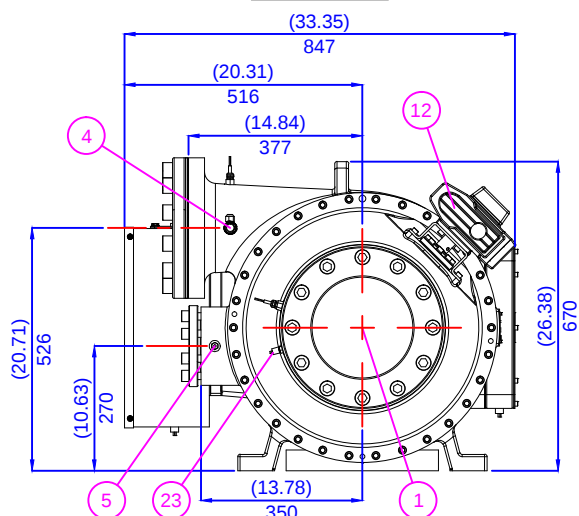


No.	Name	Specification	No.	Name	Specification
1	Suction Port Flange	8"	15	Sight Glass (Motor Direction)	
2	Discharge Port Flange	6"	16	Not Used	
3	Economizer Port Flange	2 1/2"	17	Motor Power Terminal	5/8"-11 UNC
4	Discharge Pressure Sensor Port	1/4" FL	18	Motor Power Enclosure Knockout	φ88
5	Economizer Pressure Sensor Port	1/4" FL	19	Motor Temperature Sensor Connector	6*PT100
6	Motor Pressure Sensor Port	1/4" CV	20	Bearing Cable Connector (X1C1)	
7	Externally Piped to 10		21	Bearing Cable Connector (X2C2)	
8	Bearing Cooling Outlet	1/4" FL	22	Bearing Cooling Outlet	1-1/4" FL
9	Discharge Temperature, Td	PT-100	23	Suction Pressure Sensor Port	1/4" FL
10	Externally Piped to 7		24	Suction Temperature Sensor Port	MCS-T100
11	Motor Cooling (Inlet/Liquid)	1/2" FL	25	AMBD Power Connector	4P 150VDC
12	Actuator	220V, 50/60Hz	26	Modbus Connection	RJ45
13	Not Used		27	Drain Port	1/4" PS
14	Sight Glass (Refrigerant)				

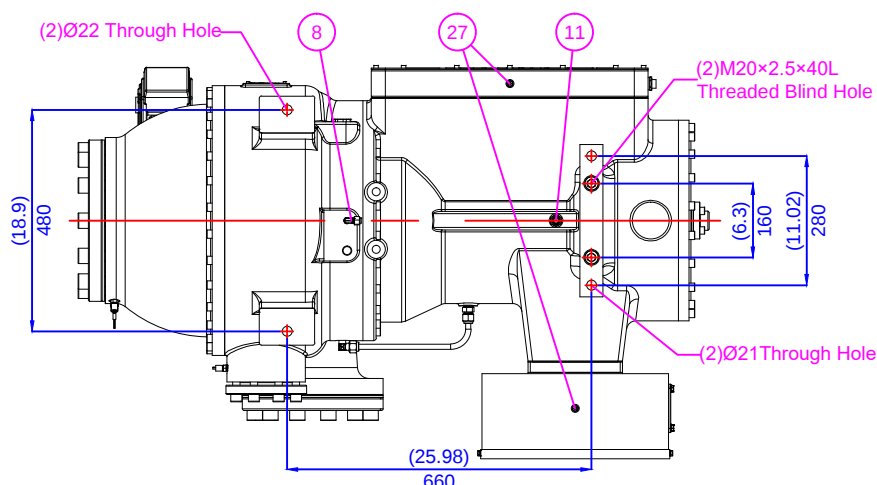


UNIT
Imperial: (in)
SI: mm

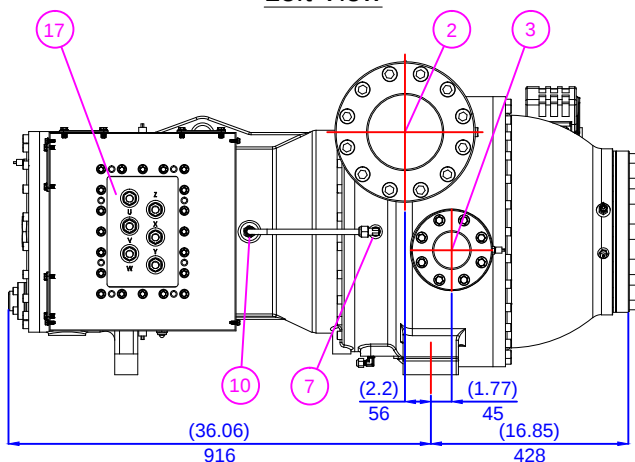
Front View



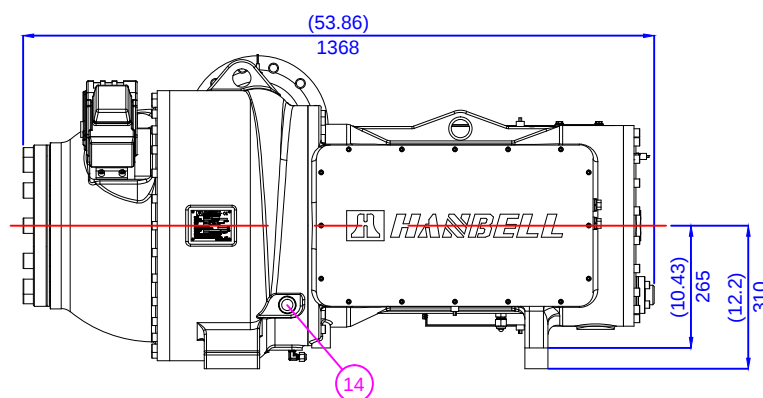
Bottom View



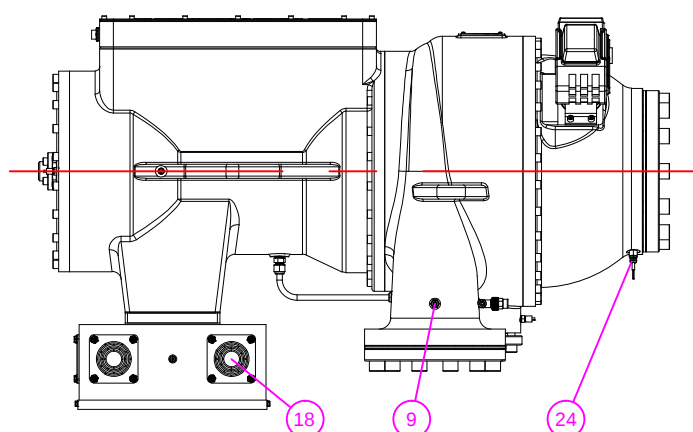
Left View



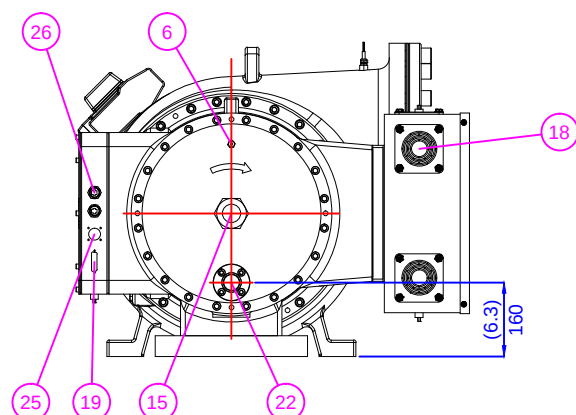
Right View



Top View



Rear View



Micro Control Systems, Inc.

5877 Enterprise Parkway

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E-mail: compressors@mcsccontrols.com

Model

RTM-090 DT

Name

Compressor outline



HANBELL

Ver. 2.0

Dimensional Outline Drawing & Component Description
for Stepless or Modulating-Type Capacity Control Application

Hanbell Model RTM-090 DT

Date 01/05/2026

Drawn By ILM