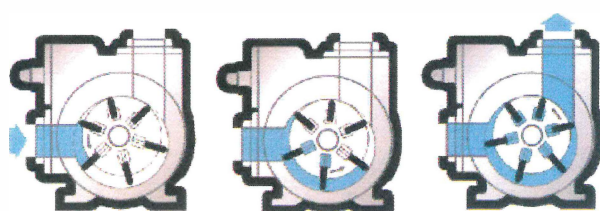


RVP4 PUMP DATA SHEET

RVP pumps are self priming rotary vane pump with an internal by-pass valve. The pumps use a rotor with sliding vanes to draw the liquid. The material of construction is nodular iron with sliding vanes built in a special self lubricating material. Mechanical seals are available for different types of liquids. Due to its efficiency the pumps can handle viscous (oils etc) and also volatile liquids (petrol, diesel, paraffin, Jet A1 etc).



Maximum specifications

Flow l/min	Speed RPM	Viscosity cP	Differential pressure bar	Testing pressure bar	Temperature range °C
2043	520	4250	7,6	13,8	-32 to 149

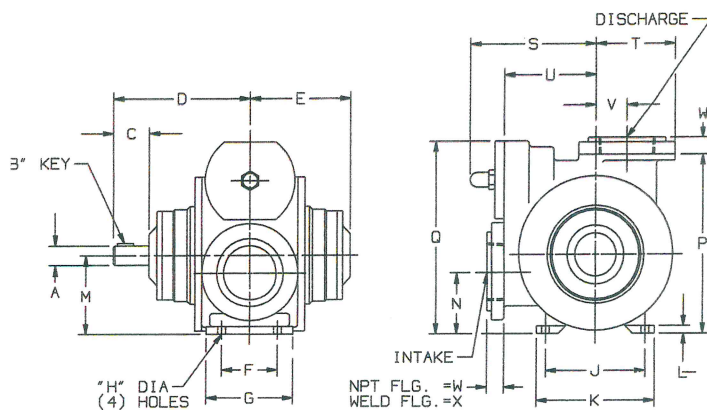
Performances

		520 RPM	420 RPM	350 RPM	275 RPM
Flange size					
	4" Liters/min	2043	1665	1362	1078
Viscosity		1000	5000	10000	20000
RPM		520	420	350	275

Materials

Part.	Standard material	Available Options
Case	Cast iron	
Head	Cast iron	
Flanges	Cast iron	
Rotor	Cast iron	
Bearing cap	Steel	Bearing cover/spacer with hydraulic motor adapter (cast aluminium) and coupling (steel)
Bearings	Ball (single row), grease lubricated to 149°C max	
Vaness	Full size with 316 stainless steel wear plate to 115°C 4250 cP maximum	
Bypass valve	Cast iron with nickel added	
Bypass/AOV cap	Cast iron	
Bypass valve cover	Cast iron	
Bypass valve spring	Plated steel	
Seal seat	Cast iron	Stainless steel and Ni-Resist
Seal metal parts	Steel	
Shaft	High strength steel	
O-rings	Buna-N 115 °C	Viton to 149° C
Gaskets	Composite to 260 °C	
Vane drivers	Case hardened steel	

Dimensions



	A	B	C	D	E	F	G	H	-	J	K
mm	1.5"	3/8"	73	279	206	114	178	16	-	203	241

L	M	N	-	P	Q	-	S	T	U	V	WEIGHT WO FLGS
16	178	127	-	365	394	-	257	162	187	64	125

