

Technical Specifications

RK-75VSD-100B

100 PSI 460 V 60 Hz 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	338 cfm	
Total Package Max Current Draw at Full Load	53 kW	94 A
Total Power at No Load	12 kW	
Max Rotor Speed	3840 rpm	
Noise Level	70 dB	

MAIN MOTOR

Driving System (Electric)	Inverter Drive	
Power Transmission	Direct	
Nominal Motor Power	55 kW	75 HP
N° Poles	2	
Max Motor Speed	3558 rpm	
Service Class	1.15	
Efficiency	IE3-94	
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	9000 cfm

LUBRICATION

Oil Quantity	7 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	2678 lbs
Outlet Air Diameter	G 1 1/2"

Technical Specifications

RK-75VSD-110B

110 PSI 460 V 60 Hz 3 Phase

GENERAL DATA

Nominal Working Pressure	110 psi	
Nominal Motor Power	55 kW	75 HP
Maximum Ambient Temperature	113 °F	
Minimum Ambient Temperature	41 °F	

WORKING DATA

ACFM Max	325 cfm	
Total Package Max Current Draw at Full Load	54 kW	96 A
Total Power at No Load	13 kW	
Max Rotor Speed	3840 rpm	
Noise Level	70 dB	

MAIN MOTOR

Driving System (Electric)	Inverter Drive	
Power Transmission	Direct	
Nominal Motor Power	55 kW	75 HP
N° Poles	2	
Max Motor Speed	3558 rpm	
Service Class	1.15	
Efficiency	IE3-94	
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	9000 cfm

LUBRICATION

Oil Quantity	7 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	2678 lbs
Outlet Air Diameter	G 1 1/2"

Technical Specifications

RK-75VSD-125B

125 PSI 460 V 60 Hz 3 Phase

GENERAL DATA

Nominal Working Pressure	125 psi	
Nominal Motor Power	55 kW	75 HP
Maximum Ambient Temperature	113 °F	
Minimum Ambient Temperature	41 °F	

WORKING DATA

ACFM Max	307 cfm	
Total Package Max Current Draw at Full Load	56 kW	99 A
Total Power at No Load	14 kW	
Max Rotor Speed	3840 rpm	
Noise Level	70 dB	

MAIN MOTOR

Driving System (Electric)	Inverter Drive	
Power Transmission	Direct	
Nominal Motor Power	55 kW	75 HP
N° Poles	2	
Max Motor Speed	3558 rpm	
Service Class	1.15	
Efficiency	IE3-94	
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	9000 cfm

LUBRICATION

Oil Quantity	7 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	2678 lbs
Outlet Air Diameter	G 1 1/2"