

## Technical Specifications

### RK-25VSD-100B-L

**100 PSI      230 V      60 Hz      3 Phase**

#### GENERAL DATA

Nominal Working Pressure	<b>100</b> psi	
Nominal Motor Power	<b>19</b> kW	<b>25</b> HP
Maximum Ambient Temperature	<b>113</b> °F	
Minimum Ambient Temperature	<b>41</b> °F	

#### WORKING DATA

ACFM Max	<b>112</b> cfm	
Total Package Max Current Draw at Full Load	<b>18</b> kW	<b>63</b> A
Total Power at No Load	<b>5</b> kW	
Max Rotor Speed	<b>3439</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>19</b> kW	<b>25</b> HP
N° Poles	<b>2</b>	
Max Motor Speed	<b>3516</b> rpm	
Service Class	<b>1.15</b>	
Efficiency	<b>IE3-92,4</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>1225</b> lbs
Outlet Air Diameter	<b>G 1 1/4"</b>

## Technical Specifications

### RK-25VSD-110B-L

**110 PSI      230 V      60 Hz      3 Phase**

#### GENERAL DATA

Nominal Working Pressure	<b>110 psi</b>	
Nominal Motor Power	<b>19 kW</b>	<b>25 HP</b>
Maximum Ambient Temperature	<b>113 °F</b>	
Minimum Ambient Temperature	<b>41 °F</b>	

#### WORKING DATA

ACFM Max	<b>106 cfm</b>	
Total Package Max Current Draw at Full Load	<b>18 kW</b>	<b>64 A</b>
Total Power at No Load	<b>5 kW</b>	
Max Rotor Speed	<b>3439 rpm</b>	
Noise Level	<b>66 dB</b>	

#### MAIN MOTOR

Driving System (Electric)	<b>Inverter Drive</b>	
Power Transmission	<b>Direct</b>	
Nominal Motor Power	<b>19 kW</b>	<b>25 HP</b>
N° Poles	<b>2</b>	
Max Motor Speed	<b>3516 rpm</b>	
Service Class	<b>1.15</b>	
Efficiency	<b>IE3-92,4</b>	
Form Factor	<b>B35</b>	
Protection	<b>IP 55</b>	

#### COOLING SYSTEM

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

#### LUBRICATION

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

#### MACHINE DIMENSIONS AND WEIGHT

W x D x H	<b>65 X 30 X 56 inches</b>
Weight	<b>1225 lbs</b>
Outlet Air Diameter	<b>G 1 1/4"</b>

## Technical Specifications

### RK-25VSD-125B-L

**125 PSI      230 V      60 Hz      3 Phase**

#### GENERAL DATA

Nominal Working Pressure	<b>125</b> psi	
Nominal Motor Power	<b>19</b> kW	<b>25</b> HP
Maximum Ambient Temperature	<b>113</b> °F	
Minimum Ambient Temperature	<b>41</b> °F	

#### WORKING DATA

ACFM Max	<b>99</b> cfm	
Total Package Max Current Draw at Full Load	<b>18</b> kW	<b>65</b> A
Total Power at No Load	<b>6</b> kW	
Max Rotor Speed	<b>3439</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>19</b> kW	<b>25</b> HP
N° Poles	<b>2</b>	
Max Motor Speed	<b>3516</b> rpm	
Service Class	<b>1.15</b>	
Efficiency	<b>IE3-92,4</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>1225</b> lbs
Outlet Air Diameter	<b>G 1 1/4"</b>