



# RSe11ne-A10

TIS L-FR1-V4 07e-11eRS-A-50-60Hz

## Technical Information Sheet

REV B

### Regulated Speed, Air Cooled

03.11.2025

## Performance Data RSe11ne-A10

Maximum working pressure	bar g	10.0												
Minimum working pressure	bar g	5.0												
Ambient temperature - min/max	°C	1 to 45												
Working pressure		min. speed	speed 1		speed 2		speed 3		speed 4		max. speed			
5 bar	FAD* (Male rotor speed - rpm)	m3/min	<b>0.70</b>	(2664)	<b>0.88</b>	(3295)	<b>1.07</b>	(3934)	<b>1.25</b>	(4581)	<b>1.43</b>	(5236)	<b>1.61</b>	(5900)
	Total input power* (P spec. - kW min/m <sup>3</sup> )	kW	4.77	(6.77)	5.75	(6.51)	6.81	(6.39)	7.92	(6.36)	9.10	(6.38)	10.36	(6.45)
6 bar	FAD*	m3/min	<b>0.69</b>	(2664)	<b>0.87</b>	(3289)	<b>1.05</b>	(3924)	<b>1.23</b>	(4571)	<b>1.41</b>	(5229)	<b>1.60</b>	(5900)
	Total input power*	kW	5.30	(7.67)	6.30	(7.23)	7.38	(7.01)	8.53	(6.91)	9.76	(6.90)	11.09	(6.95)
7 bar	FAD*	m3/min	<b>0.68</b>	(2664)	<b>0.86</b>	(3285)	<b>1.04</b>	(3918)	<b>1.22</b>	(4564)	<b>1.40</b>	(5225)	<b>1.58</b>	(5900)
	Total input power*	kW	5.82	(8.59)	6.83	(7.95)	7.94	(7.63)	9.13	(7.47)	10.42	(7.42)	11.82	(7.46)
7.5 bar	FAD*	m3/min	<b>0.67</b>	(2664)	<b>0.85</b>	(3284)	<b>1.03</b>	(3917)	<b>1.22</b>	(4563)	<b>1.40</b>	(5224)	<b>1.58</b>	(5900)
	Total input power*	kW	6.07	(9.04)	7.09	(8.31)	8.20	(7.92)	9.41	(7.73)	10.72	(7.67)	12.16	(7.70)
8 bar	FAD*	m3/min	<b>0.66</b>	(2664)	<b>0.85</b>	(3285)	<b>1.03</b>	(3918)	<b>1.21</b>	(4564)	<b>1.39</b>	(5225)	<b>1.58</b>	(5900)
	Total input power*	kW	6.31	(9.49)	7.33	(8.66)	8.46	(8.21)	9.69	(7.99)	11.03	(7.91)	12.50	(7.93)
9 bar	FAD*	m3/min	<b>0.65</b>	(2664)	<b>0.84</b>	(3288)	<b>1.02</b>	(3923)	<b>1.20</b>	(4569)	<b>1.39</b>	(5228)	<b>1.57</b>	(5900)
	Total input power*	kW	6.79	(10.41)	7.82	(9.36)	8.98	(8.81)	10.25	(8.52)	11.66	(8.41)	13.21	(8.41)
10 bar	FAD*	m3/min	<b>0.64</b>	(2664)	<b>0.83</b>	(3289)	<b>1.01</b>	(3925)	<b>1.19</b>	(4571)	<b>1.38</b>	(5230)	<b>1.56</b>	(5900)
	Total input power*	kW	7.25	(11.32)	8.31	(10.07)	9.50	(9.40)	10.82	(9.06)	12.28	(8.91)	13.92	(8.90)

Total input power at no load including fan	kW	1.6
Male rotor speed	rpm	2664 to 5900
Approx. discharge temperature of air above ambient (at max. power)	°C	14
Free field noise level ** at 70% load / at 100% load	dB(A)	64 / 70

## Electrical Data

Nominal motor rating	kW	11
Nominal voltage [tolerance] (Frequency)		380V[+10% -5%]; 400V[±10%]; 460V[±10%] (50, 60Hz)
Full load current max. at 380V / 400V / 460V	A	31 / 30 / 26
Starting current (max. % of full load current)	%	100
Standard drive motor detail (ECA Qualifying)		IP55, IE3
Drive motor speed min./max.	rpm	1332 to 2950
Fan motor rating	kW	-
Suggested cable size at 380V / 400V / 460V (max.30°C / max. 50m / Copper)	mm <sup>2</sup>	4G10
Suggested fuse rating at 380V / 400V / 460V (type gG)	A	35 / 35 / 32

## Cooling Data

Ventilating fan capacity	m3/min	32
Heat rejected by ventilating fan (max. % of actual input power)	%	95
Size of cooling air inlet aperture	mm	Ø 320
Size of cooling air outlet aperture	mm	355 x 534
Approx. cooling air temperature above ambient (at max. power)	°C	20
Max. allowable pressure drop in duct at ambient 35°C / 45°C	Pa	130 / 70

## Weights, Dimensions and Capacities Data

Compressor oil capacity	l	5
Oil carry over	mg/m3	< 3
Compressed air delivery connection (female screwed thread)		EN 10226-1 Rp 3/4 (DIN 2999-Rp 3/4)
Weight	kg	235
Package dimensions L x W x H	mm	667 x 630 x 1050

\* Data measured and stated in accordance with ISO1217 4rd Edition Annex C & E and at the following conditions:

Air Intake Pressure: 1 bar a / 14.5 psia

Air Intake Temperature: 20°C / 68°F

Humidity: 0% (dry)

\*\* Measured in free field conditions in accordance with the ISO 2151, tolerance ± 3dB(A).

Ingersoll Rand policy is one of continuous improvement and we therefore reserve the right to alter specifications without prior notice.