

Technical Specifications

RK-50VSD-100B

100 PSI 460 V 60 Hz 3 Phase

GENERAL DATA

Nominal Working Pressure	100 psi	
Nominal Motor Power	37 kW	50 HP
Maximum Ambient Temperature	113 °F	
Minimum Ambient Temperature	41 °F	

WORKING DATA

ACFM Max	242 cfm	
Total Package Max Current Draw at Full Load	38 kW	67 A
Total Power at No Load	11 kW	
Max Rotor Speed	3504 rpm	
Noise Level	68 dB	

MAIN MOTOR

Driving System (Electric)	Inverter Drive	
Power Transmission	Direct	
Nominal Motor Power	37 kW	50 HP
N° Poles	2	
Max Motor Speed	3540 rpm	
Service Class	1.15	
Efficiency	IE3-93,7	
Form Factor	B35	
Protection	IP 55	

COOLING SYSTEM

Fan Motor Power	1300.0 kW
Fan Motor Speed	1540 rpm
Protection	IP 54 class
Insulation Class	F
Cooling Air Flow	10000 cfm

LUBRICATION

Oil Quantity	5 gallons
Oil Type	PneuTech PG46
Residual Oil	≤ 3 ÷ 5 ppm

MACHINE DIMENSIONS AND WEIGHT

W x D x H	76 X 42 X 71 inches
Weight	2169 lbs
Outlet Air Diameter	G 1 1/2"

Technical Specifications

RK-50VSD-110B

110 PSI 460 V 60 Hz 3 Phase

GENERAL DATA

Nominal Working Pressure	110 psi	
Nominal Motor Power	37 kW	50 HP
Maximum Ambient Temperature	113 °F	
Minimum Ambient Temperature	41 °F	

WORKING DATA

ACFM Max	231 cfm	
Total Package Max Current Draw at Full Load	38 kW	67 A
Total Power at No Load	12 kW	
Max Rotor Speed	3504 rpm	
Noise Level	68 dB	

MAIN MOTOR

Driving System (Electric)	Inverter Drive	
Power Transmission	Direct	
Nominal Motor Power	37 kW	50 HP
N° Poles	2	
Max Motor Speed	3540 rpm	
Service Class	1.15	
Efficiency	IE3-93,7	
Form Factor	B35	
Protection	IP 55	

COOLING SYSTEM

Fan Motor Power	1300.0 kW
Fan Motor Speed	1540 rpm
Protection	IP 54 class
Insulation Class	F
Cooling Air Flow	10000 cfm

LUBRICATION

Oil Quantity	5 gallons
Oil Type	PneuTech PG46
Residual Oil	≤ 3 ÷ 5 ppm

MACHINE DIMENSIONS AND WEIGHT

W x D x H	76 X 42 X 71 inches
Weight	2169 lbs
Outlet Air Diameter	G 1 1/2"

Technical Specifications

RK-50VSD-125B

125 PSI 460 V 60 Hz 3 Phase

GENERAL DATA

Nominal Working Pressure	125 psi	
Nominal Motor Power	37 kW	50 HP
Maximum Ambient Temperature	113 °F	
Minimum Ambient Temperature	41 °F	

WORKING DATA

ACFM Max	216 cfm	
Total Package Max Current Draw at Full Load	38 kW	67 A
Total Power at No Load	13 kW	
Max Rotor Speed	3504 rpm	
Noise Level	68 dB	

MAIN MOTOR

Driving System (Electric)	Inverter Drive	
Power Transmission	Direct	
Nominal Motor Power	37 kW	50 HP
N° Poles	2	
Max Motor Speed	3540 rpm	
Service Class	1.15	
Efficiency	IE3-93,7	
Form Factor	B35	
Protection	IP 55	

COOLING SYSTEM

Fan Motor Power	1300.0 kW
Fan Motor Speed	1540 rpm
Protection	IP 54 class
Insulation Class	F
Cooling Air Flow	10000 cfm

LUBRICATION

Oil Quantity	5 gallons
Oil Type	PneuTech PG46
Residual Oil	≤ 3 ÷ 5 ppm

MACHINE DIMENSIONS AND WEIGHT

W x D x H	76 X 42 X 71 inches
Weight	2169 lbs
Outlet Air Diameter	G 1 1/2"