

Gardner Denver		L55 RS						TIS L55RS/CE		
		Technical Information Sheet								
		Regulated Speed, Water Cooled, 50Hz						[Eng.Vers.2] 12/2/11		
Performance Data		L55 RS								
Maximum working pressure		bar g	10.0							
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	2.50 (750)	4.06 (1141)	5.62 (1553)	7.19 (1995)	8.75 (2475)	10.31 (3000)		
	Total input power* (P spec. - kW min/m³)	kW	14.53 (5.81)	20.79 (5.12)	27.91 (4.96)	36.18 (5.03)	45.65 (5.22)	56.48 (5.48)		
6 bar	FAD*	m3/min	2.47 (750)	4.03 (1156)	5.59 (1580)	7.15 (2026)	8.71 (2498)	10.27 (3000)		
	Total input power*	kW	15.94 (6.45)	23.15 (5.74)	30.98 (5.54)	39.69 (5.55)	49.54 (5.69)	60.89 (5.93)		
7 bar	FAD*	m3/min	2.44 (750)	4.00 (1170)	5.56 (1603)	7.12 (2051)	8.68 (2516)	10.24 (3000)		
	Total input power*	kW	17.38 (7.13)	25.47 (6.37)	33.97 (6.11)	43.13 (6.06)	53.38 (6.15)	65.20 (6.37)		
7.5 bar	FAD*	m3/min	2.42 (750)	3.98 (1175)	5.55 (1610)	7.11 (2059)	8.67 (2522)	10.23 (3000)		
	Total input power*	kW	18.11 (7.48)	26.58 (6.67)	35.38 (6.38)	44.78 (6.30)	55.26 (6.37)	67.28 (6.58)		
8 bar	FAD*	m3/min	2.41 (750)	3.92 (1164)	5.44 (1588)	6.95 (2022)	8.47 (2467)	9.98 (2925)		
	Total input power*	kW	18.86 (7.84)	27.35 (6.98)	36.13 (6.65)	45.44 (6.54)	55.67 (6.58)	67.32 (6.74)		
9 bar	FAD*	m3/min	2.37 (750)	3.80 (1139)	5.22 (1536)	6.65 (1942)	8.07 (2356)	9.50 (2780)		
	Total input power*	kW	20.37 (8.59)	28.71 (7.56)	37.37 (7.16)	46.50 (6.99)	56.35 (6.98)	67.24 (7.08)		
10 bar	FAD*	m3/min	2.34 (750)	3.67 (1112)	5.01 (1480)	6.35 (1857)	7.69 (2242)	9.02 (2635)		
	Total input power*	kW	21.91 (9.37)	29.93 (8.14)	38.33 (7.65)	47.26 (7.44)	56.77 (7.39)	67.00 (7.43)		
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* 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.