

RK-50F-125B

116 Psi

460 V

60 hz

3 ph

GENERAL DATA

Nominal Working Pressure	8 bar			116 Psi
Mecchanical Motor Power	37 kW			50 Hp
Max ambient temperature	45 °C			113 °F
Min ambient temperature	5 °C			41 °F
Screw model	KV 130			
Rotor dimension	135,5 mm	Outside main diameter		5,3 Inch

WORKING DATA

F.A.D. Max	5760 l/min	5,76 m3/min	345,6 m3/h	203,4 CFM
Total power Max at full load	45,9 kW			
Total power at no load	21,0 kW			
Max rotor speed	3515 rpm			
Noise level	70 dB/(A)			

MAIN MOTOR

Driving System (Electric)	Star/Delta			
Power Transmission	Belt			
Nominal motor power	45,0 kW			60,0 Hp
N° Poles	2			
Max Motor Speed	3558 rpm			
Service factor	1,15			
Efficiency	IE3-94 %			
Form factor	B35			
Protection	IP 55			

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COOLING SYSTEM

Fan motor power	810 Watt
Fan motor speed	1320 rpm
Protection	IP 54 class
Insulation Class	F
Cooling air flow	9000 m ³ /h

LUBRICATION

Oil quantity	20 Lt	5,3 Gal
Type oil	OIL SCREW PLUS 46	
Residual oil	≤ 3 ÷ 5 ppm	

MACHINE DIMENSIONS AND WEIGHT

W x D x H	194 x 107 x 180 cm	76,4 x 42,1 x 70,9 Inch
Weight	1030 Kg	2270,1 Lbs
Outlet air diameter	G 1 1/2" Gas	

PACKAGE DIMENSIONS AND WEIGHT

W x D x H	213 x 122 x 190 cm	83,9 x 48,0 x 74,8 Inch
Weight	1152 Kg	2537,9 Lbs

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Design and specifications are subject to change without notice or obligation.