RENNER Kompressoren

Technical data

RS-H 11,0 IE3

RENNER-Screw compressor



Performance data		
Capacity at gauged pressure[1]	**bar**	**m³/min**
	18	0,97
	20	0,90
Electrical data		
Voltage	V	400
Frequency	Hz	50
Nominal motor power	kW	11,0
Efficiency class	IE	3
Motor efficiency	%	90,5
Nominal motor current	A	20,1
Initial current motor	A	50,3
Motor speed	1/min	2950
Protection motor	IP	55
Isolation class	ISO	F
Type	-	B3
Fan power (external)	kW	-
Section of electrical cable	mm²	6
Recommended HRC fuse	A	35
Start	-	YΔ
Cooling		
Cooling air required	m³/h	1950
Cooling air required with refrigeration dryer	m³/h	2250
Cooling air temperature above ambient temperature	K	20
Residual pressure[2]	Pa (20°C)	ca. 60
Compressor data		
Air end	Type	TYP 8
Oil capacity	l	5,5
Oil carry over[3]	mg/m³	1 - 3
Compressed air outlet	-	3/4"
Compressed air temperature above ambient temperature	K	7 - 15
Ambient temperature	°C	min. +2 / max. + 40

[1]according to ISO 1217 Annex C
[2]depending on intake air temperature and motor speed
[3]the specified value may vary depending on the system configuration and operating conditions

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Equipment features

	Dimensions	Weight	Refrigeration dryer	Air receiver			Sound level[4] [dB(A)]	
	L x W x H	[kg]	DTP[6] 3°C	[l]	Hand hole	AD2000	without SDB[5]	SDB[5]
RS-H	1137 x 662 x 1034	316	-	-	-	-	-	70
RSK-H	1503 x 662 x 1034	346	✔	-	-	-	-	70

[4]according to DIN EN ISO 2151:2009
[5]Rear duct silencer (SDB)
[6]pressure dew point(DTP); the specified value may vary depending on the system configuration and operating conditions
Subject to technical changes without notice