

CERTIFICATE OF PLANT DESIGN REGISTRATION

Work Health & Safety Act 2011
Work Health & Safety Regulation 2017

ABN: 81 913 830 179
Phone: 13 10 50

Registration No: PV 6-220246/18 **Issue Date:** 15/01/2018

Registration Holder: DANFOSS A/S
Postal Address: 81 NORBORGVEJ
NORDBORG 6430
DENMARK

Plant Type: Pressure Vessel Original

Model Number/ Trade Name: 2 Cyl Compressor 3 Phase shell

Technical Standard : EN 14276-1:2006 + A1:2011

Engineering Principles: No

Design Description:

Hazard Level	C
Contents	Harmful
Chamber 1 Volume (l)	16.5
Chamber 1 Design Pressure (kPa)	2260
Chamber 1 Temperature (°C)	-35 to 50
Chamber 1 Fluid Type	Gas
Drawing Number & Revisions	9802050_012 REV A
Pressure Vessel	Other
Other Type	Hermetic Compressor Shell
Number of Chambers	1

REGISTRATION CONDITIONS

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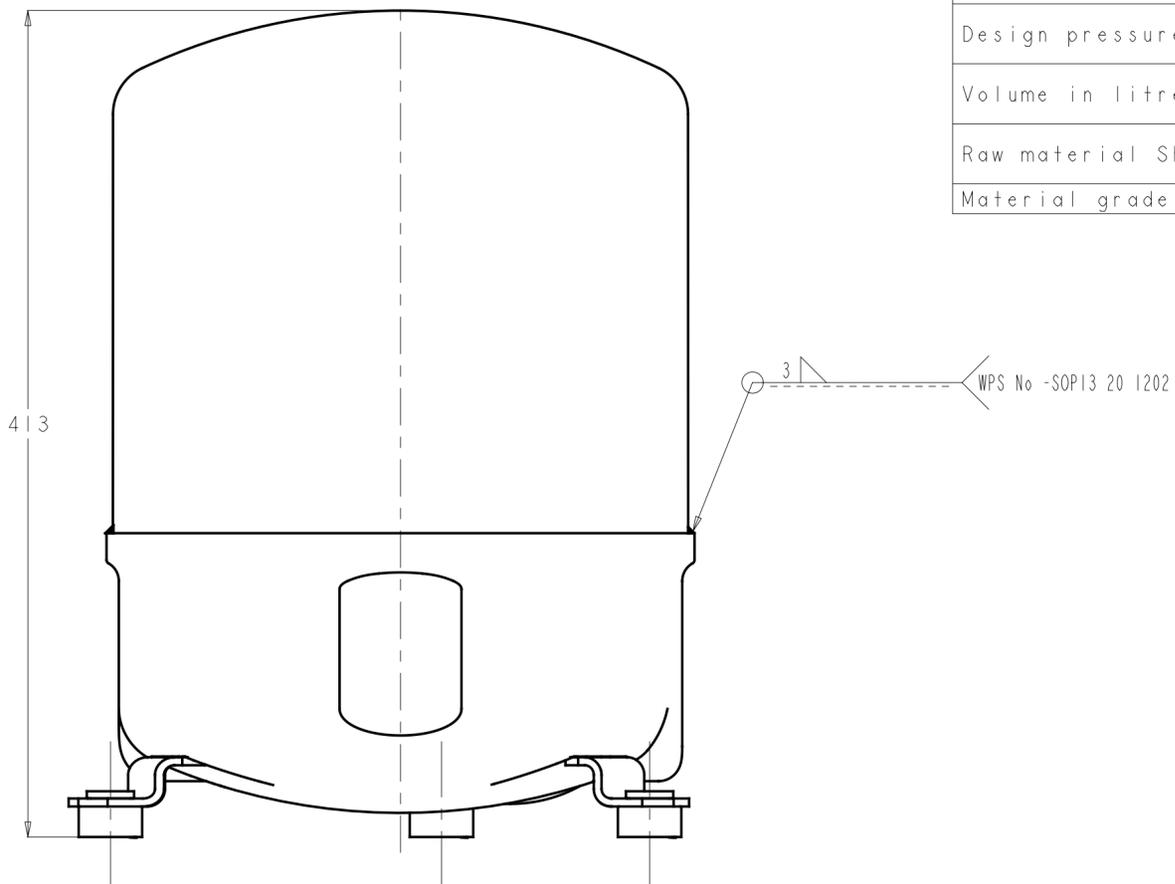
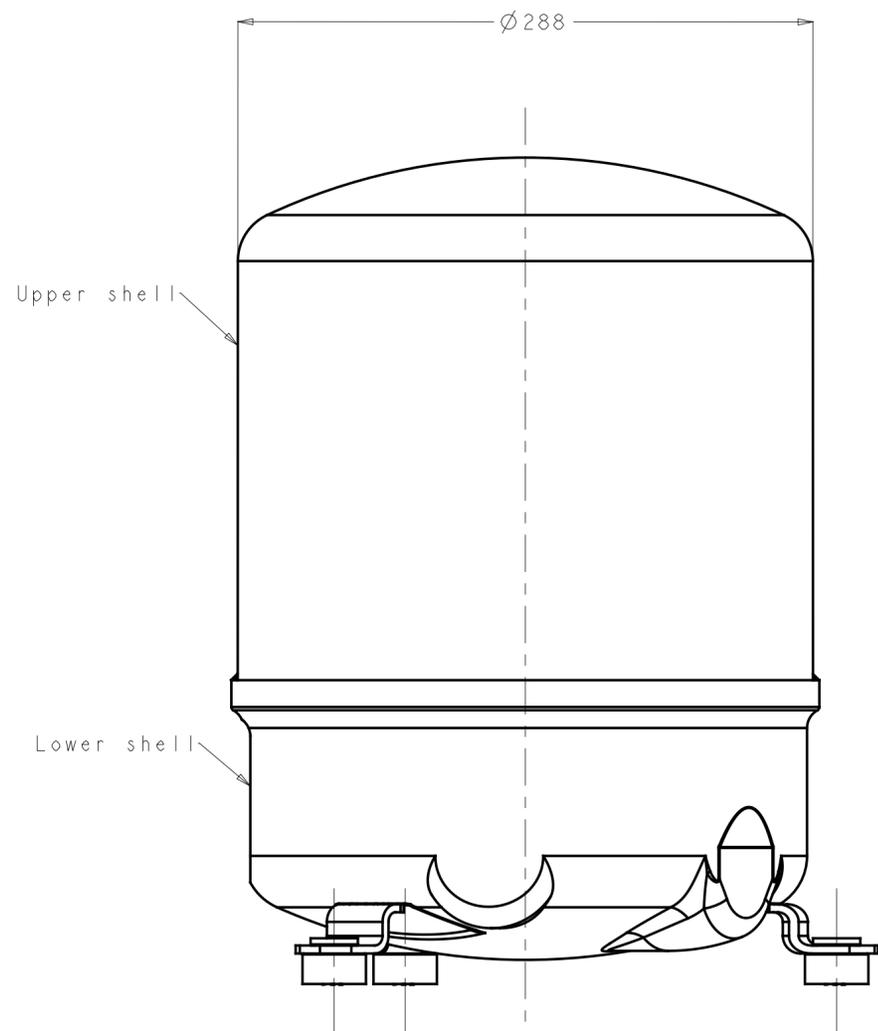
Note: The design of an item of plant registered under the Occupational Health and Safety Regulation immediately before the repeal of that regulation is deemed to have been registered under part 5.3 of the WHS Regulation

This SafeWork NSW certificate is a reissue or amendment of a certificate which may have been originally issued under our former name of WorkCover NSW.

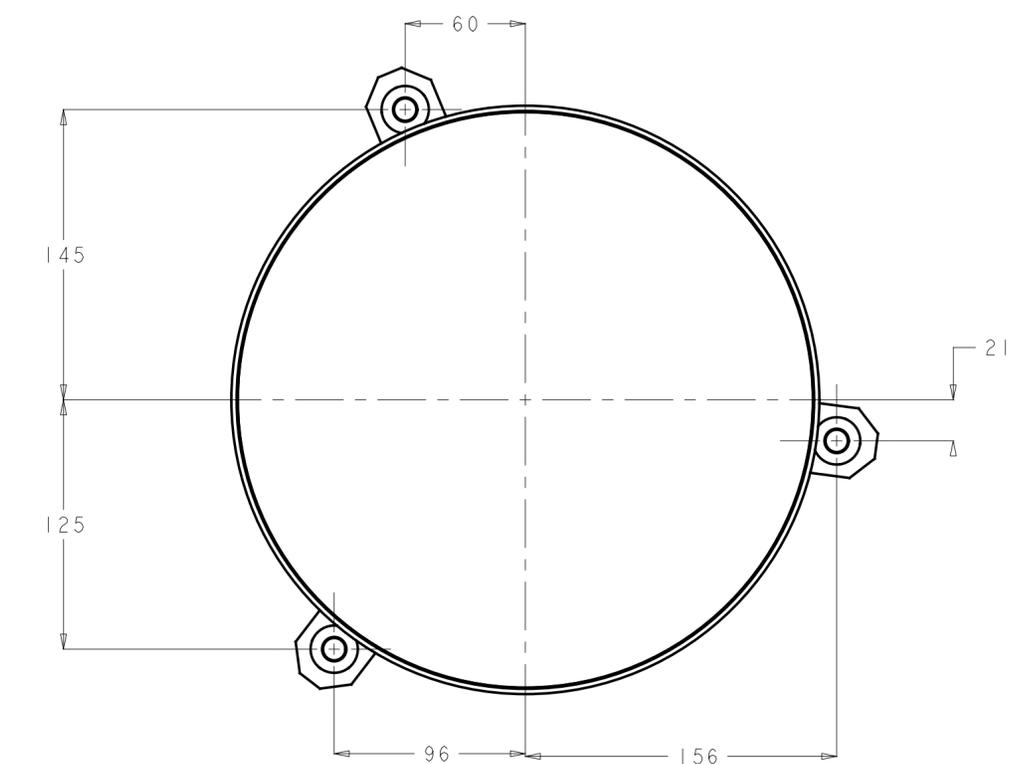
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Receipt Date: 9/01/2018

Receipt No: 30-0656



Australian PED		
Design code	EN 13445 EN 14276-1	
AS 4343 Hazard Level	C	
Design temperature in °C	HP	68
	LP	50
Design pressure in bar	HP	29.4
	LP	22.6
Volume in litre	HP	0.6
	LP	16.5
Raw material Shell thickness	Upper shell	3 mm
	Lower shell	3 mm
Material grade for shell	Steel sheet EN10111-DD13	



- COMPRESSOR MODELS:**
 MT/MTZ44/50/56 -1/3/4/6/7/9
 MT/MTZ64 - 1/3/4/6/9
 MT/MTZ72/80 - 3/4/6/9
 NTZ96 /108 - 1/3/4
 NTZ136 - 1/3/4/9
 VTZ86/121 - G/J

Example of name plate

Compressor			
Model No: MTZ22JC9AVE		MADE IN FRANCE	
380 V 3~ 60Hz		M LR 22,5A 6A MAX	
Serial No: FB 1007215698		THERMALLY PROTECTED	
Refrigerant: R407A/C/F R134a + R404A-R507		LP side	
PS		22.6bar	
Ts max		50°C	
Ts min		-35°C	
Lubricant: P.O.E.160PZ			
CE, UL, TUV, etc. logos		QR code	
WARNING		CAUTION	
Installation and servicing shall be performed by trained personnel only. Failure to observe these safety warnings could result in serious injury or death.		Use only manufacturer's approved refrigerants, lubricants and electrical components. Unauthorized refrigerant / lubricant / electrical component could cause fire, explosion, electrical shorting.	
ELECTRIC SHOCK HAZARD: Turn off power before servicing. (Discharge all capacitors.)		HIGH PRESSURE: System contains refrigerant and oil under pressure. Remove pressure from both the high and low side before servicing, wear safety goggles.	
FIRE HAZARD: Use tubing cutter to remove compressor. Do not use knife as oil may catch fire.		For details refer to multi language instructions and technical documentation available on Danfoss website at http://cc.danfoss.com	

General Tolerances Table	Drawing Status : Final			Key characteristic Critical characteristic According to Danfoss standard 50220024
	±1 ±1*	Surface Area (m2)	Estimated Mass (Kg)	
Roughness (µm)	A	Creation 17/05/16	Projection Scale 2/5	Size A2
ISO 8015 ISO 1101	Revision Designer Approval	ECR Number RAS KAR		
Confidential: Property of Danfoss Commercial Compressors. Not to be handed over to copied or used by third party. Two or three dimensional reproduction of contents to be authorized by Danfoss CC.			Designation 2 Cyl Compressor 3 Phase shell	
			Sheet 1 of 1 A.9 Dwg N° 9802050_012	