

Technical Specifications

RK-20VSD-100B-L

100 PSI 230 V 60 Hz 3 Phase

GENERAL DATA

Nominal Working Pressure	100 psi	
Nominal Motor Power	15 kW	20 HP
Maximum Ambient Temperature	113 °F	
Minimum Ambient Temperature	41 °F	

WORKING DATA

ACFM Max	90 cfm	
Total Package Max Current Draw at Full Load	14 kW	52 A
Total Power at No Load	2 kW	
Max Rotor Speed	4860 rpm	
Noise Level	65 dB	

MAIN MOTOR

Driving System (Electric)	Inverter Drive	
Power Transmission	Direct	
Nominal Motor Power	15 kW	20 HP
N° Poles	2	
Max Motor Speed	3528 rpm	
Service Class	1.15	
Efficiency	IE3-91,9	
Form Factor	B35	
Protection	IP 55	

COOLING SYSTEM

Fan Motor Power	325.0 kW
Fan Motor Speed	2650 rpm
Protection	IP44 class
Insulation Class	F
Cooling Air Flow	2450 cfm

LUBRICATION

Oil Quantity	2 gallons
Oil Type	PneuTech PG46
Residual Oil	≤ 3 ÷ 5 ppm

MACHINE DIMENSIONS AND WEIGHT

W x D x H	54 X 27 X 47 inches
Weight	822 lbs
Outlet Air Diameter	G 3/4"

Technical Specifications

RK-20VSD-110B-L

110 PSI 230 V 60 Hz 3 Phase

GENERAL DATA

Nominal Working Pressure	110 psi	
Nominal Motor Power	15 kW	20 HP
Maximum Ambient Temperature	113 °F	
Minimum Ambient Temperature	41 °F	

WORKING DATA

ACFM Max	85 cfm	
Total Package Max Current Draw at Full Load	15 kW	52 A
Total Power at No Load	3 kW	
Max Rotor Speed	4860 rpm	
Noise Level	65 dB	

MAIN MOTOR

Driving System (Electric)	Inverter Drive	
Power Transmission	Direct	
Nominal Motor Power	15 kW	20 HP
N° Poles	2	
Max Motor Speed	3528 rpm	
Service Class	1.15	
Efficiency	IE3-91,9	
Form Factor	B35	
Protection	IP 55	

COOLING SYSTEM

Fan Motor Power	325.0 kW
Fan Motor Speed	2650 rpm
Protection	IP44 class
Insulation Class	F
Cooling Air Flow	2450 cfm

LUBRICATION

Oil Quantity	2 gallons
Oil Type	PneuTech PG46
Residual Oil	≤ 3 ÷ 5 ppm

MACHINE DIMENSIONS AND WEIGHT

W x D x H	54 X 27 X 47 inches
Weight	822 lbs
Outlet Air Diameter	G 3/4"

Technical Specifications

RK-20VSD-125B-L

125 PSI 230 V 60 Hz 3 Phase

GENERAL DATA

Nominal Working Pressure	125 psi	
Nominal Motor Power	15 kW	20 HP
Maximum Ambient Temperature	113 °F	
Minimum Ambient Temperature	41 °F	

WORKING DATA

ACFM Max	78 cfm	
Total Package Max Current Draw at Full Load	15 kW	52 A
Total Power at No Load	3 kW	
Max Rotor Speed	4860 rpm	
Noise Level	65 dB	

MAIN MOTOR

Driving System (Electric)	Inverter Drive	
Power Transmission	Direct	
Nominal Motor Power	15 kW	20 HP
N° Poles	2	
Max Motor Speed	3528 rpm	
Service Class	1.15	
Efficiency	IE3-91,9	
Form Factor	B35	
Protection	IP 55	

COOLING SYSTEM

Fan Motor Power	325.0 kW
Fan Motor Speed	2650 rpm
Protection	IP44 class
Insulation Class	F
Cooling Air Flow	2450 cfm

LUBRICATION

Oil Quantity	2 gallons
Oil Type	PneuTech PG46
Residual Oil	≤ 3 ÷ 5 ppm

MACHINE DIMENSIONS AND WEIGHT

W x D x H	54 X 27 X 47 inches
Weight	822 lbs
Outlet Air Diameter	G 3/4"