

Pumps | Shovel Pumps



SH216 HV Shovel

SH216: Shovel Pump Size 216cc

part number:

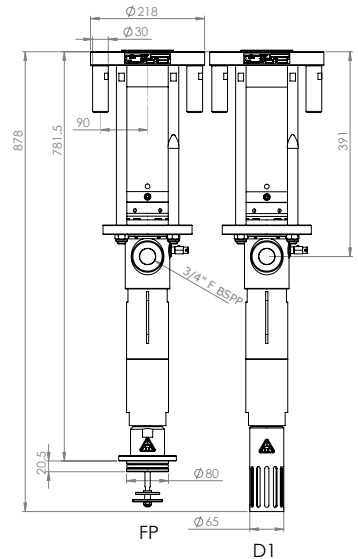
REX	SH	0216	-	MO	-	MA	-	FO	-	SE
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example: REXSH0216-60-CS-D1-03

High Viscosity Shovel Pump is for high pressure, up to 480 bar, applications for airless and extrusion applications requiring low to medium 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	216	cc	7,3	oz
Stroke	120	mm	4,72	inch
Maximum service pressure	480	bar	7000	psi
Weight	27	kg	59,5	Lbs
Fluid outlet	3 / 4 "	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	-	-	-	-	-	-	-	-	-	-		
60	MOTOR 6000	30 : 1	6	100	180	2600	45	653	48	105,8	389	13,7	3 / 4 "
70	MOTOR 7000	53 : 1	6	100	320	4600	80	1153	53	116,9	687	24,3	3 / 4 "
90	MOTOR 9000	82 : 1	6	100	490	7100	123	1784	62	136,7	1063	37,5	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
Mixed materials	CS	SST	CS+Cr	CS+Cr	SST	SST	SST	SST	SST	SST	SST+Cr	SST	CS

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	-	-
FP	Follower Plate	Ø80 mm	Available
D1	Drum Bung mounted	60 Liters Drum	Available
-	Drum Bung mounted	200 Liters Drum	Not 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
04	Leather	FKM	Leather and PE	PTFE
05	PTFEG	FKM	PTFEG	PTFE
06	PU	FKM	PU and PE	PTFE
07	Leather/PTFE	FKM	PTFE and Leather	PTFE
08	PU/PTFEV	FKM	PU, PTFEV and PE	PTFEV and PE

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