

## RK-25F-125B

116 Psi      230 V    60    hZ      3 ph

### GENERAL DATA

Nominal Working Pressure	8 bar	116 Psi
Mecchanical Motor Power	18,5 kW	25 Hp
Max ambient temperature	45 °C	113 °F
Min ambient temperature	5 °C	41 °F
Screw model	KV 90	
Rotor dimension	89,4 mm	Outside main diameter 3,5 Inch

### WORKING DATA

F.A.D. Max	2888 l/min	2,89 m3/min	173,3 m3/h	102,0 CFM
Total power Max at full load	22,7 kW			
Total power at no load	9,5 kW			
Max rotor speed	6285 rpm			
Noise level	66 dB/(A)			

### MAIN MOTOR

Driving System (Electric)	Star/Delta		
Power Transmission	Belt		
Nominal motor power	18,5 kW	25,0 Hp	
N° Poles	2		
Max Motor Speed	3520 rpm		
Service factor	S1 100%		
Efficiency	IE1 %		
Form factor	B35		
Protection	IP 55		

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## COOLING SYSTEM

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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

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Oil quantity	12 Lt	3,2 Gal
Type oil	OIL SCREW PLUS 46	
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
Weight	388 Kg	854,1 Lbs
Outlet air diameter	G 1 1/4"	

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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
Weight	412 Kg	908,0 Lbs

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

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RK-25F-125B 230V 11/16/2021