

			RSe26n-A13						TIS RSE26n					
			Technical Information Sheet						REV A					
			Variable Speed, Air Cooled						14/03/2023					
Performance Data				RSe26n-A13										
Maximum working pressure			bar g	13.0										
Minimum working pressure			bar g	5.0										
Ambient temperature - min/max			°C	1 to 45										
				min. speed	speed 1	speed 2	speed 3	speed 4	max. speed					
5 bar	FAD* (Male rotor speed - rpm)	m³/min	1.18	(1200)	1.90	(1761)	2.65	(2341)	3.43	(2944)	4.09	(3573)	4.77	(4230)
	Total input power* (P spec. - kW min/m³)	kW	8.56	(7.27)	11.79	(6.22)	15.30	(5.77)	19.16	(5.58)	23.39	(5.72)	28.06	(5.88)
6 bar	FAD*	m³/min	1.15	(1200)	1.88	(1772)	2.60	(2359)	3.33	(2963)	4.06	(3587)	4.79	(4230)
	Total input power*	kW	9.33	(8.11)	12.88	(6.86)	16.70	(6.41)	20.84	(6.25)	25.30	(6.23)	30.14	(6.30)
7 bar	FAD*	m³/min	1.12	(1200)	1.86	(1778)	2.59	(2368)	3.32	(2973)	4.06	(3593)	4.79	(4230)
	Total input power*	kW	10.11	(9.01)	13.94	(7.51)	18.04	(6.97)	22.44	(6.75)	27.16	(6.69)	32.23	(6.73)
7.5 bar	FAD*	m³/min	1.11	(1200)	1.84	(1776)	2.58	(2366)	3.31	(2971)	4.05	(3592)	4.78	(4230)
	Total input power*	kW	10.51	(9.49)	14.44	(7.84)	18.65	(7.24)	23.18	(7.00)	28.04	(6.93)	33.27	(6.96)
8 bar	FAD*	m³/min	1.09	(1200)	1.80	(1752)	2.51	(2319)	3.22	(2902)	3.93	(3502)	4.64	(4122)
	Total input power*	kW	10.92	(9.99)	14.77	(8.19)	18.91	(7.52)	23.37	(7.25)	28.18	(7.17)	33.38	(7.19)
9 bar	FAD*	m³/min	1.06	(1200)	1.72	(1701)	2.38	(2220)	3.04	(2758)	3.70	(3319)	4.36	(3906)
	Total input power*	kW	11.77	(11.08)	15.40	(8.94)	19.33	(8.11)	23.63	(7.76)	28.31	(7.64)	33.46	(7.67)
10 bar	FAD*	m³/min	1.03	(1200)	1.64	(1655)	2.26	(2127)	2.87	(2621)	3.49	(3141)	4.10	(3690)
	Total input power*	kW	12.65	(12.29)	16.03	(9.75)	19.71	(8.73)	23.79	(8.28)	28.28	(8.11)	33.28	(8.11)
11 bar	FAD*	m³/min	0.99	(1200)	1.58	(1625)	2.17	(2066)	2.75	(2529)	3.34	(3017)	3.96	(3533)
	Total input power*	kW	13.55	(13.63)	16.78	(10.62)	20.30	(9.37)	24.21	(8.80)	28.57	(8.56)	33.59	(8.48)
12 bar	FAD*	m³/min	0.96	(1200)	1.51	(1598)	2.07	(2012)	2.63	(2443)	3.23	(2897)	3.86	(3377)
	Total input power*	kW	14.46	(15.11)	17.54	(11.58)	20.89	(10.08)	24.62	(9.36)	28.92	(8.94)	34.07	(8.92)
13 bar	FAD*	m³/min	0.92	(1200)	1.45	(1572)	2.00	(1958)	2.60	(2359)	3.20	(2779)	3.77	(3220)
	Total input power*	kW	15.39	(16.74)	18.30	(12.64)	21.46	(10.76)	25.23	(9.69)	29.33	(9.17)	34.41	(9.12)
Total input power at no load, fan switched off					kW		2.5							
Male rotor speed					rpm		1200 to 4230							
Approx. discharge temperature of air above ambient (at max. power)					°C		6 (50Hz) ; 8 (60Hz)							
Free field noise level ** at 70% load / at 100% load					dB(A)		69 / 71 (50Hz) ; 70 / 72 (60Hz)							
Electrical Data														
Nominal motor rating					kW		26							
Nominal voltage [tolerance] (Frequency)							380V[+10% -5%]; 400V[±10%]; 460V[±10%] (50, 60Hz)							
Full load current max. at 380V / 400V / 460V					A		61 / 58 / 51							
Starting current (max. % of full load current)					%		100							
Standard drive motor detail							IP55 (IE-3) - IEC 60034-2-1 ECA Qualifying							
Drive motor speed min./max.					rpm		1200 to 4230							
Fan motor rating					kW		0,56 (50Hz) (IP-54) ; 0,5 (60Hz) (IP-54)							
Suggested cable size at 380V / 400V / 460V (max.30°C / max. 50m / Copper)					mm²		4G16 / 4G16 / 4G16							
Suggested fuse rating at 380V / 400V / 460V (type gG)					A		63 / 63 / 63							
Cooling Data														
Ventilating fan capacity					m³/min		81 (50Hz) ; 70 (60Hz)							
Heat rejected by ventilating fan (max. % of actual input power)					%		95							
Size of cooling air inlet aperture					mm		595 x 548							
Size of cooling air outlet aperture					mm		888 x 336							
Approx. cooling air temperature above ambient (at max. power)					°C		20 (50Hz) ; 23 (60Hz)							
Max. allowable pressure drop in duct at ambient 35°C / 45°C					Pa		80 / 60 (50Hz) ; 100 / 80 (60Hz)							
Weights, Dimensions and Capacities Data														
Compressor oil capacity					l		15							
Oil carry over					mg/m³		< 3							
Compressed air delivery connection (female screwed thread)							EN 10226-1 R 1 1/4 (DIN 2999-R 1 1/4)							
Weight					kg		708							
Package dimensions L x W x H					mm		1345 x 880 x 1612							

* 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.