

		L30-L37					TIS L30-L37/10/CE		
		Technical Information Sheet					V2		
		Air Cooled 50 Hz					11.05.15		
Performance Data		Working pressure	bar g	L30			L37		
				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	5,75	5,01	4,27	7,00	6,17	5,30	
	Total package input power* @max.w.pr.	kW	36,89	38,04	37,80	46,50	46,83	46,11	
5 bar	FAD	m³/min	5,79	5,10	4,46	7,06	6,27	5,46	
	Total input power	KW	31,65	28,04	23,88	40,19	35,35	30,03	
6 bar	FAD	m³/min	5,77	5,08	4,44	7,03	6,25	5,44	
	Total input power	KW	33,76	30,07	25,67	42,80	37,67	32,10	
7 bar	FAD	m³/min	5,76	5,06	4,41	7,01	6,23	5,43	
	Total input power	KW	35,85	32,08	27,45	45,37	39,99	34,17	
7.5 bar	FAD	m³/min	5,75	5,06	4,40	7,00	6,22	5,42	
	Total input power	KW	36,89	33,09	28,34	46,50	41,14	35,19	
8 bar	FAD	m³/min		5,05	4,39		6,21	5,41	
	Total input power	KW		34,09	29,22		42,29	36,21	
9 bar	FAD	m³/min		5,03	4,37		6,19	5,39	
	Total input power	KW		36,08	30,98		44,57	38,24	
10 bar	FAD	m³/min		5,01	4,34		6,17	5,37	
	Total input power	KW		38,04	32,71		46,83	40,25	
11 bar	FAD	m³/min			4,32			5,35	
	Total input power	KW			34,42			42,23	
12 bar	FAD	m³/min			4,30			5,32	
	Total input power	KW			36,12			44,18	
13 bar	FAD	m³/min			4,27			5,30	
	Total input power	KW			37,80			46,11	
Total input power at no load, fan switched off		kW	9,4	8,4	7,2	12,2	10,7	9,2	
Male rotor speed		rpm	2970	2673	2310	3661	3228	2788	
Approx. discharge temperature of air above ambient		°C	7	6	6	7	6	6	
Free field noise level **		dB(A)	67			68			
Electrical Data									
Nominal motor rating		kW	30			37			
Full load Current max. @ 220V / 380V / 400V		Amp	130 / 75 / 71			154 / 89 / 85			
Starting Current max. IP55 (400V)			Approx. 2.5 times full load current						
Standard drive motor detail		IP	IP55 (IE-3) - IEC 60034-2-1 ECA Qualifying						
Drive motor speed		rpm	3000						
Fan motor rating		kW	0,85 (IP-54)						
Suggested cable size @ 220V / 380V + 400V		mm²	3*70PE35 / 4G35 / 4G25			3*95PE50 / 4G35 / 4G35			
Suggested fuse rating @ 220V / 380V + 400V, time delay		Amp	160AgL / 100AgL / 80AgL			200AgL / 100AgL / 100AgL			
Cooling Data									
Ventilating fan capacity		m³/min	65			78			
Heat rejected by ventilating fan		%	max. 95% of terminal power						
Size of cooling air inlet aperture		mm	731 x 639						
Size of cooling air outlet aperture		mm	764 x 740						
Cooling air temp above ambient approx.		°C	28						
Max. allowable pressure drop in duct at ambient 35°C / 45°C		Pa	120 / 90			100 / 80			
Weights Dimensions and Capacities Data									
Compressor oil capacity		litres	23						
Approx.. Oil carry over		mg/m³	<3						
Compressed air delivery connection			EN 10226 R 1 1/2 (DIN 2999-R 1 1/2)						
Weight		kg	923			966			
Package dimensions L x W x H		mm	1722 x 920 x 1659						

* 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).

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