

RK-30F-125B

8 bar 230 V 60 hz 3 ph

GENERAL DATA

Nominal Working Pressure	8 bar	116 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	

WORKING DATA

F.A.D. Max	3455 l/min	3,46 m3/min	207,3 m3/h	122,0 CFM
Total power Max at full load	27,6 kW			
Total current at full load	86,9 A			
Total power at no load	13,9 kW			
Total current at no load	45,0 A			
Max rotor speed	3796 rpm			
Noise level	66 dB/(A)			

MAIN MOTOR

Driving System (Electric)	Star/Delta		
Power Transmission	Belt		
Nominal motor power	22,0 kW	30,0 Hp	
N° Poles	2		
Max Motor Speed	3530 rpm		
Power factor (At full load)	0,83 cos phi		
Service Class	S1 100%		
Efficiency	IE1 %		
IEC	M 160		
Form factor	B35		
Protection	IP 55		

COOLING SYSTEM

Fan motor power	690 Watt		
Fan motor speed	1350 rpm		
Protection	IP 54 class		
Insulation Class	F		
Cooling air flow	1350 m3/h		

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LUBRICATION

Oil quantity	12 Lt	3,2 Gal
Type oil	OIL SCREW PLUS 46	
Residual oil	≤ 3 ÷ 5 ppm	

MACHINE DIMENSIONS AND WEIGHT

W x D x H	106 x 86 x 124 cm	41,7 x 33,9 x 48,8 Inch
Weight	458,5 Kg	1010,5 Lbs
Outlet air diameter	G 1 1/4"	

PACKAGE DIMENSIONS AND WEIGHT

W x D x H	115 x 95 x 142 cm	45,3 x 37,4 x 55,9 Inch
Weight	488 Kg	1075,6 Lbs
