



RSe15-22i A

TIS L-FR2-V3 15-22FS-A-50Hz

Technical Information Sheet

REV B

Air Cooled 50 Hz, CE Version

03/05/2022

Performance Data		RSe15i						RSe18i			RSe22i		
Working pressure		bar g	7.5	10	13	7.5	10	13	7.5	10	13		
Minimum working pressure		bar g	5.0										
Ambient temperature - min/max		°C	1 to 45										
Working Pressure	FAD * @ max. working pressure	m³/min	2.70	2.26	1.80	3.25	2.74	2.34	3.65	3.21	2.61		
	Total package input power* @max.w.pr.	kW	18.89	18.87	18.23	22.72	22.55	23.20	26.25	26.40	25.98		
5 bar	FAD	m³/min	2.75	2.38	1.93	3.30	2.89	2.50	3.67	3.32	2.81		
	Total input power	KW	16.35	14.34	11.75	20.14	17.61	15.25	23.39	19.12	17.20		
6 bar	FAD	m³/min	2.74	2.35	1.93	3.29	2.87	2.50	3.66	3.31	2.81		
	Total input power	KW	17.28	14.73	12.30	20.86	18.27	15.89	24.27	21.02	18.01		
7 bar	FAD	m³/min	2.72	2.34	1.92	3.28	2.82	2.48	3.66	3.31	2.80		
	Total input power	KW	18.12	15.53	12.89	21.95	18.85	16.61	25.43	21.94	18.71		
7.5 bar	FAD	m³/min	2.70	2.33	1.92	3.25	2.81	2.46	3.65	3.29	2.80		
	Total input power	KW	18.89	16.04	13.33	22.72	19.44	17.05	26.25	22.70	19.21		
8 bar	FAD	m³/min	2.33	1.91	1.89	3.29	2.80	2.44	3.66	3.27	2.79		
	Total input power	KW	16.56	13.77	11.77	20.02	17.49	15.49	23.48	19.69	17.69		
9 bar	FAD	m³/min	2.30	1.89	1.89	3.29	2.79	2.42	3.66	3.27	2.75		
	Total input power	KW	17.77	14.59	12.59	21.18	18.63	16.63	24.84	20.94	18.94		
10 bar	FAD	m³/min	2.26	1.87	1.87	3.29	2.74	2.41	3.66	3.21	2.70		
	Total input power	KW	18.87	15.44	13.44	22.55	19.76	17.76	26.40	23.03	20.03		
11 bar	FAD	m³/min	1.84	1.84	1.84	3.29	2.40	2.40	3.66	3.27	2.69		
	Total input power	KW	16.30	13.30	11.30	20.81	17.81	15.81	23.51	20.51	18.51		
12 bar	FAD	m³/min	1.83	1.83	1.83	3.29	2.36	2.36	3.66	3.27	2.65		
	Total input power	KW	17.28	14.28	11.28	21.96	18.96	15.96	24.64	21.64	18.64		
13 bar	FAD	m³/min	1.80	1.80	1.80	3.29	2.34	2.34	3.66	3.27	2.61		
	Total input power	KW	18.23	15.23	12.23	23.20	20.20	17.20	25.98	22.98	19.98		
Total input power at no load		kW	6.0	5.1	4.8	7.4	6.3	5.4	8.4	7.6	6.4		
Male rotor speed		rpm	3881	3357	2751	4559	3980	3518	5215	4704	3978		
Approx. discharge temperature of air above ambient		°C	11	11	10	12	12	12	14	14	14		
Free field noise level **		dB(A)	70			71			71				
Electrical Data													
Nominal motor rating		kW	15			18.5			22				
Full load Current max. @ 220 / 400V		Amp	62 / 33			72 / 38			88 / 46				
Starting Current max. IP55 (220 / 400V)		Approx. 2.5 times full load current											
Standard drive motor detail		IP	IP55 (IE-3) - IEC 60034-2-1										
Drive motor speed		rpm	3000										
Fan motor rating		kW	not applicable										
Suggested cable size @ 220 / 400V		mm²	4G 25 / 4G 6			4G 25 / 4G 10			4G 35 / 4G 10				
Suggested fuse rating @ 220 / 400V, time delay		Amp	80 / 35			80 / 50			100 / 50				
Cooling Data													
Ventilating fan capacity		m³/min	47										
Heat rejected by ventilating fan		%	max. 95% of terminal power										
Size of cooling air inlet aperture		mm	Diameter 360										
Size of cooling air outlet aperture		mm	445 x 714										
Cooling air temp above ambient approx.		°C	20			25			29				
Max. allowable pressure drop in duct at ambient 35°C / 45°C		Pa	30 / 20										
Weights Dimensions and Capacities Data													
Compressor oil capacity		litres	9.5										
Approx. Oil carry over		mg/m³	<3										
Compressed air delivery connection		EN 10226- Rp 1 (DIN 2999-Rp 1)											
Weight		kg	335			361			367				
Package dimensions L x W x H		mm	787 x 664 x 1194										

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

Air Intake Pressure - 1 bar a / 14.5 psia

Air Intake Temperature - 20oC / 68oF

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.