



C Serie
Technical Data Sheet
C55 - C76

en-07/2008

TYP		DLT 0704									
Trade Name		C55-14	C55-14G	C60-12	C60-12G	C65-10	C65-10G	C65HS	C65HS G	C76	C76G
Performance Data											
Free Air Delivery at Rated Pressure*	m ³ /min	5,5	5,5	6,0	6,0	6,5	6,5	6,5	6,5	7,6	7,6
Normal Working Pressure (set at factory) On Load/Off Load	bar (ü)	14 15,5	14 15,5	12 13,5	12 13,5	10 11,5	10 11,5	7 8,5	7 8,5	7 8,5	7 8,5
Maximum (rated) Working Pressure: On Load/Off Load	bar (ü)	14 15,5	14 15,5	12 13,5	12 13,5	10 11,5	10 11,5	7 8,5	7 8,5	7 8,5	7 8,5
Minimum Working Pressure Pressure: On Load/Off load	bar (ü)	5 4,5	5 4,5	5 4,5	5 4,5	5 4,5	5 4,5	5 4,5	5 4,5	5 4,5	5 4,5
Engine full load speed/Off load speed	U/min	2600 / 1600									
Compressor power required at max. working pressure & rpm	kW	54,3	54,3	54,0	54,0	54,5	54,5	45,2	45,2	54,4	54,4
Fan and alternator power at max rev/min.	kW	5	5	5	5	5	5	5	5	5	5
Max. ambient temp.at max. working pressure continuous full load	°C	50	45	50	45	50	45	50	45	50	45
Minimum ambient starting temp.(with standard pressure vessel)	°C	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
Max air oil discharge temp (Deduct 10° at air tap)	°C	117	117	117	117	117	117	117	117	117	117
Delivered air temp. above ambient post optional aftercooler	°C	12	12	12	12	12	12	12	12	12	12
max.altitude above sea level at max. pressure full load	m @°C	2350		2350		2350		4000		2350	
Fuel consumption at max. working pressure continuous full load	lt/h	14,9		14,9		14,9		14,9		14,9	
Fuel consumption at 66% full load	lt/h	12,2		12,2		12,2		12,2		12,2	
Fuel consumption at 33% full load	lt/h	9,8		9,8		9,8		9,8		9,8	
Fuel consumption at idle	lt/h	6,6		6,6		6,6		6,6		6,6	
Compressor System Details											
Compressor Oil System Capacity	Liter	17,5									
Pressure Vessel Volume	Liter	32,0									
Pressure Vessel Safety Valve rating	bar (ü)	16,0									
Compressed Air Outlets		3 x 3/4"									
Optional additional pressure air connection		1 x 1 1/2"									
Engine details											
Type		B3.3TAA									
Output, gross at full load speed	kW	63,0									
Electrical System		12V neg. Masse									
Battery : Number/ cold startperformance		90Ah / 720A									
Alternator		14V / 60A									
Lubricating Oil Capacity	Liter	8,0									
Fuel Tank Capacity	Liter	140,0									
Air Inlet Filters, engine / compressor 2 stage dry paper		1/1									
Dimensions											
Overall Length, straight towbar with 40 mm eye	mm	3.620									
Overall Length, adjustable towbar with 40 mm eye min/max	mm	3.751 / 3965									
Overall width	mm	1.220									
Height	mm	1.440									
Canopy Length	mm	2.205									
Wheel Track	mm	1.475									
Ground Clearance,minimum	mm	295									
Straight towbar hitch height	mm	409									
Adjustable towbar hitch height min/max	mm	355 / 980									
Tyre Size		185R14									
Wheel Size		5 1/2 J x 14									
Tyre Pressure	bar (ü)	2,8									
Weight											
Battery (wet)	kg	24	24	24	24	24	24	24	24	24	24
Compressor unit only	kg	116	116	116	116	116	116	116	116	116	116
Compressor complete, dry (without options)	kg	1.160	1.245	1.160	1.245	1.160	1.245	1.160	1.245	1.160	1.245
Compressor complete, wet (without options)	kg	1.200	1.285	1.200	1.285	1.200	1.285	1.200	1.285	1.200	1.285
Max. permissible weight	kg	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300
Noise levels											
Max Sound Power to 2000/14/EC	dB(A) L _{WA}	99									
Max Sound Pressure to PNEUROP PN8NTC2.2 @ 1 m	dB(A) L _{PA}	82									
Max Sound Pressure to PNEUROP PN8NTC2.2 @ 7 m	dB(A) L _{PA}	71									
Generator Specification (where fitted)											
7,0 kVA single phase 110V AC, 50Hz	Power Sockets: 2 x CEE 16A und 1 x CEE 32A										
8,0 kVA 400/230V AC, 50Hz	Power Sockets: single phase 2xC EE16A and three phase 1xC EE 32A										
12,0 kVA 400/230V AC, 50Hz	Power Sockets: single phase 2xC EE16A and three phase 1xC EE 32A										
Protection Equipment											
An electrically operated shut-down system will stop the plant automatically in the events of:						<ol style="list-style-type: none"> 1. Low engine oil pressure 2. High engine coolant temperature 3. High air temperature (compressor unit) 4. Low fuel level 5. Alternator malfunction 6. Water in the fuel 7. Low cooling water level 					
Notes											
*Acc. to ISO 1217 Ed. 3 1996 Annex D											