Technical Datasheet - XAS 375 Dd6 / XAS 186 Dd

Reference Conditions		
Absolute inlet pressure	Bar(g)	1
Relative air humidity	%	0
Air inlet temperature	°C/	20
Normal effective working pressure	bar(g	7

Limitations		
Minimum effective receiver pressure	bar(g)	4
Maximum effective receiver pressure, compressor unloaded	bar(g)	8.5
Maximum ambient temperature at sea level	°C	50 (without aftercooler) 45 (with Aftercooler)
Minimum Starting Temperature	°C	-10

Performance Data (1)		
Engine shaft speed, maximum at nominal working pressure	rpm	2300
Engine shaft speed, compressor unloaded	rpm	1700
Free Air Delivery (2)	l/s	185
Fuel Consumption: at full load	kg/h	17.4 @ 100%
Fuel Consumption: at no load	kg/h	8.5
Typical oil content of compressed air	mg/m³	<5
Engine oil consumption	g/h	14
Compressed air temperature at outlet valves	°C	90 (without aftercooler) Ambient + 15 (with aftercooler)
Noise level: Sound pressure level (LP) (4)	dB(A)	71
Noise level: Sound power level (LW) (5)	dB(A)	99

Design Data Engine		
Number of Compression Stages		1
Engine Make / Model		DEUTZ BF4M2012C
Engine Rated output / standard	kW	88
Engine Rated output - load factor	%	70
Engine Capacity of oil sump: Initial fill / Refill (max) (6)	L	8.5/8.0
Engine Coolant / Coolant capacity	L	14

Design Data Unit		
Capacity of compressor oil system	L	24
Air volume at inlet grating (approx.) (3)	m³/s	3.9

Manufacturer		
Manufacturer		Atlas Copco

Notes:
1) At reference conditions, if applicable, and at normal shaft speed unless otherwise stated.
2) Measured according to ISO 1217 ed.3 1996 annex D ±5%.
3) Air required for engine and compressor cooling, combustion and for compression.
4) Measured according to ISO 2151 with a tolerance of ±3 dB(A) under free field conditions at 7m distance.
5) Complies with 84/533/EEC and with 85/406/EEC limits.
6) With filter change.