

How does vane pump work?

Our company offers different How does vane pump work?, vane pump working principle pdf, vane pump advantages and disadvantages, what is a vane pump at Wholesale Price? Here, you can get high quality and high efficient How does vane pump work?

Rotary vane pumps | Fluid-o-Tech How a rotary vane pumps works Rotary vane pumps are a type of positive displacement pump. Like all positive displacement pumps, the flow rate is always

What is a Vane Pump - Working, Types, and Applications A vane pump is a positive displacement pump that delivers a constant flow rate under different pressure conditions. It is a self-priming pump. All About Rotary Vane Pumps - What They Are - Thomasnet These pumps combine an eccentric ring and a rotor fitted with slots. The slots hold the vanes which are capable of moving radially as the rotor turns in the

Vickers Vane Pump								
	D	d	B	B1	d3	B4	C1	UOM
574644-3 V10-1P6P -12C2	2.87 Inch 72.9 Millimeter	1.688 Inch 42.875 Millimeter	-	-	-	-	-	-
574644-4 V10-1P6P -12D2	4.03 Inch 102.362 Millimeter	3.15 Inch 80 Millimeter	-	-	-	-	-	-
574644-5 V10-1P6P -12A20-L H	2.189 Inch 55.6 Millimeter	2 Inch 50.8 Millimeter	2.5 Inch 63.5 Millimeter	-	-	-	-	-
574644-7 V10-1P6P -12C20-L H	2.87 Inch 72.9 Millimeter	1.938 Inch 49.225 Millimeter	-	-	-	-	-	-
574644-8 V10-1P6P -12D20-L H	-	-	-	-	-	-	-	-
574699-2 V10-1S4S -38B2	-	-	-	-	-	-	-	-
574699-3 V10-1S4S -38C2	4.59 Inch 116.586 Millimeter	3.938 Inch 100.025 Millimeter	-	-	-	-	-	-
574699-4 V10-1S4S -38D2	-	-	-	-	-	-	-	-

574699-5 V10-1S4S -38A20-L H	-	-	-	-	-	-	-	-
574699-6 V10-1S4S -38B20-L H	2.625 Inch 66.675 Millimeter	1.953 Inch 49.606 Millimeter	-	-	-	-	-	-
574699-7 V10-1S4S -38C20-L H	4.59 Inch 116.586 Millimeter	3.938 Inch 100.025 Millimeter	-	-	-	-	-	-
574736-1 V10-1P2P -38A2	-	3.25 Inch 82.55 Millimeter	-	-	-	-	-	-
574736-2 V10-1P2P -38B2	3.62 Inch 91.948 Millimeter	2.75 Inch 69.85 Millimeter	-	-	-	-	-	-
574736-3 V10-1P2P -38C2	6.04 Inch 153.416 Millimeter	4.921 Inch 125 Millimeter	-	-	-	-	-	-
574736-4 V10-1P2P -38D2	1.438 Inch 36.525 Millimeter	0.875 Inch 22.225 Millimeter	-	-	-	-	-	-
574736-5 V10-1P2P -38A20-L H	4.59 Inch 116.586 Millimeter	3.937 Inch 100 Millimeter	-	-	-	-	-	-
574736-7 V10-1P2P -38C20-L H	4.803 Inch 122 Millimeter	9.449 Inch 240 Millimeter	11.496 Inch 292 Millimeter	-	-	-	-	-
574768-2 V10-1P1P -38B2	6.02 Inch 152.908 Millimeter	5 Inch 127 Millimeter	5.91 Inch 150.114 Millimeter	-	-	-	-	-
574768-3 V10-1P1P -38C2	-	2.362 Inch 60 Millimeter	-	-	-	-	-	-
574768-4 V10-1P1P -38D2	7.02 Inch 178.3 Millimeter	4.528 Inch 115 Millimeter	-	-	-	-	-	-
574768-5 V10-1P1P -38A20-L H	3.751 Inch 95.286 Millimeter	3.15 Inch 80 Millimeter	3.5 Inch 88.9 Millimeter	-	-	-	-	-
574768-7	7.56 Inch	5.938 Inch	-	-	-	-	-	-

V10-1P1P-38C20-LH	192.024 Millimeter	150.825 Millimeter						
576291-1V10-1P5P-38A2	-	-	-	-	-	-	-	-
576291-2V10-1P5P-38B2	-	-	-	-	-	-	-	-
576291-3V10-1P5P-38C2	-	-	-	-	-	-	-	-
576291-4V10-1P5P-38D2	-	1.438 Inch 36.525 Millimeter	-	-	-	-	-	-
576291-5V10-1P5P-38A20-LH	3.39 Inch 86.106 Millimeter	2.362 Inch 60 Millimeter	2.756 Inch 70 Millimeter	-	-	-	-	-
576291-6V10-1P5P-38B20-LH	7.02 Inch 178.3 Millimeter	4.528 Inch 115 Millimeter	-	-	-	-	-	-
576291-7V10-1P5P-38C20-LH	4.02 Inch 102.108 Millimeter	1.938 Inch 49.225 Millimeter	2.75 Inch 69.85 Millimeter	-	-	-	-	-
579781-2V10-1S6S-38B2	2.88 Inch 73.152 Millimeter	1.75 Inch 44.45 Millimeter	2.25 Inch 57.15 Millimeter	-	-	-	-	-
579781-3V10-1S6S-38C2	-	-	-	-	-	-	-	-
579781-4V10-1S6S-38D2	-	-	-	-	-	-	-	-
579781-5V10-1S6S-38A20-LH	3.62 Inch 91.948 Millimeter	2.938 Inch 74.625 Millimeter	3.125 Inch 79.38 Millimeter	-	-	-	-	-
579781-7V10-1S6S-38C20-LH	110mm	60mm	36.5mm	-	-	-	-	-
586376-2V10-1P1P	7.56 Inch 192.024	5.906 Inch 150	-	-	-	-	-	-

-12B2	Millimeter	Millimeter						
586376-3 V10-1P1P	4.59 Inch 116.586	4 Inch 101.6	-	-	-	-	-	-
-12C2	Millimeter	Millimeter						
586376-4 V10-1P1P	2.059 Inch 52.299	1.575 Inch 40	0.906 Inch 23	-	-	-	-	-
-12D2	Millimeter	Millimeter	Millimeter					
586376-5 V10-1P1P	4.74 Inch 120.396	2.688 Inch 68.275	3.125 Inch 79.38	-	-	-	-	-
-12A20-L H	Millimeter	Millimeter	Millimeter					
586376-7 V10-1P1P	5.53 Inch 140.462	4.331 Inch 110	-	-	-	-	-	-
-12C20-L H	Millimeter	Millimeter						
586405-1 V10-1P7P	6.04 Inch 153.416	5.118 Inch 130	-	-	-	-	-	-
-38A2	Millimeter	Millimeter						
586405-2 V10-1P7P	-	-	-	-	-	-	-	-
-38B2								
586405-3 V10-1P7P	4.63 Inch 117.602	3.15 Inch 80	4.5 Inch 114.3	-	-	-	-	-
-38C2	Millimeter	Millimeter	Millimeter					
586405-4 V10-1P7P	4.61 Inch 117.094	3.75 Inch 95.25	4.921 Inch 125	-	-	-	-	-
-38D2	Millimeter	Millimeter	Millimeter					
586405-5 V10-1P7P	-	-	-	-	-	-	-	-
-38A20-L H								
586405-6 V10-1P7P	-	-	-	-	-	-	-	-
-38B20-L H								
586405-7 V10-1P7P	-	-	-	-	-	-	-	-
-38C20-L H								
586405-8 V10-1P7P	2.625 Inch 66.675	1.25 Inch 31.75	1.875 Inch 47.63	-	-	-	-	-
-38D20-L H	Millimeter	Millimeter	Millimeter					
588681-2 V10-1S1S	4.18 Inch 106.172	2.756 Inch 70	3.74 Inch 95	-	-	-	-	-
-11B2	Millimeter	Millimeter	Millimeter					

588681-3 V10-1S1S -11C2	230 mm	115 mm	46 mm	80 mm	155 mm	23 mm	1.322 mm	-
588681-4 V10-1S1S -11D2	6.299 Inch 160 Millimeter	2.953 Inch 75 Millimeter	2.165 Inch 55 Millimeter	-	-	-	-	-
588681-5 V10-1S1S -11A20-L H	2.75 Inch 69.85 Millimeter	1.438 Inch 36.525 Millimeter	-	-	-	-	-	-
588681-7 V10-1S1S -11C20-L H	3.69 Inch 93.726 Millimeter	3.438 Inch 87.325 Millimeter	-	-	-	-	-	-
588681-8 V10-1S1S -11D20-L H	-	-	-	-	-	-	-	-
588684-2 V10-1S2S -38B2	4.181 Inch 106.2 Millimeter	2.953 Inch 75 Millimeter	3.5 Inch 88.9 Millimeter	-	-	-	-	-
588684-3 V10-1S2S -38C2	4.02 Inch 102.108 Millimeter	3.438 Inch 87.325 Millimeter	4.409 Inch 112 Millimeter	-	-	-	-	-
588684-4 V10-1S2S -38D2	-	-	-	-	-	-	-	-
588684-5 V10-1S2S -38A20-L H	-	1.438 Inch 36.525 Millimeter	-	-	-	-	-	-
588684-7 V10-1S2S -38C20-L H	-	-	-	-	-	-	-	-
591059-1 V10-1P4P -38A2	-	-	-	-	-	-	-	-
591059-2 V10-1P4P -38B2	-	-	-	-	-	-	-	-
591059-3 V10-1P4P -38C2	-	1.375 Inch 34.925 Millimeter	-	-	-	-	-	-
591059-4 V10-1P4P	5.118 Inch 130	2.953 Inch 75	0.984 Inch 25	-	-	-	-	-

-38D2	Millimeter	Millimeter	Millimeter					
591059-5 V10-1P4P	2.87 Inch 72.898	2.438 Inch 61.925	3.5 Inch 88.9	-	-	-	-	-
-38A20-L H	Millimeter	Millimeter	Millimeter					
591059-7 V10-1P4P	3.82 Inch 97.028	3.5 Inch 88.9	3.75 Inch 95.25	-	-	-	-	-
-38C20-L H	Millimeter	Millimeter	Millimeter					
719AR00 014A V10 -6S7S-12 C20-LH	-	-	-	-	-	-	-	-
719AR00 047A V10 -6S1S-11 C20-LH	-	-	-	-	-	-	-	-
719AR00 053A V10 -6S1S-12 C20-LH	-	-	-	-	-	-	-	-
719AR00 056A V10 -6S7S-12 C2	-	-	-	-	-	-	-	-
372591-2 V20-1S11 S-15B11	3.75 Inch 95.25	3.188 Inch 80.975	5 Inch 127	-	-	-	-	Pillow Block Bearings
372591-3 V20-1S11 S-15C11	3.69 Inch 93.726	3.25 Inch 82.55	-	-	-	-	-	Cast Steel
372591-4 V20-1S11 S-15D11	4.49 Inch 114.046	3.5 Inch 88.9	-	-	-	-	-	M06288
372591-5 V20-1S11 S-15A11- L	-	-	-	-	-	-	-	Bearings
372591-7 V20-1S11 S-15C11- L	1.575 Inch 40	0.669 Inch 17	-	-	-	-	-	No
372594-2 V20-1S6S -11B11	-	-	-	-	-	-	-	-
372594-3	4.59 Inch	3.937 Inch	4.252 Inch	-	-	-	-	2 Bolt

V20-1S6S-11C11	116.586 Millimeter	100 Millimeter	108 Millimeter						Pillow Block
372594-4 V20-1S6S-11D11	2.5 Inch 63.5 Millimeter	1.375 Inch 34.925 Millimeter	-	-	-	-	-	-	Ball Bearing
372594-5 V20-1S6S-11A11-L	3.33 Inch 84.582 Millimeter	2.938 Inch 74.625 Millimeter	4 Inch 101.6 Millimeter	-	-	-	-	-	Pillow Block Bearings
372594-7 V20-1S6S-11C11-L	6.299 Inch 160 Millimeter	2.953 Inch 75 Millimeter	2.688 Inch 68.275 Millimeter	-	-	-	-	-	N/A
372598-2 V20-1S13-S-15B11	4.62 Inch 117.348 Millimeter	3.346 Inch 85 Millimeter	-	-	-	-	-	-	0.0
372598-3 V20-1S13-S-15C11	4.438 Inch 112.725 Millimeter	2.5 Inch 63.5 Millimeter	-	-	-	-	-	-	Standard
372598-4 V20-1S13-S-15D11	4.61 Inch 117.094 Millimeter	3.75 Inch 95.25 Millimeter	4.921 Inch 125 Millimeter	-	-	-	-	-	22220
372598-5 V20-1S13-S-15A11-L	6.25 Inch 158.75 Millimeter	4.5 Inch 114.3 Millimeter	4.75 Inch 120.65 Millimeter	-	-	-	-	-	Cast Iron
372598-7 V20-1S13-S-15C11-L	1.25 Inch 31.75 Millimeter	0.565 Inch 14.351 Millimeter	-	-	-	-	-	-	SAE841
372598-8 V20-1S13-S-15D11-L	4.03 Inch 102.362 Millimeter	3.5 Inch 88.9 Millimeter	-	-	-	-	-	-	Cast Steel
372606-2 V20-1P13-P-1B11	4.61 Inch 117.094 Millimeter	3.688 Inch 93.675 Millimeter	4.921 Inch 125 Millimeter	-	-	-	-	-	0.0
372606-3 V20-1P13-P-1C11	4.03 Inch 102.362 Millimeter	3.346 Inch 85 Millimeter	-	-	-	-	-	-	N/A
372606-4 V20-1P13-P-1D11	-	-	-	-	-	-	-	-	-
372606-5 V20-1P13-P-1A11-L	5.82 Inch 147.828 Millimeter	4.921 Inch 125 Millimeter	5.906 Inch 150 Millimeter	-	-	-	-	-	M06288
372606-6 V20-1P13	4.63 Inch 117.602 Millimeter	3.188 Inch 80.975 Millimeter	4.5 Inch 114.3 Millimeter	-	-	-	-	-	Yes

P-1B11-L	Millimeter	Millimeter	Millimeter					
372606-7	4.606 Inch	3.937 Inch	4.921 Inch	-	-	-	-	N/A
V20-1P13	117	100	125					
P-1C11-L	Millimeter	Millimeter	Millimeter					
372606-8	1.024 Inch	0.669 Inch	-	-	-	-	-	Ball Bearing
V20-1P13	26	17						
P-1D11-L	Millimeter	Millimeter						
372613-1	4.03 Inch	3.346 Inch	3.74 Inch	-	-	-	-	4
V20-1P6P	102.362	85	95					
-1A11	Millimeter	Millimeter	Millimeter					
372613-2	3.75 Inch	3.15 Inch	-	-	-	-	-	M06288
V20-1P6P	95.25	80						
-1B11	Millimeter	Millimeter						
372613-3	-	-	-	-	-	-	-	0.0
V20-1P6P								
-1C11								
372613-4	3.69 Inch	3.543 Inch	4 Inch	-	-	-	-	Cast Steel
V20-1P6P	93.726	90	101.6					
-1D11	Millimeter	Millimeter	Millimeter					
372613-5	-	-	-	-	-	-	-	-
V20-1P6P								
-1A11-L								
372613-6	2 Inch	1.688 Inch	2.125 Inch	-	-	-	-	3.042
V20-1P6P	50.8	42.875	53.98					
-1B11-L	Millimeter	Millimeter	Millimeter					
372613-7	1.281 Inch	0.75 Inch	1.313 Inch	-	-	-	-	3/8 Inch
V20-1P6P	32.537	19.05	33.35					
-1C11-L	Millimeter	Millimeter	Millimeter					
372613-8	4.03 Inch	3.438 Inch	3.75 Inch	-	-	-	-	0.0
V20-1P6P	102.362	87.325	95.25					
-1D11-L	Millimeter	Millimeter	Millimeter					
372617-1	3.62 Inch	2.75 Inch	3.25 Inch	-	-	-	-	Expansion
V20-1P11	91.948	69.85	82.55					
P-1A11	Millimeter	Millimeter	Millimeter					

Useful information on vane pumps - Michael Smith Engineers
 How does a vane pump work?
 During a rotation cycle, the volume between adjacent vanes changes because of the rotor's eccentric mounting position.

Rotary vane pump - Wikipedia
 The simplest vane pump has a circular rotor rotating inside a larger circular cavity. The centers of these two circles are offset, causing eccentricity.
 Vanes Vane Pumps - PumpSchool
 How Vane Pumps Work — The rotor is sealed into the cam by two sideplates. Vanes or blades fit within the slots of the impeller. As the rotor rotates (yellow

Quick And Dirty Guide to Vane Pumps
 Oct 7, 2015 — HOW VANE PUMPS WORK. A vane pump uses a rotating cylinder with slots (or rotors) housing a series of vanes that rotate inside the

cavity. What Are Vane Pumps? A vane pump is a self-priming positive displacement pump providing constant flow at varying pressures. Operation is via a motor connected to a gearbox as

What is a Rotary Vane Vacuum Pump? - Gardner Denver Rotary vane vacuum pump works on a positive-displacement pumping principle. The design consists of a rotor, which is mounted eccentrically inside a May 28, 2020 · Uploaded by Oneair - Mission Critical Industrial Air Solutions Rotary Vane Pump Guide & Sliding Vane Pump Design How do rotary vane pumps work? Vane pumps, also known as rotary vane or sliding vane pumps, operate via the positive displacement principle. Positive