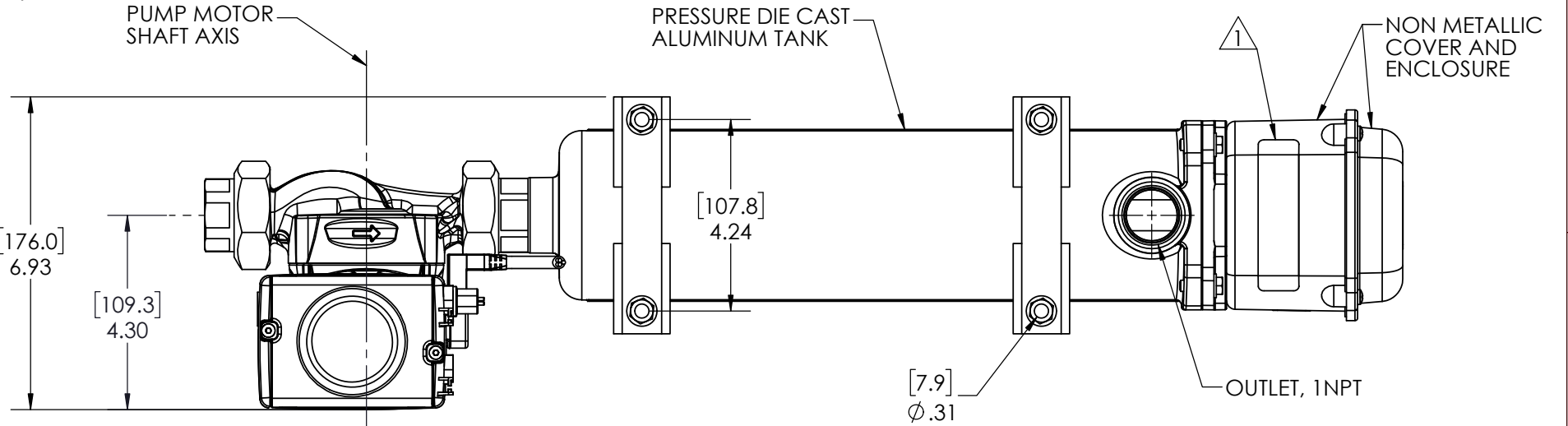
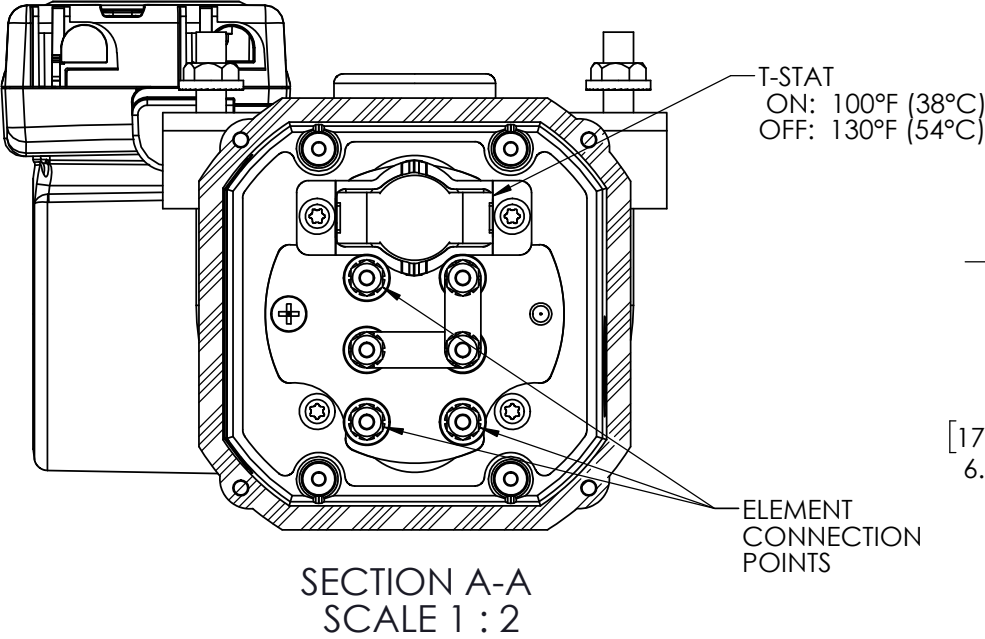


REVISIONS						
REV.	ECO	DATE	DESCRIPTION	AUTH.	DR.	ZONE
1	CR7190	09/12/2024	INITIAL RELEASE	SSO	EMR	



NOTES:

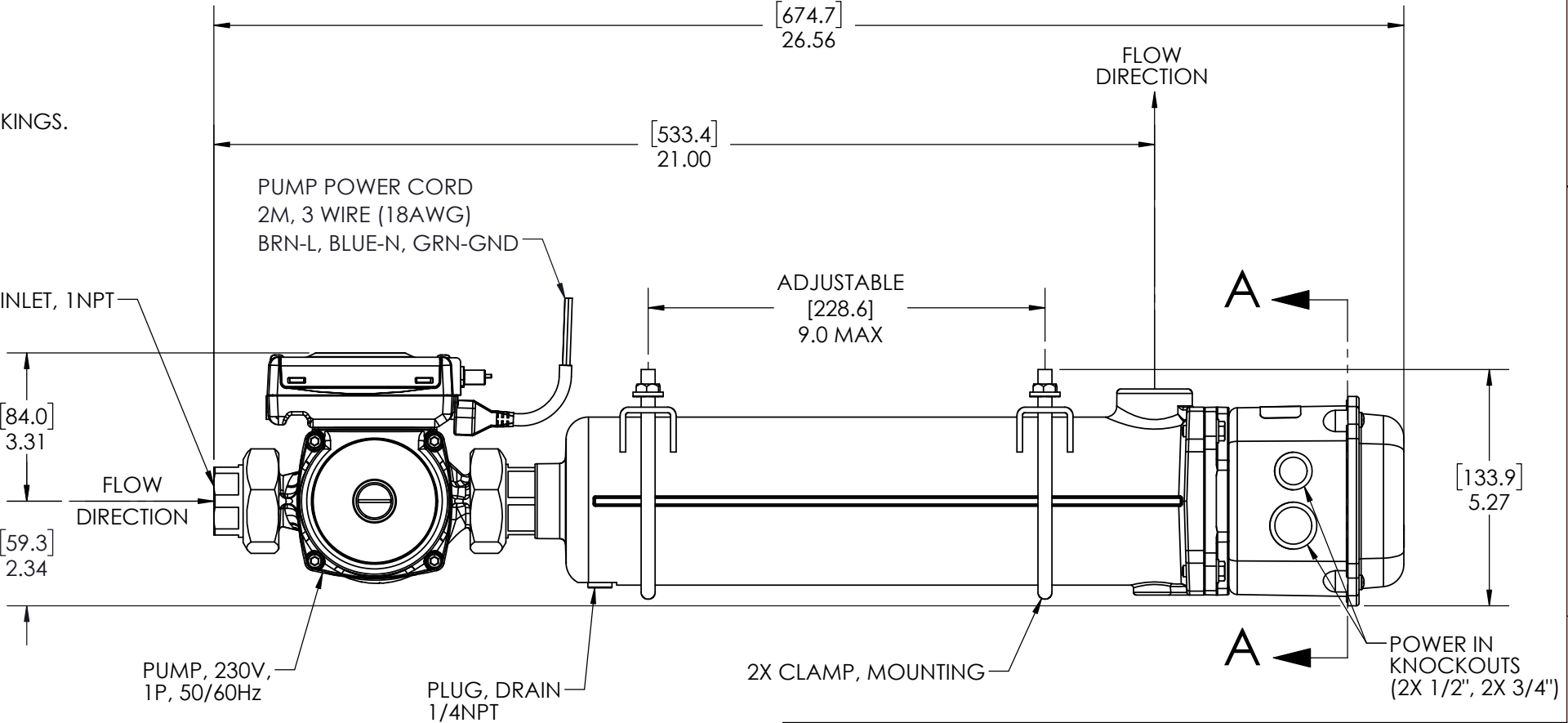
1. LABELED WITH PART NUMBER, WATTS, VOLTS, 3P, DATE CODE & C.E. MARKINGS.
2. DIMENSIONS ARE FOR REFERENCE ONLY.
3. MOUNTING CLAMPS SHIPPED LOOSE IN PLASTIC BAG.
4. HEATING SYSTEM CAN BE MOUNTED IN THE HORIZONTAL OR VERTICAL POSITION. HOWEVER, THE OULET MUST BE ORIENTATED SO THAT ALL AIR WILL PURGE FROM THE SYSTEM. WHEN HEATER IS MOUNTED HORIZONTALLY, PUMP MOTOR SHAFT MUST BE HORIZONTAL.
5. SYSTEM WIRING (SEE RECOMMENDED WIRING DIAGRAM).

REQUIREMENTS:

- HEATING ELEMENTS AND PUMP MUST BE SWITCHED OFF WHEN ENGINE IS RUNNING.
- PUMP MUST BE SUPPLIED WITH 230V 50/60Hz SUPPLY.
- THERMOSTAT LOCATED ON ELEMENT PLATE MUST BE USED TO CONTROL HEATING ELEMENTS (THIS THERMOSTAT ACTS AS BOTH A CONTROL AND HI-LIMIT).
- THE THERMOSTAT MUST BE WIRED INTO A CONTROL CIRCUIT (THE THERMOSTAT IS NOT RATED TO SWITCH FULL AMPERAGE FOR THE PUMP AND ELEMENTS).
- ALL WIRING METHODS MUST CONFORM TO APPROPRIATE ELECTRICAL REQUIREMENTS.

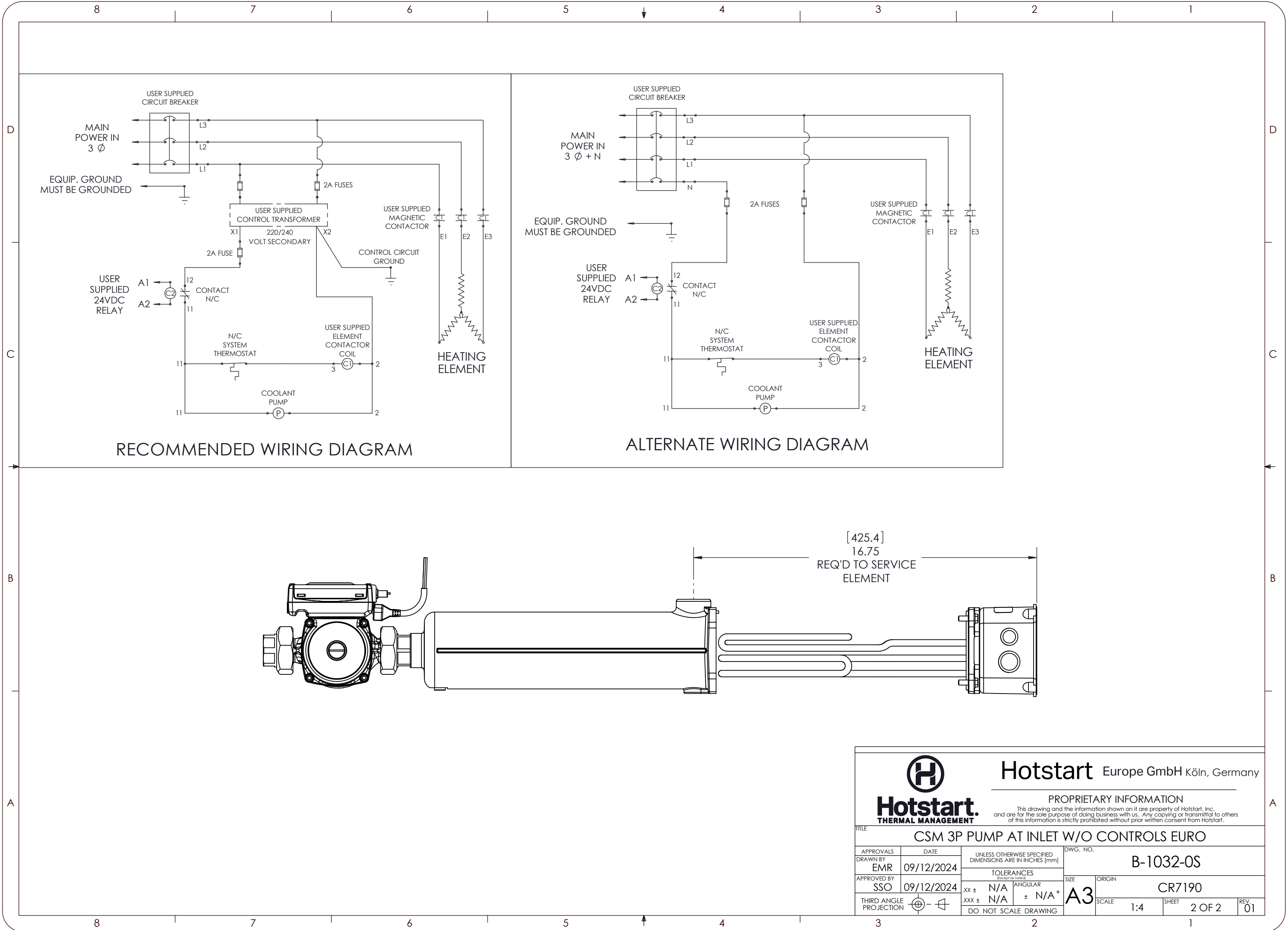
RECOMMENDATIONS:

- PUMP SHOULD BE WIRED TO RUN CONTINUOUSLY WHEN THE ENGINE IS SHUT DOWN. THIS INCREASES PRODUCT LIFE BY DECREASING THE THERMOSTAT CYCLE RATE. THIS ALSO ENSURES THE ENGINE IS MAINTAINED AT AN EVEN TEMPERATURE.



CSM3060A-8A0-E	CSM 400V 50Hz 3P 6kW 100-130F EURO
CSM3090A-8A0-E	CSM 400V 50Hz 3P 9kW 100-130F EURO
PART NUMBER	DESCRIPTION

		Hotstart Europe GmbH Köln, Germany			
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TITLE					
CSM 3P PUMP AT INLET W/O CONTROLS EURO					
APPROVALS		DATE		DWG. NO.	
DRAWN BY		09/12/2024		B-1032-OS	
APPROVED BY		09/12/2024		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES [mm]	
SSO		09/12/2024		TOLERANCES (Except as noted)	
THIRD ANGLE PROJECTION				SIZE	
				ORIGIN	
				CR7190	
				SCALE	
				1:3.5	
				SHEET	
				1 OF 2	
				REV.	
				01	





Hotstart Europe GmbH Köln, Germany

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TITLE CSM 3P PUMP AT INLET W/O CONTROLS EURO				DWG. NO. B-1032-OS	
APPROVALS DRAWN BY EMR	DATE 09/12/2024	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES [mm]		SIZE A3	ORIGIN CR7190
APPROVED BY SSO	09/12/2024	XX ± N/A	ANGULAR ± N/A°	SCALE 1:4	SHEET 2 OF 2
THIRD ANGLE PROJECTION		DO NOT SCALE DRAWING		REV. 01	