

Technical Specifications

RK-30VSD-100B

100 PSI 460 V 60 Hz 3 Phase

GENERAL DATA

Nominal Working Pressure	100 psi	
Nominal Motor Power	22 kW	30 HP
Maximum Ambient Temperature	113 °F	
Minimum Ambient Temperature	41 °F	

WORKING DATA

ACFM Max	135 cfm	
Total Package Max Current Draw at Full Load	21 kW	38 A
Total Power at No Load	5 kW	
Max Rotor Speed	3990 rpm	
Noise Level	66 dB	

MAIN MOTOR

Driving System (Electric)	Inverter Drive	
Power Transmission	Direct	
Nominal Motor Power	22 kW	30 HP
N° Poles	2	
Max Motor Speed	3540 rpm	
Service Class	1.15	
Efficiency	IE3-92,7	
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	1325 lbs
Outlet Air Diameter	G 1 1/4"

Technical Specifications

RK-30VSD-110B

110 PSI 460 V 60 Hz 3 Phase

GENERAL DATA

Nominal Working Pressure	110 psi	
Nominal Motor Power	22 kW	30 HP
Maximum Ambient Temperature	113 °F	
Minimum Ambient Temperature	41 °F	

WORKING DATA

ACFM Max	128 cfm	
Total Package Max Current Draw at Full Load	21 kW	38 A
Total Power at No Load	5 kW	
Max Rotor Speed	3990 rpm	
Noise Level	66 dB	

MAIN MOTOR

Driving System (Electric)	Inverter Drive	
Power Transmission	Direct	
Nominal Motor Power	22 kW	30 HP
N° Poles	2	
Max Motor Speed	3540 rpm	
Service Class	1.15	
Efficiency	IE3-92,7	
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	1325 lbs
Outlet Air Diameter	G 1 1/4"

Technical Specifications

RK-30VSD-125B

125 PSI 460 V 60 Hz 3 Phase

GENERAL DATA

Nominal Working Pressure	125 psi	
Nominal Motor Power	22 kW	30 HP
Maximum Ambient Temperature	113 °F	
Minimum Ambient Temperature	41 °F	

WORKING DATA

ACFM Max	118 cfm	
Total Package Max Current Draw at Full Load	21 kW	38 A
Total Power at No Load	6 kW	
Max Rotor Speed	3990 rpm	
Noise Level	66 dB	

MAIN MOTOR

Driving System (Electric)	Inverter Drive	
Power Transmission	Direct	
Nominal Motor Power	22 kW	30 HP
N° Poles	2	
Max Motor Speed	3540 rpm	
Service Class	1.15	
Efficiency	IE3-92,7	
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	1325 lbs
Outlet Air Diameter	G 1 1/4"