

Datasheet for Quotation

Client	Impexron GmbH	Date	18.05.2021	Rev
Quotation-No.	01-21-1108	Client No.:		
Name	Ex-Flanged Heater	Type	DHF22B01GG-9-T6	

1 Operating data	
Medium	Öl
Flow rate	
Inlet temperature	
Outlet temperature	ca. 45 °C
Operating pressure	max. 0,5
mounting position / place For outdoor use	horizontal / indoor / outdoor As a durable protection of the electrical device against outdoor exposure (rain, snow and direct sunlight) we recommend to provide a protective roof.
Location	not known
Ambient temperature	-20 / +40 °C

2 Technical data		Complete	Group-1	Group-2	Group-3	Group-4
Heating capacity	9 kW					
Rated current	13 A					
Back up fuse	20 A					
Rated voltage	400 V 3/PE 50/60 Hz					
Specific surface load	2 W/cm ²					
Anti condensation heater	----					
Connection diagramm	01-21-1108					
Dimension sheet / drawing	01-21-1108					

3 Ex-Marking	
Ex-marking / protection	(Ex) II 2G Ex db eb IIC T6 Gb
EType Examintion Certificate / IECEx Certificate	IBExU 15 ATEX 1019 X
EU-Declaration of Conformity	ELM 20-003
IP protection	IP 66

4 Protection system	
Temperature monitoring	TL = 80°C - effective on medium temperature
Temperature monitor, regulators	TR = 0...70°C - effective on medium temperature

Flow monitoring device	at site to build close to the heater, adjusted at 50 mm minimum overlap

5 Werkstoffe / Oberfläche	
Heating elements	1.4541 metallic bright
Cartridge pipe	----
Flange	1.4541 metallic bright
Connection box	Cast iron varnished with ELMESS standard
Cable Glands	2x M25x1,5 Polyamide

6 Design data	
Design code	AD 2000
Volume	... l
Allowable temperature min. / max. (TS)	-10 / +80 °C
Allowable operating pressure (PS)	0,5 bar g
Fluid group / Diagram	1 / 3
Category / Modul	----
Inspection	Pressure test / EN 10204-3.1

7 Documentation		german	english	F
Specification	X	X		
Dimension sheet / drawing	X	X		
Wiring diagram	X	X		
Operation manual	X	X		
Certificate of Conformity	X	X		
EU Declaration of Conformity	X	X		
Material Certificate	X	X		

8 Delivery Time	12 Week(s) after complete technical and commercial approval
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9 Other	
Replacement for DHFB1-9-T6, Fabr.Nr. 3484/1...3, Year of construction 1999	
Projektleiter	Mr. Jagusevski