

Compressed air for all your needs!

RS-B 2.2 – 11.0

 Made in Germany



Motor power: 2.2 to 11.0 kW



RS-B 2.2 – 11.0 kW



RSK-B 2.2 – 11.0 kW



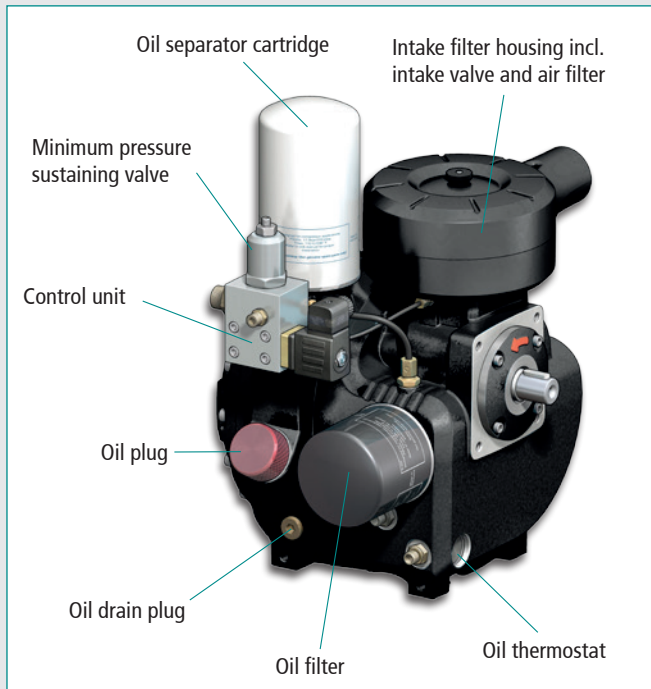
RSD-B 2.2 – 11.0 kW



RSDK-B 2.2 – 11.0 kW

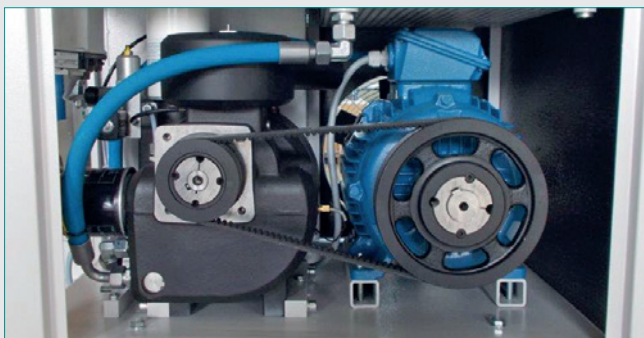
RS-B Screw Compressors – the compact, high-performance and robust series from RENNER.

In the development of the new compact series the key features focused on were high-performance compressed air supply requiring little space and providing easy access to parts to be serviced.

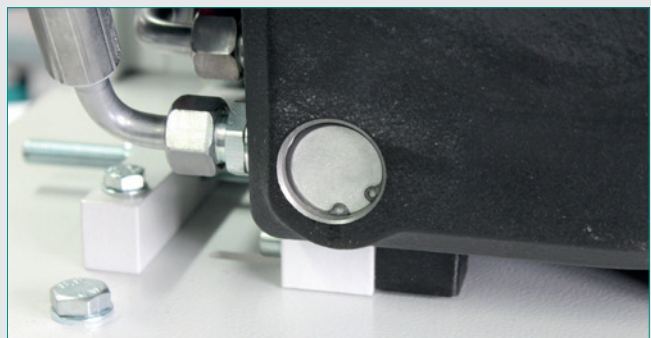


Design features and advantages of the RS-B series:

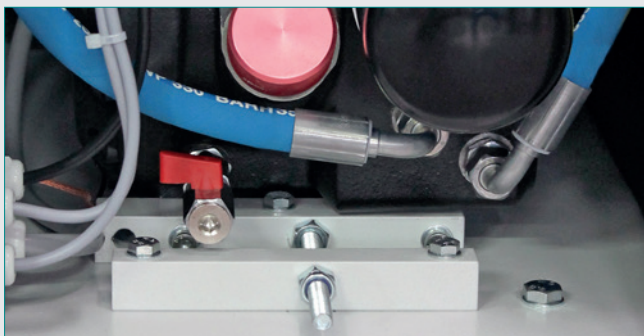
- 2-year full functional warranty
- Maintenance-friendly due to easily removable doors
- The right solution for all requirements: as a freestanding system, with attached refrigeration dryer and as a complete unit on air receiver in various sizes
- Intensive cooling combined with an effective oil-air cooler guarantees operational safety and excellent air quality
- Developed for industrial use – including continuous operation
- Standard components by German brand manufacturers provide a high standard of quality and flexibility in the event of faults
- High-performance compact air end with integrated oil thermo valve
- Compact design, therefore lower space requirement
- Control via RENNERlogic
- Optional extras: RENNERtronic/RENNERtronic Plus electronic control



Encapsulated air end: no separate oil separator vessel and easy access for maintenance.



No lines and connecting elements are required due to the integrated oil thermo valve.



Easy belt tensioning: by adjusting the air end via an adjusting screw, the belt is tensioned and secured.



The RS-B is optionally available with an auxiliary pre-filter frame with filter mat to protect against dirt and RENNERtronic or RENNERtronic Plus.



RENNER Screw Compressors

RS-B 2.2 – 11.0

RS-B 2.2 – 11.0

Model	Free air delivery m³/min / cfm				Motor power		Compressed air outlet inch	Noise level dB(A) ⁽¹⁾	Dimensions L x W x H mm	Weight kg
	7.5 bar		10 bar		kW	HP				
RS-B 2.2	0.34	12	0.27	10	2.2	3.0	G½	66	716 x 536 x 495	124
RS-B 3.0	0.46	16	0.38	13	3.0	4.0	G½	70	716 x 536 x 495	133
RS-B 4.0	0.64	23	0.53	19	4.0	5.5	G½	70	716 x 536 x 495	133
RS-B 5.5	0.83	30	0.74	26	5.5	7.5	G½	75	716 x 536 x 495	159
RS-B 7.5	1.13	40	1.02	36	7.5	10.0	G½	78	776 x 556 x 597	189
RS-B 11.0	1.57	55	1.54	54	11.0	15.0	G½	81	776 x 556 x 597	207

⁽¹⁾ according to DIN EN ISO 2151:2009



RENNER Screw Compressors

RSK-B 2.2 – 11.0 with attached refrigeration dryer

RSK-B 2.2 – 11.0

Model	Free air delivery m³/min / cfm				Motor power		Compressed air outlet inch	Noise level dB(A) ⁽¹⁾	Dimensions L x W x H mm	Weight kg
	7.5 bar		10 bar		kW	HP				
RSK-B 2.2	0.34	12	0.27	10	2.2	3.0	G½	66	971 x 536 x 705	160
RSK-B 3.0	0.46	16	0.38	13	3.0	4.0	G½	70	971 x 536 x 705	169
RSK-B 4.0	0.64	23	0.53	19	4.0	5.5	G½	70	971 x 536 x 705	169
RSK-B 5.5	0.83	30	0.74	26	5.5	7.5	G½	75	971 x 536 x 705	195
RSK-B 7.5	1.13	40	1.02	36	7.5	10.0	G½	78	1031 x 556 x 721	225
RSK-B 11.0	1.57	55	1.54	54	11.0	15.0	G½	81	1031 x 556 x 721	243

⁽¹⁾ according to DIN EN ISO 2151:2009

Options for RS-B and RSK-B:

	Part no.
Star-delta-starter for all 3.0 kW and 4.0 kW compressors (from 5.5 kW inclusive)	10866
Rotation direction control via phase rotation control	10867
Electronic control RENNERtronic	10869
Electronic control RENNERtronic Plus	00829
Level actuated drain for refrigeration dryer (only for RSK)	05311
Auxiliary pre-filter frame with filter mat for 2.2 – 5.5 kW	16269
Auxiliary pre-filter frame with filter mat for 7.5 – 11.0 kW	16270
Rack for RS-B 2.2 – 11.0 and for RSK-B 2.2 – 11.0	16529

We reserve the right to make technical modifications.



RENNER Screw Compressors

RSD-B 2.2 – 11.0 on air receiver according to AD2000 directives (from 250 ltr with hand-hole)

RSD-B 2.2 – 11.0

Model	Free air delivery m³/min / cfm				Motor power		Compressed air outlet inch	Noise level dB(A) ⁽¹⁾	Air receiver liter	Dimensions L x W x H mm	Weight kg
	7.5 bar		10 bar		kW	HP					
RSD-B 2.2	0.34	12	0.27	10	2.2	3.0	G½	66	90	985 x 536 x 995	175
RSD-B 3.0	0.46	16	0.38	13	3.0	4.0	G½	70	90	985 x 536 x 995	184
RSD-B 4.0	0.64	23	0.53	19	4.0	5.5	G½	70	90	985 x 536 x 995	184
RSD-B 5.5	0.83	30	0.74	26	5.5	7.5	G½	75	90	985 x 536 x 995	210
RSD-B 2.2	0.34	12	0.27	10	2.2	3.0	G½	66	2x90	980 x 765 x 1076	220
RSD-B 3.0	0.46	16	0.38	13	3.0	4.0	G½	70	2x90	980 x 765 x 1076	229
RSD-B 4.0	0.64	23	0.53	19	4.0	5.5	G½	70	2x90	980 x 765 x 1076	229
RSD-B 5.5	0.83	30	0.74	26	5.5	7.5	G½	75	2x90	980 x 765 x 1076	255
RSD-B 7.5	1.13	40	1.02	36	7.5	10.0	G½	78	2x90	980 x 765 x 1148	285
RSD-B 2.2	0.34	12	0.27	10	2.2	3.0	G½	66	250	1397 x 607 x 1130	210
RSD-B 3.0	0.46	16	0.38	13	3.0	4.0	G½	70	250	1397 x 607 x 1130	219
RSD-B 4.0	0.64	23	0.53	19	4.0	5.5	G½	70	250	1397 x 607 x 1130	219
RSD-B 5.5	0.83	30	0.74	26	5.5	7.5	G½	75	250	1397 x 607 x 1130	245
RSD-B 7.5	1.13	40	1.02	36	7.5	10.0	G½	78	250	1397 x 617 x 1202	275
RSD-B 11.0	1.57	55	1.54	54	11.0	15.0	G½	81	250	1397 x 617 x 1202	293

⁽¹⁾ according to DIN EN ISO 2151:2009

Options:	Part no.
Star-delta-starter for all 3.0 kW and 4.0 kW compressors (from 5.5 kW inclusive)	10866
Rotation direction control via phase rotation control	10867
500 ltr air receiver (supplement on price of 250 ltr air receiver version)	10871
Galvanized 90 ltr air receiver (only up to 10 bar)	02838
Galvanized 250 ltr air receiver (supplement on price of powder-coated 250 ltr air receiver version)	10868
Galvanized 500 ltr air receiver (supplement on price of powder-coated 500 ltr air receiver version)	10870
Electronic control RENNERtronic	10869
Electronic control RENNERtronic Plus	00829
Kit for air receiver with level-controlled condensate drain	03162
Kit for 2x90 ltr air receiver with level-controlled condensate drain	13274
Metal bumper set for 90 ltr air receiver (consisting of 4 pieces, each Ø 75 mm / height 15 mm)	15220
Metal bumper set for 250/270/500 ltr air receiver (consisting of 4 pieces, each Ø 75 mm / height 40 mm)	15221
Auxiliary pre-filter frame with filter mat for 2.2 – 5.5 kW	16269
Auxiliary pre-filter frame with filter mat for 7.5 – 11.0 kW	16270



RENNER Screw Compressors

RSDK-B 2.2 – 11.0 on air receiver according to AD2000 directives
(from 250 ltr with handhole) with attached refrigeration dryer

RSDK-B 2.2 – 11.0

Model	Free air delivery m³/min / cfm				Motor power		Compressed air outlet inch	Noise level dB(A) ⁽¹⁾	Air receiver liter	Dimensions L x W x H mm	Weight kg
	7.5 bar		10 bar		kW	HP					
RSDK-B 2.2	0.34	12	0.27	10	2.2	3.0	G½	66	90	1044 x 536 x 1175	211
RSDK-B 3.0	0.46	16	0.38	13	3.0	4.0	G½	70	90	1044 x 536 x 1175	220
RSDK-B 4.0	0.64	23	0.53	19	4.0	5.5	G½	70	90	1044 x 536 x 1175	220
RSDK-B 5.5	0.83	30	0.74	26	5.5	7.5	G½	75	90	1044 x 536 x 1175	246
RSDK-B 2.2	0.34	12	0.27	10	2.2	3.0	G½	66	2x90	980 x 765 x 1257	256
RSDK-B 3.0	0.46	16	0.38	13	3.0	4.0	G½	70	2x90	980 x 765 x 1257	265
RSDK-B 4.0	0.64	23	0.53	19	4.0	5.5	G½	70	2x90	980 x 765 x 1257	265
RSDK-B 5.5	0.83	30	0.74	26	5.5	7.5	G½	75	2x90	980 x 765 x 1257	291
RSDK-B 7.5	1.13	40	1.02	36	7.5	10.0	G½	78	2x90	1031 x 765 x 1273	321
RSDK-B 2.2	0.34	12	0.27	10	2.2	3.0	G½	66	250	1397 x 607 x 1309	246
RSDK-B 3.0	0.46	16	0.38	13	3.0	4.0	G½	70	250	1397 x 607 x 1309	255
RSDK-B 4.0	0.64	23	0.53	19	4.0	5.5	G½	70	250	1397 x 607 x 1309	255
RSDK-B 5.5	0.83	30	0.74	26	5.5	7.5	G½	75	250	1397 x 607 x 1309	281
RSDK-B 7.5	1.13	40	1.02	36	7.5	10.0	G½	78	250	1397 x 617 x 1326	311
RSDK-B 11.0	1.57	55	1.54	54	11.0	15.0	G½	81	250	1397 x 617 x 1326	329

⁽¹⁾ according to DIN EN ISO 2151:2009

Options:	Part no.
Star-delta-starter for all 3.0 kW and 4.0 kW compressors (from 5.5 kW inclusive)	10866
Rotation direction control via phase rotation control	10867
500 ltr air receiver (supplement on price of 250 ltr air receiver version)	10871
Galvanized 90 ltr air receiver (only up to 10 bar)	02838
Galvanized 250 ltr air receiver (supplement on price of powder-coated 250 ltr air receiver version)	10868
Galvanized 500 ltr air receiver (supplement on price of powder-coated 500 ltr air receiver version)	10870
Electronic control RENNERtronic	10869
Electronic control RENNERtronic Plus	00829
Level actuated drain for refrigeration dryer	05311
Kit for air receiver with level-controlled condensate drain	03162
Kit for 2x90 ltr air receiver with level-controlled condensate drain	13274
Metal bumper set for 90 ltr air receiver (consisting of 4 pieces. each Ø 75 mm / height 15 mm)	15220
Metal bumper set for 250/270/500 ltr air receiver (consisting of 4 pieces. each Ø 75 mm / height 40 mm)	15221
Auxiliary pre-filter frame with filter mat for 2.2 – 5.5 kW	16269
Auxiliary pre-filter frame with filter mat for 7.5 – 11.0 kW	16270



RENNER Screw Compressors

RSD-B ECN 2.2 – 11.0 on ECN air receiver

RSDK-B ECN 2.2 – 11.0 on ECN air receiver with attached refrigeration dryer

ECN air receiver with inspection opening 2" according to AD2000 directives.

RSD-B 2.2 – 11.0 / RSDK-B 2.2 – 11.0

Model	Free air delivery m ³ /min / cfm				Motor power		Compressed air outlet inch	Noise level dB(A) ⁽¹⁾	Air receiver liter	Dimensions L x W x H mm	Weight kg
	7.5 bar		10 bar		kW	HP					
RSD-B ECN 2.2	0.34	12	0.27	10	2.2	3.0	G½	66	270	1490 x 537 x 1115	218
RSD-B ECN 3.0	0.46	16	0.38	13	3.0	4.0	G½	70	270	1490 x 537 x 1115	227
RSD-B ECN 4.0	0.64	23	0.53	19	4.0	5.5	G½	70	270	1490 x 537 x 1115	227
RSD-B ECN 5.5	0.83	30	0.74	26	5.5	7.5	G½	75	270	1490 x 537 x 1115	253
RSD-B ECN 7.5	1.13	40	1.02	36	7.5	10.0	G½	78	270	1490 x 557 x 1187	283
RSD-B ECN 11.0	1.57	55	1.54	54	11.0	15.0	G½	81	270	1490 x 557 x 1187	304
RSDK-B ECN 2.2	0.34	12	0.27	10	2.2	3.0	G½	66	270	1490 x 537 x 1294	254
RSDK-B ECN 3.0	0.46	16	0.38	13	3.0	4.0	G½	70	270	1490 x 537 x 1294	263
RSDK-B ECN 4.0	0.64	23	0.53	19	4.0	5.5	G½	70	270	1490 x 537 x 1294	263
RSDK-B ECN 5.5	0.83	30	0.74	26	5.5	7.5	G½	75	270	1490 x 537 x 1294	289
RSDK-B ECN 7.5	1.13	40	1.02	36	7.5	10.0	G½	78	270	1490 x 557 x 1311	319
RSDK-B ECN 11.0	1.57	55	1.54	54	11.0	15.0	G½	81	270	1490 x 557 x 1311	337

⁽¹⁾ according to DIN EN ISO 2151:2009

Options:	Part no.
Star-delta-starter for all 3.0 kW and 4.0 kW compressors (from 5.5 kW inclusive)	10866
Rotation direction control via phase rotation control	10867
500-ltr-ECN-air receiver	01714
Electronic control RENNERtronic	10869
Electronic control RENNERtronic Plus	00829
Level actuated drain for refrigeration dryer	05311
Kit for air receiver with level-controlled condensate drain	03162
Metal bumper set for 250/270/500 ltr air receiver (consisting of 4 pieces, each Ø 75 mm / height 40 mm)	15221
Auxiliary pre-filter frame with filter mat for 2.2 – 5.5 kW	16269
Auxiliary pre-filter frame with filter mat for 7.5 – 11.0 kW	16270



RENNER Screw Compressors

RSD-B 2.2 – 11.0 ST on galvanized, vertical air receiver
RSDK-B 2.2 – 11.0 ST on galvanized, vertical air receiver
with attached refrigeration dryer

Air receiver according to AD2000 directives with handhole.

RSD-B 2.2 – 11.0 ST / RSDK-B 2.2 – 11.0 ST

Model	Free air delivery m³/min / cfm				Motor power		Compressed air outlet	Noise level	Air receiver	Dimensions L x W x H	Weight
	7.5 bar		10 bar		kW	HP	inch	dB(A) ⁽¹⁾	liter	mm	kg
RSD-B 2.2 ST	0.34	12	0.27	10	2.2	3.0	G½	66	270	767 x 800 x 1690	221
RSD-B 3.0 ST	0.46	16	0.38	13	3.0	4.0	G½	70	270	767 x 800 x 1690	230
RSD-B 4.0 ST	0.64	23	0.53	19	4.0	5.5	G½	70	270	767 x 800 x 1690	230
RSD-B 5.5 ST	0.83	30	0.74	26	5.5	7.5	G½	75	270	767 x 800 x 1690	256
RSD-B 7.5 ST	1.13	40	1.02	36	7.5	10.0	G½	78	270	816 x 800 x 1747	286
RSD-B 11.0 ST	1.57	55	1.54	54	11.0	15.0	G½	81	270	816 x 800 x 1747	304
RSDK-B 2.2 ST	0.34	12	0.27	10	2.2	3.0	G½	66	270	950 x 800 x 1695	256
RSDK-B 3.0 ST	0.46	16	0.38	13	3.0	4.0	G½	70	270	950 x 800 x 1695	266
RSDK-B 4.0 ST	0.64	23	0.53	19	4.0	5.5	G½	70	270	950 x 800 x 1695	266
RSDK-B 5.5 ST	0.83	30	0.74	26	5.5	7.5	G½	75	270	950 x 800 x 1695	293
RSDK-B 7.5 ST	1.13	40	1.02	36	7.5	10.0	G½	78	270	986 x 800 x 1752	325
RSDK-B 11.0 ST	1.57	55	1.54	54	11.0	15.0	G½	81	270	986 x 800 x 1752	356

⁽¹⁾according to DIN EN ISO 2151:2009

Options:	Part no.
Star-delta-starter for all 3.0 kW and 4.0 kW compressors (from 5.5 kW inclusive)	10866
Rotation direction control via phase rotation control	10867
Electronic control RENNERtronic	10869
Electronic control RENNERtronic Plus	00829
Level actuated drain for refrigeration dryer for RSDK-B ST	05311
Kit for air receiver with level-controlled condensate drain	05171
Metal bumper set for 270 ltr air receiver vertical (consisting of 3 pieces, each Ø 80 mm / height 20 mm)	05170
Auxiliary pre-filter frame with filter mat for 2.2 – 5.5 kW	16269
Auxiliary pre-filter frame with filter mat for 7.5 – 11.0 kW	16270

RENNER – THE SPECIALIST IN COMPRESSORS



Founded in 1994, this family run company employs a highly motivated and successful team specialising in the development and production of economic compressor systems. The structure and size of the company guarantees flexible decision-making and quick realisation, thus ensuring that new developments meet the needs of the market.

THE RENNER MANUFACTURING AND SUPPLY PROGRAMME:

We can supply you with the right compressor for any application – guaranteed.

SCREW COMPRESSORS:

- from 2.2 – 355.0 kW, also for oil-free compressed air of breathable quality
- water-injected screw compressors from 18.5 – 120.0 kW 
- up to 40 bar, e.g. for manufacture of PET bottles
- as compact units with compressed air tank, refrigerant drier and frequency control
- special version with plate heat exchanger – save energy and money!
- customised models, mobile/portable, built-in units, designed to customer specifications
- for special applications: gas compression, operation of drilling apparatus, rail and special-purpose vehicles

SCROLL COMPRESSORS:

- for oil-free compressed air from 1.5 – 30.0 kW



PISTON COMPRESSORS:

- from 1.5 – 11.0 kW
- stationary or mobile, with or without sound insulation

COMPRESSED AIR ACCESSORIES:

- compressed air filters, air receivers, refrigeration dryers, adsorption dryers, condensate drains and oil/water separation systems

Supplied by your RENNER distributor:

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