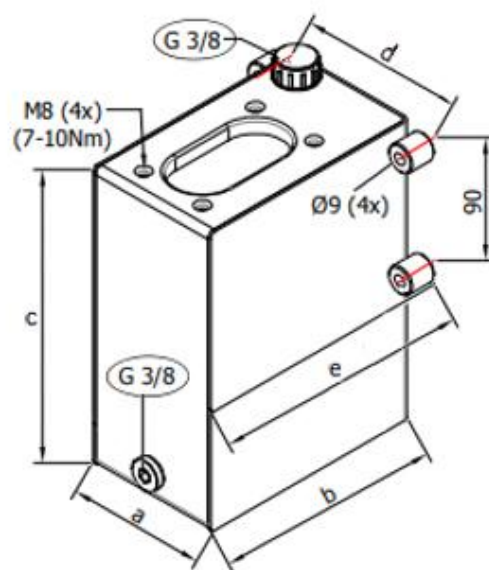
Order Code	Displacement (cm ³)	Max. Pressure (bar)	Optimum Pressure (bar)	Outlet Ports	Gauge Port	List Each
PMI12S-Y	12	380	220	G 1/4 (Female)	G 1/4 (Female)	\$452.00
PMI25S-Y	25	330	120			\$452.00
PMI45S-Y	45	280	80			\$500.00

Note:

- Displacement is per cycle. One cycle is extend and retract of the handle.
- Relief Valve factory set to Max. Pressure.
- All Hand Pumps are supplied with an Adjustable Relief Valve, Bellows over piston shaft, Handle, Cork Gasket, SHCS & Spring Washers for mounting to our tank or yours.
- Prices **do not** include a tank. They are sold separately. Refer to [Page 3.06](#).
- When using ST Tanks hand pump can only be mounted with the handle horizontal.
- Hand Pumps can be mounted to your tank with the handle vertical. Ensure you use sealed nuts or thread sealant and take care not to kink and block the Suction Tube.
- If fitting to your tank order the accessories below if required.

P/N	Description	Qty	List Each
STPR-3	Suction Strainer – G 3/8 x 44 Ø	1	\$28.00
STFT-3M-DN10	Barbed Fitting - R 3/8 (BSPT) Male x Ø 10 mm ID Suction Hose	1	\$6.00
STFT-3F-DN10	Barbed Fitting - R 3/8 (BSPT) Female x Ø 10 mm ID Suction Hose Use with P/N HPSS	1	\$6.00
HPSS	Hand Pump Suction Seal Use with P/N STFT-3F-DN10	1	\$5.00
STC-13	Hose Clamp for Ø 10 mm ID Suction Hose	2	\$4.00
STT-10	Suction Hose - Ø 10 mm ID	As Required	(per metre) \$15.00

Steel Tanks



Order Code	Usable Capacity (based on 20 mm air gap)	Dimensions				List Each
		a	b	c	d	
ST01	1 litre	100	170	120	120	\$131.00
ST02	2 litres			180		\$150.00
ST03	3 litres			220		\$161.00
ST05	5 litres	175	175	200	195	\$172.00
ST07	7 litres			290		\$222.00
ST10	10 litres			380		\$270.00
HPSA	Hand Pump Suction Adaptor – Use with ST01 & 12cc pump (No Seal Required)					\$18.00

Note:

- Tanks are 2.5 mm thick steel, welded construction and painted gloss black.
- ST01 Tanks are supplied with a Filler Breather & Suction Filter only.
When using a 12cc pump use P/N HPSA (sold separately) to connect the Suction Filter to the pump.
When using a 25cc or 45cc pump connect the Suction Filter directly to the Hand Pump.
- ST02 to ST10 Tanks are supplied with a Filler Breather, Suction Filter & Suction Hardware.
The Suction tube is cut for a 12cc pump, customer to cut shorter for 25cc & 45cc pumps.

Spare Parts



Order Code	Description	List Each
He		
HPH	Hand Pump Handle – Ø 26 mm x 600 mm LOA	\$41.00
T0113	Filler Breather with Dipstick - G 3/8	\$15.00
HPTG	Hand Pump Tank Gasket (Cork)	\$15.00
STPR-3	Suction Strainer - G 3/8 x 44 Ø	\$28.00
STFT-3M-DN10	Barbed Fitting - R 3/8 (BSPT) Male x Ø 10 mm ID Suction Hose	\$6.00
STFT-3F-DN10	Barbed Fitting - R 3/8 (BSPT) Female x Ø 10 mm ID Suction Hose - Use with P/N HPSS	\$6.00
HPSS	Hand Pump Suction Seal - Use with P/N STFT-3F-DN10	\$5.00
STT-10	Suction Hose - Ø 10 mm ID (per metre)	\$15.00
STC-13	Hose Clamp for Ø 10 mm ID Suction Hose	\$4.00
Badestnost		
4093434	Handle PRB / PRBC / PRBD – Ø 27 mm x 550 mm LOA	\$41.00
4093123	Relief Valve PRB**RM / PRBD**RM	\$80.00
4093934	Lowering Valve PRB12 / PRB25 / PRBC20	\$65.00
4123336	Lowering Valve PRB45	\$65.00
7569217	Filler Breather to suit RP* Tank - M22 x 1.5 (Suits Old Order Code without G)	\$15.00
T0113	Filler Breather with Dipstick to suit RP*G Tank - G 3/8 (Suits New Order Code with G)	
4109429	Suction Filter & Tube - PRB(D) (Tube – 300 mm long. Suits RP10, Cut tube to length for other sizes)	\$23.00
4092941	PVC Bellows PRB / PRBC / PRBD	\$24.00
4110111	Seal Kit - PRB12R	\$37.00
4110114	Seal Kit - PRB25R	
4110115	Seal Kit - PRB45R	
4115864	Seal Kit - PRBC20	
4110112	Seal Kit - PRBD12R	
4107504	Seal Kit - PRBD25R	
4110116	Seal Kit - PRBD45R	