

## RK-30F

125 Psi

460 V

60 hZ

3 ph

### GENERAL DATA

Nominal Working Pressure	8 bar	125 Psi
Mecchanical Motor Power	22 kW	30 Hp
Max ambient temperature	45 °C	113 °F
Min ambient temperature	5 °C	41 °F
Screw model	KV 110	
Rotor dimension	111,3 mm	Outside main diameter 4,4 Inch

### WORKING DATA

F.A.D. Max	3380 l/min	3,38 m3/min	202,8 m3/h	119,6 CFM
Total power Max at full load	29,6 kW			
Total power at no load	16,3 kW			
Max rotor speed	4011 rpm			
Noise level	66 dB/(A)			

### MAIN MOTOR

Driving System (Electric)	Star/Delta		
Power Transmission	Belt		
Nominal motor power	18,5 kW	25 Hp	
N° Poles	2		
Max Motor Speed	3530 rpm		
Service factor	1,15		
Efficiency	IE3-92,7 %		
Form factor	B35		
Protection	IP 55		

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## COOLING SYSTEM

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Fan motor power **950 Watt**

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Fan motor speed **1510 rpm**

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Protection **IP 54 class**

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Insulation Class **F**

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Cooling air flow **4800 m3/h**

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## LUBRICATION

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Oil quantity **12 Lt** **3,2 Gal**

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Type oil **OIL SCREW PLUS 46**

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Residual oil **≤ 3 + 5 ppm**

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## MACHINE DIMENSIONS AND WEIGHT

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W x D x H **106 x 86 x 124 cm** **41,7 x 33,9 x 48,8 Inch**

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Weight **495 Kg** **1091,0 Lbs**

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Outlet air diameter **G 1 1/4" Gas**

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## PACKAGE DIMENSIONS AND WEIGHT

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W x D x H **115 x 95 x 142 cm** **45,3 x 37,4 x 55,9 Inch**

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Weight **525 Kg** **1156,0 Lbs**

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