

Technical Specifications

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RKHD-75 VSD								
100 PSI	460 V	60 H	Iz 3 Phase					
GENERAL DATA								
Nominal Working Pressure	100	psi						
Nominal Motor Power	55	kW	75 HP					
Maximum Ambient Temperature	113	°F						
Minimum Ambient Temperature	41	°F						
WORKING DATA								
ACFM Max	335	cfm						
Total Package Max Current Draw	53	kW	108 A					
at Full Load			100 A					
Total Power at No Load		kW						
Max Rotor Speed	5600	•						
Noise Level	70 ± 3	dB						
MAIN MOTOR								
Driving System (Electric)	Inverter Drive							
Power Transmission	Direct Drive							
Nominal Motor Power	55	kW	75 HP					
N° Poles	2							
Max Motor Speed	3540	rpm						
Service Class	S1 95%							
Efficiency	IE3							
Form Factor	B35							
Protection	IP 55							
COOLING SYSTEM								
Fan Motor Power	0.3	kW						
Fan Motor Speed	2900	rpm						
Protection	IP44	class						
Insulation Class	F							
Cooling Air Flow	4400	cfm						
LUBRICATION								
Oil Quantity	5	gallons						
Oil Type	PneuTech PG46							
Residual Oil	≤ 3	ppm						
MACHINE DIMENSIONS AND WEIGHT								
WxDxH	77 X 48 X 63	inches						
Weight	2762	lbs						
Outlet Air Diameter	Female NPT 1 1/2"							



Technical Specifications

RKHD 75 VSD							
110 PSI	460 V	60	Hz 3 Phase				
GENERAL DATA							
Nominal Working Pressure	110	-					
Nominal Motor Power		kW	75 HP				
Maximum Ambient Temperature	113						
Minimum Ambient Temperature	41	°F					
WORKING DATA							
ACFM Max	328	cfm					
Total Package Max Current Draw	55	kW	108 A				
at Full Load Total Power at No Load	42	kW					
Max Rotor Speed	5600	•					
Noise Level	70 ± 3	ав					
MAIN MOTOR	Income Delice						
Driving System (Electric)	Inverter Drive						
Power Transmission	Direct Drive						
Nominal Motor Power		kW	75 HP				
N° Poles	2						
Max Motor Speed	3540	rpm					
Service Class	S1 95%						
Efficiency	IE3						
Form Factor	B35						
Protection	IP 55						
COOLING SYSTEM							
Fan Motor Power		kW					
Fan Motor Speed	2900	rpm					
Protection	IP44	class					
Insulation Class	F						
Cooling Air Flow	4400	cfm					
LUBRICATION							
Oil Quantity	5	gallons					
Oil Type	PneuTech PG46						
Residual Oil	≤ 3	ppm					
MACHINE DIMENSIONS AND WEIGHT							
WxDxH	77 X 48 X 63	inches					
Weight	2762	lbs					
Outlet Air Diameter	Female NPT 1 1/2"						



Technical Specifications

DVUD 75 VCD								
RKHD 75 VSD								
125 PSI	460 V	60 H	z 3 Phase					
GENERAL DATA								
Nominal Working Pressure	125	-						
Nominal Motor Power		kW	75 HP					
Maximum Ambient Temperature	113							
Minimum Ambient Temperature	41	°F						
WORKING DATA								
ACFM Max	307	cfm						
Total Package Max Current Draw	56	kW	108 A					
at Full Load Total Power at No Load	14	kW						
Max Rotor Speed Noise Level	5600 70 ± 3	•						
MAIN MOTOR	70±3	uБ						
	Inverter Drive							
Driving System (Electric) Power Transmission	Direct Drive							
		LAM	75 LID					
Nominal Motor Power		kW	75 HP					
N° Poles	2							
Max Motor Speed	3540	rpm						
Service Class	S1 95%							
Efficiency	IE3							
Form Factor	B35							
Protection	IP 55							
COOLING SYSTEM								
Fan Motor Power		kW						
Fan Motor Speed	2900	•						
Protection		class						
Insulation Class	F							
Cooling Air Flow	4400	cfm						
LUBRICATION								
Oil Quantity		gallons						
Oil Type	PneuTech PG46							
Residual Oil	≤ 3	ppm						
MACHINE DIMENSIONS AND WEIGHT								
WxDxH	77 X 48 X 63							
Weight	2762	lbs						
Outlet Air Diameter	Female NPT 1 1/2"							