

Technical Specifications

RKHD-125 VSD

100 PSI 460 V 60 Hz 3 Phase

GENERAL DATA

Nominal Working Pressure	100 psi	
Nominal Motor Power	90 kW	120 HP
Maximum Ambient Temperature	113 °F	
Minimum Ambient Temperature	36 °F	

WORKING DATA

ACFM Max	639 cfm	
Total Package Max Current Draw at Full Load	109 kW	180 A
Total Power at No Load	32 kW	
Max Rotor Speed	4000 rpm	
Noise Level	76 ± 3 dB	

MAIN MOTOR

Driving System (Electric)	Inverter Drive	
Power Transmission	Direct	
Nominal Motor Power	90 kW	120 HP
N° Poles	8	
Max Motor Speed	3570 rpm	
Service Class	S1 95%	
Efficiency	IE3	
Form Factor	B35	
Protection	IP 55	

COOLING SYSTEM

Fan Motor Power	1.5 X 2 kW
Fan Motor Speed	1146 rpm
Protection	IP55 class
Insulation Class	F
Cooling Air Flow	9400 cfm

LUBRICATION

Oil Quantity	29 gallons
Oil Type	PneuTech PG46
Residual Oil	≤ 3 ppm

MACHINE DIMENSIONS AND WEIGHT

W x D x H	117 X 73 X 80 inches
Weight	6612 lbs
Outlet Air Diameter	ASME B16.5 3"RF

Technical Specifications

RKHD-125 VSD

110 PSI 460 V 60 Hz 3 Phase

GENERAL DATA

Nominal Working Pressure	110 psi	
Nominal Motor Power	90 kW	120 HP
Maximum Ambient Temperature	113 °F	
Minimum Ambient Temperature	36 °F	

WORKING DATA

ACFM Max	618 cfm	
Total Package Max Current Draw at Full Load	109 kW	180 A
Total Power at No Load	33 kW	
Max Rotor Speed	4000 rpm	
Noise Level	76 ± 3 dB	

MAIN MOTOR

Driving System (Electric)	Inverter Drive	
Power Transmission	Direct	
Nominal Motor Power	90 kW	120 HP
N° Poles	8	
Max Motor Speed	3570 rpm	
Service Class	S1 95%	
Efficiency	IE3	
Form Factor	B35	
Protection	IP 55	

COOLING SYSTEM

Fan Motor Power	1.5 X 2 kW
Fan Motor Speed	1146 rpm
Protection	IP55 class
Insulation Class	F
Cooling Air Flow	9400 cfm

LUBRICATION

Oil Quantity	29 gallons
Oil Type	PneuTech PG46
Residual Oil	≤ 3 ppm

MACHINE DIMENSIONS AND WEIGHT

W x D x H	117 X 73 X 80 inches
Weight	6612 lbs
Outlet Air Diameter	ASME B16.5 3"RF

Technical Specifications

RKHD-125 VSD

125 PSI 460 V 60 Hz 3 Phase

GENERAL DATA

Nominal Working Pressure	125 psi	
Nominal Motor Power	90 kW	120 HP
Maximum Ambient Temperature	113 °F	
Minimum Ambient Temperature	36 °F	

WORKING DATA

ACFM Max	576 cfm	
Total Package Max Current Draw at Full Load	108 kW	180 A
Total Power at No Load	35 kW	
Max Rotor Speed	4000 rpm	
Noise Level	76 ± 3 dB	

MAIN MOTOR

Driving System (Electric)	Inverter Drive	
Power Transmission	Direct	
Nominal Motor Power	90 kW	120 HP
N° Poles	8	
Max Motor Speed	3570 rpm	
Service Class	S1 95%	
Efficiency	IE3	
Form Factor	B35	
Protection	IP 55	

COOLING SYSTEM

Fan Motor Power	1.5 X 2 kW
Fan Motor Speed	1146 rpm
Protection	IP55 class
Insulation Class	F
Cooling Air Flow	9400 cfm

LUBRICATION

Oil Quantity	29 gallons
Oil Type	PneuTech PG46
Residual Oil	≤ 3 ppm

MACHINE DIMENSIONS AND WEIGHT

W x D x H	117 X 73 X 80 inches
Weight	6612 lbs
Outlet Air Diameter	ASME B16.5 3"RF