

Pumps | Shovel Pumps



SH910 HV Shovel

SH910: Shovel Pump Size 910cc

part number:

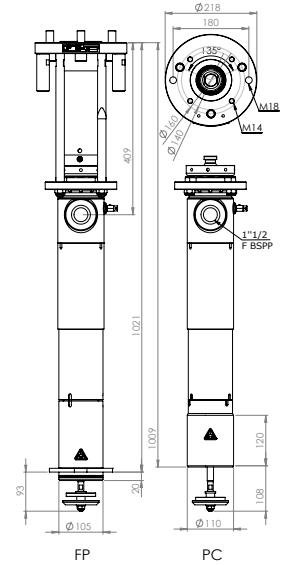
REX	SH	0910	-	MO	-	MA	-	FO	-	SE
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example: REXSH0910-72-SS-FP-03

High Viscosity Shovel Pump used for suppling airless and extrusion application systems requiring high flow rates. The pumping solution offers a large footprint and its construction with several seal pack options work for all non-abrasive materials.

Technical Data

Fluid volume per cycle	910	cc	30,77	oz
Stroke	200	mm	7,87	inch
Maximum service pressure	180	bar	2600	psi
Weight	44	kg	97	Lbs
Fluid outlet	1" 1/2	F BSPP		



Air Motor



Available Motors	Pressure Ratio	Maximum Air Inlet Pressure		Maximum Outlet Fluid Pressure		Minimum Outlet Fluid Pressure		Motopump Weight		Air consumption 15 Stroke/min @ 4 bar	Air inlet fitting		
		su	bar	psi	bar	psi	bar	psi	Kg			Lbs	
XX	NONE	-	-	-	-	-	-	-	-	-	-		
72	MOTOR 7200	18 : 1	6	100	110	1600	27	392	72	158,8	983	34,7	3 / 4"
92	MOTOR 9200	30 : 1	6	100	180	2600	45	653	81	178,6	1638	57,8	3 / 4"

scfm= Standard cubic feet of gas per minute

Pump Construction



Available Materials	Pump body			Piston				lower valve			Foot			
	Wet Cup	Upper body	Cylinder	rod	Nut	Valve Cone	Valve Seat	Body	Cone	Seat	Rod	Shovel	Inlet tube	
CS	Mixed materials	CS+Zn	SST	CS+Cr	SST+Cr	CS+Zn	SST	SST	CS	SST	SST	SST	CS+Zn	CS+Zn
SS	Stainless steel	CS+Zn	SST	SST+Cr	SST+Cr	SST	SST	SST	SST	SST	SST	SST	SST	SST

CS: Carbon Steel - SST: Stainless Steel - CB: Carbide - Zn: Zinc treatment - Cr: Chromium treatment

Foot and Mounting Styles



Available Configurations	Technical characteristic	Materials	
		1: Mixed materials	2: Stainless steel
-	Wall mounted	-	Not available
FP	Follower Plate	Ø105 mm	Available
-	Drum Bung mounted	60 Liters Drum	Not available
-	Drum Bung mounted	200 Liters Drum	Not available
PC	Plain cylinder	Ø110 mm	Available



Seal Pack Options



Available Seals Packing	Static seals "O"-rings	Upper seals packing	Piston seals packing	Lower Valve seals packing
01	PTFE	FKM	PTFE	PTFE
02	PTFE + FEP	FEP	PTFE	PTFE
03	PE	FKM	PTFE and PE	PTFE and PE
04	Leather	FKM	Leather and PE	Leather and PE
05	PTFEG	FKM	PTFEG	PTFEG
06	PU	FKM	PU and PE	PE and PTFEV
07	PTFEV	FKM	PU and PE	PE and PTFEV
08	PEHD	FKM	PEHD	PTFE

PTFE=Polytetrafluoroethylene (Teflon like properties)
 PTFEG=PTFE + Graphite (impregnated)
 PE=Polyethene (UHMWPE)
 FKM=Flouroelastomer (Viton like properties)
 PU=Polyurethane
 PTFEV=PTFE + Glass (impregnated)
 FEP=Encapsulated O-Ring (Teflon like properties over Viton or Silicone)