

Technical Specifications

RK-40VSD-100B-L

100 PSI 230 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	181 cfm	
Total Package Max Current Draw at Full Load	29 kW	104 A
Total Power at No Load	5 kW	
Max Rotor Speed	4260 rpm	
Noise Level	66 dB	

MAIN MOTOR

Driving System (Electric)	Inverter Drive	
Power Transmission	Direct	
Nominal Motor Power	30 kW	40 HP
N° Poles	2	
Max Motor Speed	3558 rpm	
Service Class	1.15	
Efficiency	IE3-93,3	
Form Factor	B35	
Protection	IP 55	

COOLING SYSTEM

Fan Motor Power	440.0 kW
Fan Motor Speed	1260 rpm
Protection	IP 54 class
Insulation Class	F
Cooling Air Flow	4800 cfm

LUBRICATION

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

MACHINE DIMENSIONS AND WEIGHT

W x D x H	65 X 30 X 56 inches
Weight	1448 lbs
Outlet Air Diameter	G 1 1/4"

Technical Specifications

RK-40VSD-110B-L

110 PSI 230 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	172 cfm	
Total Package Max Current Draw at Full Load	29 kW	104 A
Total Power at No Load	5 kW	
Max Rotor Speed	4260 rpm	
Noise Level	66 dB	

MAIN MOTOR

Driving System (Electric)	Inverter Drive	
Power Transmission	Direct	
Nominal Motor Power	30 kW	40 HP
N° Poles	2	
Max Motor Speed	3558 rpm	
Service Class	1.15	
Efficiency	IE3-93,3	
Form Factor	B35	
Protection	IP 55	

COOLING SYSTEM

Fan Motor Power	440.0 kW
Fan Motor Speed	1260 rpm
Protection	IP 54 class
Insulation Class	F
Cooling Air Flow	4800 cfm

LUBRICATION

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

MACHINE DIMENSIONS AND WEIGHT

W x D x H	65 X 30 X 56 inches
Weight	1448 lbs
Outlet Air Diameter	G 1 1/4"

Technical Specifications

RK-40VSD-125B-L

125 PSI 230 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	159 cfm	
Total Package Max Current Draw at Full Load	29 kW	104 A
Total Power at No Load	6 kW	
Max Rotor Speed	4260 rpm	
Noise Level	66 dB	

MAIN MOTOR

Driving System (Electric)	Inverter Drive	
Power Transmission	Direct	
Nominal Motor Power	30 kW	40 HP
N° Poles	2	
Max Motor Speed	3558 rpm	
Service Class	1.15	
Efficiency	IE3-93,3	
Form Factor	B35	
Protection	IP 55	

COOLING SYSTEM

Fan Motor Power	440.0 kW
Fan Motor Speed	1260 rpm
Protection	IP 54 class
Insulation Class	F
Cooling Air Flow	4800 cfm

LUBRICATION

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

MACHINE DIMENSIONS AND WEIGHT

W x D x H	65 X 30 X 56 inches
Weight	1448 lbs
Outlet Air Diameter	G 1 1/4"