

Technical Specifications

RK-60VSD-100B

100 PSI 460 V 60 Hz 3 Phase

GENERAL DATA

Nominal Working Pressure	100 psi	
Nominal Motor Power	30 kW	40 HP
Maximum Ambient Temperature	113 °F	
Minimum Ambient Temperature	41 °F	

WORKING DATA

ACFM Max	283 cfm	
Total Package Max Current Draw at Full Load	44 kW	78 A
Total Power at No Load	12 kW	
Max Rotor Speed	4680 rpm	
Noise Level	69 dB	

MAIN MOTOR

Driving System (Electric)	Inverter Drive	
Power Transmission	Direct	
Nominal Motor Power	45 kW	40 HP
N° Poles	2	
Max Motor Speed	3550 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	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	2330 lbs
Outlet Air Diameter	G 1 1/2"

Technical Specifications

RK-60VSD-110B

110 PSI 460 V 60 Hz 3 Phase

GENERAL DATA

Nominal Working Pressure	110 psi	
Nominal Motor Power	30 kW	40 HP
Maximum Ambient Temperature	113 °F	
Minimum Ambient Temperature	41 °F	

WORKING DATA

ACFM Max	271 cfm	
Total Package Max Current Draw at Full Load	45 kW	79 A
Total Power at No Load	13 kW	
Max Rotor Speed	4680 rpm	
Noise Level	69 dB	

MAIN MOTOR

Driving System (Electric)	Inverter Drive	
Power Transmission	Direct	
Nominal Motor Power	45 kW	40 HP
N° Poles	2	
Max Motor Speed	3550 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	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	2330 lbs
Outlet Air Diameter	G 1 1/2"

Technical Specifications

RK-60VSD-125B

125 PSI 460 V 60 Hz 3 Phase

GENERAL DATA

Nominal Working Pressure	125 psi	
Nominal Motor Power	30 kW	40 HP
Maximum Ambient Temperature	113 °F	
Minimum Ambient Temperature	41 °F	

WORKING DATA

ACFM Max	255 cfm	
Total Package Max Current Draw at Full Load	46 kW	81 A
Total Power at No Load	14 kW	
Max Rotor Speed	4680 rpm	
Noise Level	69 dB	

MAIN MOTOR

Driving System (Electric)	Inverter Drive	
Power Transmission	Direct	
Nominal Motor Power	45 kW	40 HP
N° Poles	2	
Max Motor Speed	3550 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	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	2330 lbs
Outlet Air Diameter	G 1 1/2"