

Technical data

RS-PRO 7,5 IE3 | IE4

RENNER-Screw compressor

Performance data

	bar	m³/min
Capacity at gauged pressure ¹	7,5	1,25
	10	1,09
	13	0,86
	15	0,79

Electrical data

Voltage	V	400
Frequency	Hz	50
Nominal motor power	kW	7,5
Efficiency class	IE	3 4
Motor efficiency	%	90,8 91,7
Nominal motor current	A	13,9 13,7
Initial current motor	A	39,3
Motor speed	1/min	2935 2940
Protection motor	IP	55
Isolation class	ISO	F
Type	-	B3
Fan power (external)	kW	-
Section of electrical cable	mm²	4
Recommended HRC fuse	A	25
Start	-	YΔ

Cooling

Cooling air required	m³/h	980
Cooling air required with refrigeration dryer	m³/h	1280
Cooling air temperature above ambient temperature	K	20
Residual pressure ²	Pa (20°C)	ca. 60

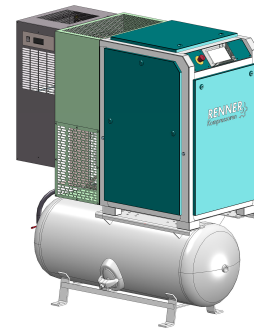
Compressor data

Air end	Type	PRO2-NK
Oil capacity	l	3,15
Oil carry over ³	mg/m³	1 - 3
Compressed air outlet	-	1/2"
Compressed air temperature above ambient temperature	K	7 - 15
Ambient temperature	°C	min. +2 / max. + 40

¹according to ISO 1217 Annex C

²depending on intake air temperature and motor speed

³the 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-PRO	540 x 553 x 1014	198	-	-	-	-	67	-
	740 x 553 x 1014	212	-	-	-	-	-	63
RSK-PRO	994 x 553 x 1014	251	✓	-	-	-	-	63
RSD-PRO	982 x 755 x 1550	294	-	2x90	-	✓	67	-
	980 x 755 x 1550	308	-	2x90	-	✓	-	63
	1397 x 612 x 1624	284	-	250	✓	✓	67	-
	1397 x 612 x 1624	298	-	250	✓	✓	-	63
	1490 x 553 x 1609	292	-	270 ECN	-	✓	67	-
	1490 x 553 x 1609	306	-	270 ECN	-	✓	-	63
	1778 x 668 x 1729	339	-	500	✓	✓	67	-
	1778 x 668 x 1729	353	-	500	✓	✓	-	63
	1915 x 610 x 1704	372	-	500 ECN	-	✓	67	-
	1915 x 610 x 1704	363	-	500 ECN	-	✓	-	63
RSDK-PRO	1035 x 755 x 1550	347	✓	2x90	-	✓	-	63
	1397 x 612 x 1624	337	✓	250	✓	✓	-	63
	1490 x 553 x 1609	345	✓	270 ECN	-	✓	-	63
	1778 x 668 x 1729	392	✓	500	✓	✓	-	63
	1915 x 610 x 1704	402	✓	500 ECN	-	✓	-	63

⁴according to DIN EN ISO 2151:2009

⁵Rear duct silencer (SDB)

⁶pressure dew point(DTP); the specified value may vary depending on the system configuration and operating conditions

Subject to technical changes without notice