

Our Products Develop Tomorrow's Technologies



Conventional Series	2002B,BB,I	2002C1	2004A	2004AC	2008A	2008AC	2012A	2012AC	2012CP	2012AH	2020A	2020AC	2020CP	2030	2060
<b>ALCATEL</b> <b>Rotary Vane</b>															
Pump Speed (CFM)	1.4	1.4	3.2	3.2	7	7	11	11	11	11	15.9	15.9	15.9		
Inlet Flange	KF16 Hose Nipple	KF16 Hose Nipple	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	
Outlet Flange			KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	
Ultimate Pressure UPP	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
Rotation Speed (RPM)	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	
Oil Capacity (liters)	0.35	0.35	0.75	0.75	1	1	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
Oil Type Hydrocarbon	A119*	A119	A119	A119	A119	A119	A119	A119	A119	A119	A119	A119	A119	A119	
Oil Type PFPE		A113	A113	A113	A113	A113	A113	A113	A113	A113	A113	A113	A113	A113	
Weight (LBS.)	26.4	26.4	53.9	53.9	56.1	56.1	58.3	58.3	58.3	58.3	62.2	62.2	62.2	62.2	
Length (in)	12.7	12.7	12.7	12.7	19.5	19.5	19.5	19.5	19.5	19.5	20.6	20.6	20.6	20.6	
Width (in)	4.5	4.5	4.5	4.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	
Height (in)	7.3	7.3	7.3	7.3	6.73	6.73	6.73	6.73	6.73	6.73	6.73	6.73	6.73	6.73	
Common Motor Phase	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Common Motor Voltage	115/220	115/220	115/220	115/220	115/220	115/220	115/220	115/220	115/220	115/220	115/220	115/220	115/220	115/220	
Water Vapor Capacity	36	36	110	110	110	110	100	100	100	100	100	100	100	100	
Water Vapor Pressure	30	30	19	19	19	19	11	11	11	11	7.5	7.5	7.5	7.5	
Conventional Series															
<b>ALCATEL</b> <b>Rotary Vane</b>															
Pump Speed (CFM)	23	23	23	23	23	23	42	42	42	42	42	85	85	85	
Inlet Flange	KF40	KF40	KF40	KF40	KF40	KF40	KF40	KF40	KF40	KF40	KF40	KF50	KF50	KF50	
Outlet Flange	KF40	KF40	KF40	KF40	KF40	KF40	KF40	KF40	KF40	KF40	KF40	KF50	KF50	KF50	
Ultimate Pressure UPP	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Rotation Speed (RPM)	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	
Oil Capacity (liters)	3.6	3.6	3.6	3.6	3.6	3.6	7	7	7	7	7	7.5	7.5	7.5	
Oil Type Hydrocarbon	A119	A119	A119	A119	A119	A119	A119	A119	A119	A119	A119	A119	A119	A119	
Oil Type PFPE		A113	A113	A113	A113	A113	A113	A113	A113	A113	A113	A113	A113	A113	
Weight (LBS.)	134	134	134	134	134	134	205	205	205	205	205	508	508	508	
Length (in)	27	27	27	27	27	27	32	32	32	32	32	38	38	38	
Width (in)	9	9	9	9	9	9	10	10	10	10	10	13.5	13.5	13.5	
Height (in)	15	15	15	15	15	15	17	17	17	17	17	21	21	21	
Common Motor Phase	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
Common Motor Voltage	208/460	208/460	208/460	208/460	208/460	208/460	208/460	208/460	208/460	208/460	208/460	208/460	208/460	208/460	
Water Vapor Capacity	700	700	700	700	700	700	1200	1200	1200	1200	1200	300	300	300	
Water Vapor Pressure	22	22	22	22	22	22	19	19	19	19	19	30	30	30	

Notes:  
\*Pump 2002I  
Use Alcatel  
Oil A121 for  
intensive Use.

Varian, Kinney and Precision Scientific Also Have Some of The Same Models in this list, See Rotary Vane Cross Reference Chart.

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Pascal	Series	2005															
		2005I	2005C,CP	2005SD	2005C1	2005H	2005H1	2010	2010C,CP	2010SD	2010C1	2010C2	2015	2015C,CP	2015SD		
<b>ALCATEL</b>		<b>Rotary Vane</b>															
	Pump Speed (CFM)	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	6.8	6.8	6.8	6.8	10.6	10.6
	Inlet Flange	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25
	Outlet Flange	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25
	Ultimate Pressure UPP	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Rotation Speed (RPM)	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
	Oil Capacity (liters)	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.95	0.95	0.95	0.95	0.95	0.95
	Oil Type Hydrocarbon	A119	A119	A119	A119	A119	A119	A119	A119	A119	A119	A119	A119	A119	A119	A119	A119
	Oil Type PFPE		A113		A113	A113	A113	A113	A113	A113	A113		A113		A113		A113
	Weight (LBS.)	55	55	55	55	55	55	55	55	55	55	57.2	57.2	57.2	57.2	59.4	59.4
	Length (in)	9	9	9	9	9	9	9	9	9	9	9.6	9.6	9.6	9.6	10.6	10.6
	Width (in)	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	Height (in)	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
	Common Motor Phase	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Common Motor Voltage	115/220	115/220	115/220	115/220	115/220	115/220	115/220	115/220	115/220	115/220	115/220	115/220	115/220	115/220	115/220	115/220
	Water Vapor Capacity	110	110	110	110	110	110	110	110	110	110	100	100	100	100	100	100
	Water Vapor Pressure	19	19	19	19	19	19	19	19	19	19	11	11	11	11	7.5	7.5
	Pascal																
	Series																
<b>ALCATEL</b>		<b>Rotary Vane</b>															
	Pump Speed (CFM)	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	14.6	14.6	14.6	14.6	14.6	14.6
	Inlet Flange	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25
	Outlet Flange	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25	KF25
	Ultimate Pressure UPP	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Rotation Speed (RPM)	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
	Oil Capacity (liters)	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.98	0.98	0.98	0.98	0.98	0.98
	Oil Type Hydrocarbon		A119		A119	A119	A119	A119	A119	A119	A119		A119		A119		A119
	Oil Type PFPE	A113	A113	A113	A113	A113	A113	A113	A113	A113	A113		A113		A113		A113
	Weight (LBS.)	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	61.6	61.6	61.6	61.6	61.6	61.6
	Length (in)	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	11.5	11.5	11.5	11.5	11.5	11.5
	Width (in)	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	Height (in)	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
	Common Motor Phase	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Common Motor Voltage	115/220	115/220	115/220	115/220	115/220	115/220	115/220	115/220	115/220	115/220	115/220	115/220	115/220	115/220	115/220	115/220
	Water Vapor Capacity	100	100	100	100	100	100	100	100	100	100	90	90	90	90	90	90
	Water Vapor Pressure	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	5.0	5.0	5.0	5.0	5.0	5.0

Notes:

Varian, Kinney and Precision Scientific Also Have Some of The Same Models in this list, See Rotary Vane Cross Reference Chart.