

## Technical Specifications

### RK-40VSD-100B

**100 PSI                      460 V                      60 Hz                      3 Phase**

#### GENERAL DATA

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

#### WORKING DATA

ACFM Max	<b>181</b> cfm	
Total Package Max Current Draw at Full Load	<b>29</b> kW	<b>52</b> A
Total Power at No Load	<b>5</b> kW	
Max Rotor Speed	<b>4620</b> rpm	
Noise Level	<b>66</b> dB	

#### MAIN MOTOR

Driving System (Electric)	<b>Inverter Drive</b>	
Power Transmission	<b>Direct</b>	
Nominal Motor Power	<b>30</b> kW	<b>40</b> HP
N° Poles	<b>2</b>	
Max Motor Speed	<b>3552</b> rpm	
Service Class	<b>1.15</b>	
Efficiency	<b>IE3-93,3</b>	
Form Factor	<b>B35</b>	
Protection	<b>IP 55</b>	

#### COOLING SYSTEM

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

#### LUBRICATION

Oil Quantity	<b>3</b> gallons
Oil Type	<b>PneuTech PG46</b>
Residual Oil	<b>≤ 3 ÷ 5</b> ppm

#### MACHINE DIMENSIONS AND WEIGHT

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

## Technical Specifications

### RK-40VSD-110B

**110 PSI      460 V      60 Hz      3 Phase**

#### GENERAL DATA

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

#### WORKING DATA

ACFM Max	<b>172</b> cfm	
Total Package Max Current Draw at Full Load	<b>29</b> kW	<b>52</b> A
Total Power at No Load	<b>5</b> kW	
Max Rotor Speed	<b>4620</b> rpm	
Noise Level	<b>66</b> dB	

#### MAIN MOTOR

Driving System (Electric)	<b>Inverter Drive</b>	
Power Transmission	<b>Direct</b>	
Nominal Motor Power	<b>30</b> kW	<b>40</b> HP
N° Poles	<b>2</b>	
Max Motor Speed	<b>3552</b> rpm	
Service Class	<b>1.15</b>	
Efficiency	<b>IE3-93,3</b>	
Form Factor	<b>B35</b>	
Protection	<b>IP 55</b>	

#### COOLING SYSTEM

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

#### LUBRICATION

Oil Quantity	<b>3</b> gallons
Oil Type	<b>PneuTech PG46</b>
Residual Oil	<b>≤ 3 ÷ 5</b> ppm

#### MACHINE DIMENSIONS AND WEIGHT

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

## Technical Specifications

### RK-40VSD-125B

**125 PSI                      460 V                      60 Hz                      3 Phase**

#### GENERAL DATA

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

#### WORKING DATA

ACFM Max	<b>159</b> cfm	
Total Package Max Current Draw at Full Load	<b>29</b> kW	<b>52</b> A
Total Power at No Load	<b>6</b> kW	
Max Rotor Speed	<b>4620</b> rpm	
Noise Level	<b>66</b> dB	

#### MAIN MOTOR

Driving System (Electric)	<b>Inverter Drive</b>	
Power Transmission	<b>Direct</b>	
Nominal Motor Power	<b>30</b> kW	<b>40</b> HP
N° Poles	<b>2</b>	
Max Motor Speed	<b>3552</b> rpm	
Service Class	<b>1.15</b>	
Efficiency	<b>IE3-93,3</b>	
Form Factor	<b>B35</b>	
Protection	<b>IP 55</b>	

#### COOLING SYSTEM

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

#### LUBRICATION

Oil Quantity	<b>3</b> gallons
Oil Type	<b>PneuTech PG46</b>
Residual Oil	<b>≤ 3 ÷ 5</b> ppm

#### MACHINE DIMENSIONS AND WEIGHT

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