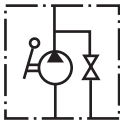


PM Series

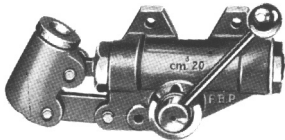
Hand Pumps



HAND PUMPS - TANKLESS



PM50
PM70



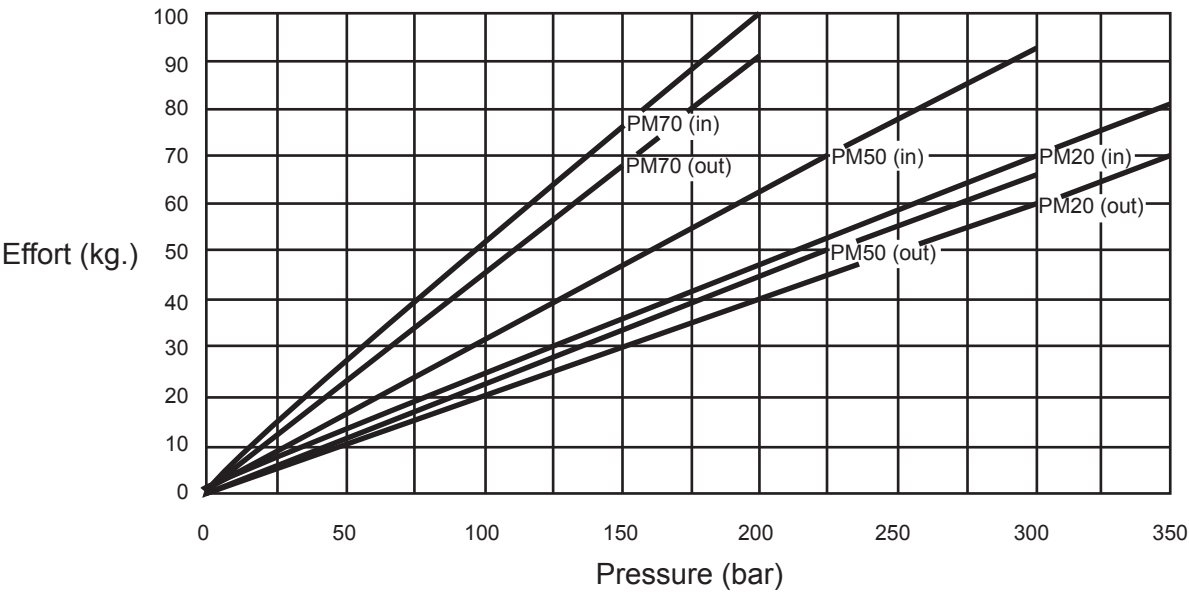
PM20

PM Series Hand Pumps provide a uni-directional flow from a double-acting, single piston pump. A built-in rotary shut-off valve allows isolation of the pump from the load if required. Pumps are constructed with a cast iron body and a hardened steel plunger enabling high working pressures.

TECHNICAL CHARACTERISTICS

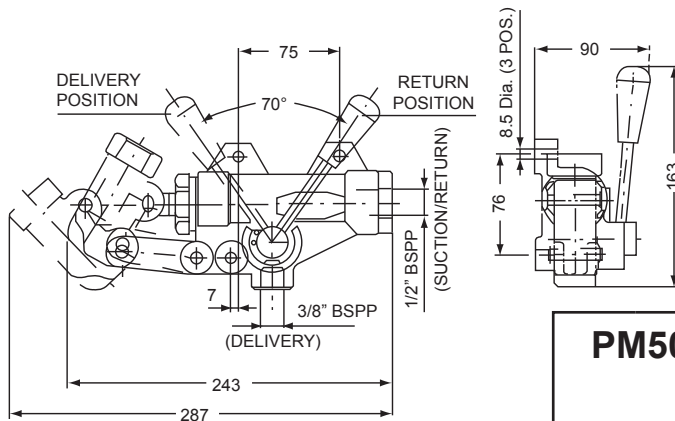
Pump Code	Max. Pressure (bar)	Capacity (cc.)			Weight
		Stroke 'in'	Stroke 'out'	Total	
PM20	300	10	10	20	3.9 KG
PM50	250	25	18	43	5.8 KG
PM70	200	35	32	67	7.3 KG

Pumping Effort (at end of handle)



DIMENSIONAL DETAILS (mm)

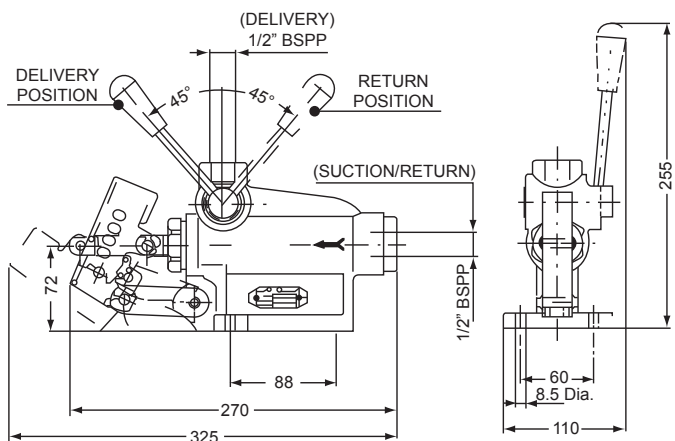
PM20 OVERALL DIMENSIONS (mm)



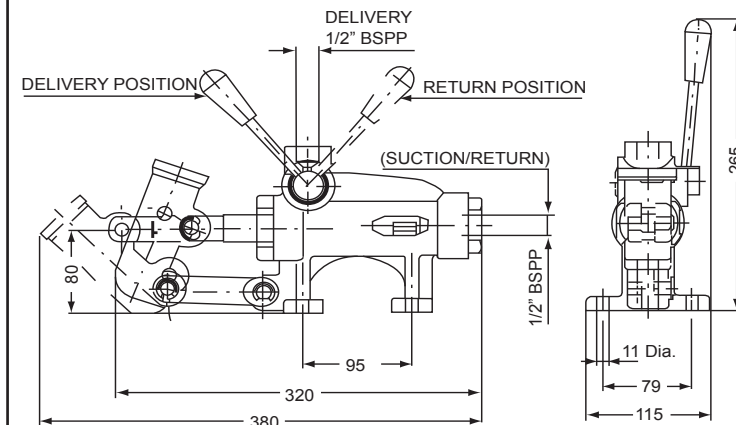
NOTE: Latest version of PM50 and PM70 Hand Pumps have rectangular box section handles.

The PM20 Hand Pump has retained the original round tube style handle.

PM50 OVERALL DIMENSIONS (mm)



PM70 OVERALL DIMENSIONS (mm)



HANDLES

Handle length for PM20 = 500mm Overall.

Handle length for PM50 and PM70 = 590mm Overall.

HAND PUMPS ARE SUPPLIED WITH HANDLES.