

			L26 RS - 13 A						TIS L26RS/CE		
			Technical Information Sheet								
			Regulated Speed, Air Cooled, 50Hz						[Eng.Vers.2] 5/30/12		
Performance Data				L26 RS							
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)	2.61 (2341)	3.33 (2944)	4.05 (3573)	4.77 (4230)			
	Total input power* (P spec. - kW min/m³)	kW	8.58 (7.29)	11.82 (6.24)	15.36 (5.87)	19.24 (5.77)	23.50 (5.80)	28.20 (5.91)			
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	9.35 (8.13)	12.92 (6.88)	16.77 (6.44)	20.93 (6.28)	25.43 (6.26)	30.31 (6.33)			
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	10.14 (9.04)	13.99 (7.54)	18.12 (7.00)	22.55 (6.79)	27.31 (6.73)	32.43 (6.77)			
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	10.55 (9.52)	14.50 (7.87)	18.74 (7.27)	23.30 (7.03)	28.21 (6.97)	33.49 (7.00)			
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	10.96 (10.03)	14.84 (8.23)	19.01 (7.56)	23.51 (7.29)	28.37 (7.21)	33.63 (7.24)			
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	11.82 (11.12)	15.47 (8.98)	19.44 (8.16)	23.77 (7.81)	28.51 (7.70)	33.72 (7.73)			
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	12.70 (12.34)	16.11 (9.80)	19.83 (8.78)	23.94 (8.33)	28.50 (8.17)	33.56 (8.18)			
11 bar	FAD*	m³/min	0.99 (1200)	1.58 (1625)	2.17 (2066)	2.75 (2529)	3.34 (3017)	3.92 (3533)			
	Total input power*	kW	13.61 (13.69)	16.87 (10.68)	20.42 (9.43)	24.38 (8.87)	28.80 (8.63)	33.73 (8.60)			
12 bar	FAD*	m³/min	0.96 (1200)	1.51 (1598)	2.07 (2012)	2.63 (2443)	3.19 (2897)	3.74 (3377)			
	Total input power*	kW	14.53 (15.18)	17.64 (11.65)	21.03 (10.15)	24.81 (9.44)	29.02 (9.11)	33.72 (9.01)			
13 bar	FAD*	m³/min	0.92 (1200)	1.45 (1572)	1.98 (1958)	2.50 (2359)	3.03 (2779)	3.56 (3220)			
	Total input power*	kW	15.46 (16.82)	18.41 (12.72)	21.61 (10.94)	25.18 (10.06)	29.16 (9.62)	33.58 (9.43)			
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 372					
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).

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