

Gardner Denver			L132 RS						TIS L132RS/CE	
			Technical Information Sheet							
			Regulated Speed, Air Cooled, 50Hz						[Eng.Vers.3] 11/18/11	
Performance Data			L132 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	4.83 (650)	8.77 (1120)	12.59 (1590)	16.22 (2060)	19.66 (2530)	22.84 (2980)		
	Total input power* (P spec. - kW min/m³)	kW	32.47 (6.73)	50.30 (5.73)	68.72 (5.46)	88.86 (5.48)	110.73 (5.63)	132.74 (5.81)		
6 bar	FAD*	m³/min	4.80 (650)	8.73 (1120)	12.55 (1590)	16.17 (2060)	19.61 (2530)	22.78 (2980)		
	Total input power*	kW	35.21 (7.34)	54.32 (6.22)	73.95 (5.89)	95.24 (5.89)	118.21 (6.03)	141.23 (6.20)		
7 bar	FAD*	m³/min	4.77 (650)	8.69 (1120)	12.49 (1590)	16.11 (2060)	19.55 (2530)	22.73 (2980)		
	Total input power*	kW	37.87 (7.94)	58.25 (6.70)	79.09 (6.33)	101.56 (6.30)	125.66 (6.43)	149.75 (6.59)		
7.5 bar	FAD*	m³/min	4.76 (650)	8.66 (1120)	12.45 (1590)	16.07 (2060)	19.52 (2530)	22.72 (2980)		
	Total input power*	kW	39.13 (8.23)	60.15 (6.95)	81.60 (6.55)	104.67 (6.51)	129.37 (6.63)	154.03 (6.78)		
8 bar	FAD*	m³/min	4.74 (650)	8.46 (1100)	12.09 (1550)	15.58 (2000)	18.91 (2450)	22.21 (2910)		
	Total input power*	kW	40.34 (8.50)	61.08 (7.22)	82.13 (6.79)	104.64 (6.72)	128.67 (6.80)	154.35 (6.95)		
9 bar	FAD*	m³/min	4.72 (650)	8.14 (1070)	11.51 (1490)	14.78 (1910)	17.95 (2330)	21.18 (2770)		
	Total input power*	kW	42.66 (9.04)	63.16 (7.75)	83.79 (7.28)	105.69 (7.15)	128.94 (7.18)	154.50 (7.30)		
10 bar	FAD*	m³/min	4.69 (650)	7.91 (1050)	11.09 (1450)	14.21 (1850)	17.25 (2250)	20.08 (2630)		
	Total input power*	kW	45.00 (9.60)	65.53 (8.29)	86.13 (7.77)	107.88 (7.59)	130.95 (7.59)	153.93 (7.67)		
11 bar	FAD*	m³/min	4.65 (650)	7.60 (1020)	10.53 (1390)	13.41 (1760)	16.23 (2130)	19.15 (2520)		
	Total input power*	kW	47.49 (10.22)	67.36 (8.86)	87.15 (8.28)	107.99 (8.06)	130.05 (8.01)	154.55 (8.07)		
12 bar	FAD*	m³/min	5.19 (725)	7.85 (1060)	10.52 (1400)	13.16 (1740)	15.74 (2080)	18.20 (2410)		
	Total input power*	kW	54.40 (10.47)	72.92 (9.29)	91.89 (8.73)	111.85 (8.50)	132.97 (8.45)	154.54 (8.49)		
13 bar	FAD*	m³/min	5.73 (800)	8.10 (1100)	10.45 (1400)	12.76 (1700)	15.03 (2000)	17.26 (2300)		
	Total input power*	kW	61.56 (10.74)	78.66 (9.71)	96.05 (9.20)	114.33 (8.96)	133.61 (8.89)	153.88 (8.92)		
Total input power at no load, fan switched off				kW	12					
Male rotor speed				rpm	650 to 2980					
Approx. discharge temperature of air above ambient (at max. power)				°C	8					
Free field noise level ** at 70% load / at 100% load				dB(A)	74 / 77 (50Hz) ; 75 / 78 (60 Hz)					
Electrical Data										
Nominal motor rating				kW	132					
Nominal voltage [tolerance] (Frequency)					380V[+10% -5%]; 400V[±10%]; 460V[±10%] (50, 60Hz)					
Full load current max. at 380V / 400V / 460V				A	297 / 283 / 246					
Starting current (max. % of full load current)				%	100					
Standard drive motor detail (ECA Qualifying)					IP55					
Drive motor speed min./max.				rpm	650 to 2980					
Fan motor rating				kW	5,5 (50Hz) (IP-54) ; 6,3 (60Hz) (IP-54)					
Suggested cable size at 380V / 400V / 460V (max.30°C / max. 50m / Copper)				mm²	3x150 PE95 / 3x150 PE95 / 3x95 PE50					
Suggested fuse rating at 380V / 400V / 460V (type gG)				A	300 / 300 / 250					
Cooling Data										
Ventilating fan capacity				m³/min	273 (50Hz) ; 248 (60 Hz)					
Heat rejected by ventilating fan (max. % of actual input power)				%	95					
Size of cooling air inlet aperture				mm	1609 x 666					
Size of cooling air outlet aperture				mm	1374 x 1119					
Approx. cooling air temperature above ambient (at max. power)				°C	29 (50Hz) ; 30 (60 Hz)					
Max. allowable pressure drop in duct at ambient 35°C / 45°C				Pa	130 / 90 (50 Hz) ; 70 / 40 (60 Hz)					
Weights, Dimensions and Capacities Data										
Compressor oil capacity				l	54					
Oil carry over				mg/m³	< 3					
Compressed air delivery connection (male screwed thread)					EN 10226-1 R 2 1/2 (DIN 2999-R 2 1/2)					
Weight				kg	2786					
Package dimensions L x W x H				mm	2337 x 1368 x 2039					

* Data measured and stated in accordance with ISO1217 4rd Edition Annex 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).

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