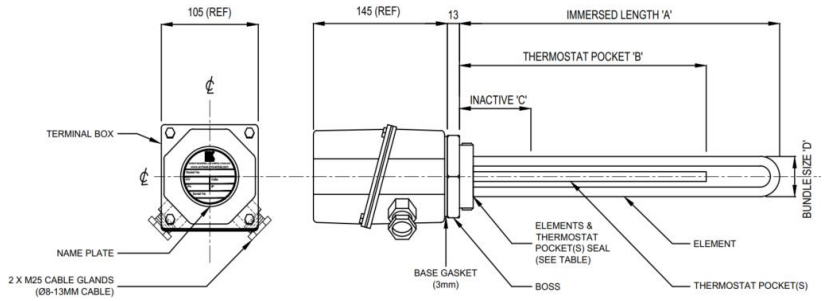

	Variable Details	
	mm	inches
Immersed Length 'A'	700	27.6
Thermostat Pocket Length 'B'	TBA	TBA
Inactive Length 'C'	100	3.9
Bundle Diameter 'D'	39	1.5
Stand-Off Length 'E'	N/A	N/A
Flange Thickness 'F'	N/A	N/A
Flange Diameter 'G'	N/A	N/A

FOR REFERENCE USE ONLY

THIS IS NOT A MANUFACTURING DRAWING AND IS SUBJECT TO CHANGE WITHOUT NOTICE

EXHEAT INDUSTRIAL LTD

Heater Model Description	
HBL-2-28-CS-2T	
EXHEAT Quotation Number	**Revision**
SQ060579N	0
Item Number	060579N.01.02

Power Rating	
Heater Rating	2kW
Power Supply Configuration	3 Wire DELTA
Power Supply Voltage (V)	400
Power Supply Frequency (Hz)	50/60
Incoming Cable Size Connection	Client to connect direct to elements
Thermostats Wired in Series with Elements	No

Element Index Element Data		
Number of Elements	3	
Element Type	Rod	
Element Diameter (mm)	8	
Sheath Material	Stainless Steel 316L	
Watt Density (W/cm² / W/inch²)	2.20	14.19
Element Bend Radius	12mm	

Process Information	
Medium	Oil
Design Temperature	120°C
Working / Test Pressure (bar g)	30 / 45 (bar g)
Ambient Temperatures	-20°C to 40°C

Connections	
Cable Entry Type (1)	2 x M25
Cable Entry Type (2)	NONE
Cable Entry Type (3)	NONE
Cable Adapter (1)	N/A
Cable Adapter (2)	N/A
Cable Adapter (3)	N/A

Special Processes
None

Certification	
Certification	CE Approved IP66
Certificate Number	N/A

Construction	
Terminal Box Material	Aluminium
Terminal Box Type	HBL
Weight (kg)	4
Boss Type	BSP BOSS 1.5"
Boss Material	SS316

Nameplate	Self-Adhesive Foil
Paint System	NONE
Colour	Natural Finish
Heater Installation	Horizontal

Sensors & Controls			Set Point °C	Set Point °F	Sealed
Process (Control) (1)	STEM - AR 279mm 5/80°C	5-7°C Hysteresis	45	113	No
Process (Control) (2)	NONE		N/A	N/A	N/A
Process (Control) (3)	NONE		N/A	N/A	N/A
Process (Control) (4)	NONE		N/A	N/A	N/A
Over Temp (Limit)	CAPILLARY MR 1500mm 0/120°C	5-7°C Hysteresis	120	248	Yes
Box Cut Out	NONE				
Secondary Enclosure	NONE				
Temperature Transmitter	NONE				

Additional Information

Rev No.	Date	Comment	Prepared	Checked
0	26-06-2024	First issue	CJ	JM

Specification Number	3100-20-19	Revison	0