



## Technical data

# RS-PRO 30,0 IE3

## RENNER-Screw compressor

### Performance data

|                                          | bar | m³/min |
|------------------------------------------|-----|--------|
| Capacity at gauged pressure <sup>1</sup> | 7,5 | 5,15   |
|                                          | 10  | 4,51   |
|                                          | 13  | 3,97   |
|                                          | 15  | 3,38   |

### Electrical data

|                             |       |      |
|-----------------------------|-------|------|
| Voltage                     | V     | 400  |
| Frequency                   | Hz    | 50   |
| Nominal motor power         | kW    | 30   |
| Efficiency class            | IE    | 3    |
| Motor efficiency            | %     | 93,3 |
| Nominal motor current       | A     | 54,6 |
| Initial motor current       | A     | 135  |
| Motor speed                 | 1/min | 2970 |
| Motor protection            | IP    | 55   |
| Isolation class             | ISO   | F    |
| Type                        | -     | 3    |
| Fan power (external)        | kW    | -    |
| Section of electrical cable | mm²   | 16   |
| Recommended HRC fuse        | A     | 63   |
| Start                       | -     | YΔ   |

### Cooling

|                                                   |           |        |
|---------------------------------------------------|-----------|--------|
| Cooling air required                              | m³/h      | 5700   |
| Cooling air temperature above ambient temperature | K         | 20     |
| Residual pressure <sup>2</sup>                    | Pa (20°C) | ca. 60 |

### Compressor data

|                                                      |       |                     |
|------------------------------------------------------|-------|---------------------|
| Air end                                              | Type  | PRO6-NK             |
| Öl capacity                                          | l     | 10                  |
| Oil carry over                                       | mg/m³ | 1 - 3               |
| Compressed air outlet                                | -     | 1¼                  |
| Compressed air temperature above ambient temperature | K     | 7 - 15              |
| Ambient temperature                                  | °C    | min. +2 / max. + 40 |

<sup>1</sup>according to ISO 1217 Annex C

<sup>2</sup>depending on intake air temperature and motor speed



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### Equipment features

|         | Dimensions        | Weight | Refrigeration dryer  | Receiver |           |        | Sound level <sup>3</sup> [dB(A)] |                  |                         |
|---------|-------------------|--------|----------------------|----------|-----------|--------|----------------------------------|------------------|-------------------------|
|         | L x W x H         | [kg]   | DTP <sup>5</sup> 3°C | [l]      | Hand hole | AD2000 | without SDB <sup>4</sup>         | SDB <sup>4</sup> | Super- SDB <sup>4</sup> |
| RS-PRO  | 1240 x 792 x 1372 | 605    | -                    | -        | -         | -      | -                                | 74               | -                       |
|         | 1388 x 792 x 1372 | 605    | -                    | -        | -         | -      | -                                | -                | 71                      |
| RSK-PRO | 1590 x 792 x 1372 | 683    | ✓                    | -        | -         | -      | -                                | 74               | -                       |
|         | 1738 x 747 x 1372 | 683    | ✓                    | -        | -         | -      | -                                | -                | 71                      |

<sup>3</sup>according to DIN EN ISO 2151:2009

<sup>4</sup>Rear duct silencer (SDB)

<sup>5</sup>Pressure dew point (DTP)

Subject to technical changes without notice