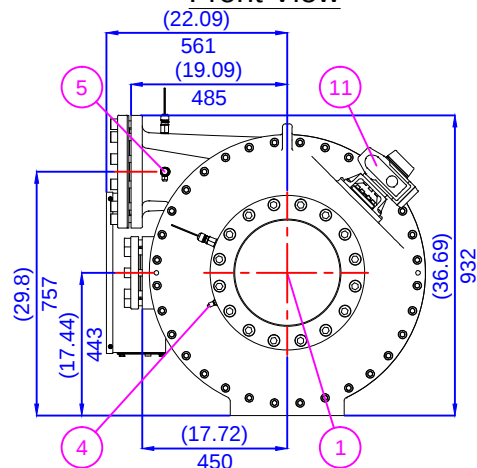


No.	Name	Specification	No.	Name	Specification
1	Suction flange	12" 20K	11	Actuator(igv1)	220V,50/60Hz
2	Discharge flange	8" 20K	12	Sight glass(Refrigerant)	
3	ECO flange	4" 20K	13	Sight glass(motor direction)	
4	Suction pressure ,Ps	1/4"FL	14	Motor power connector	7/8"-14 UNC
5	Discharge pressure,Pd	1/4"FL	15	Cable box outlet	φ114
6	Motor pressure,Pmo	1/4"CV	16	Control & sensor port	D-SUB 25Pin
7	Bearing cooling outlet	1/4"FL	17	AMBD power connector	4P 150VDC
8	Suction temperature,Ts	MCS-T100	18	Cooling outlet	1-1/2" steel/copper
9	Discharge temperature,Td	PT-100	19	Modbus port	RJ45
10	Cooling inlet	1/2"FL	20	Drain port	1/4"PS

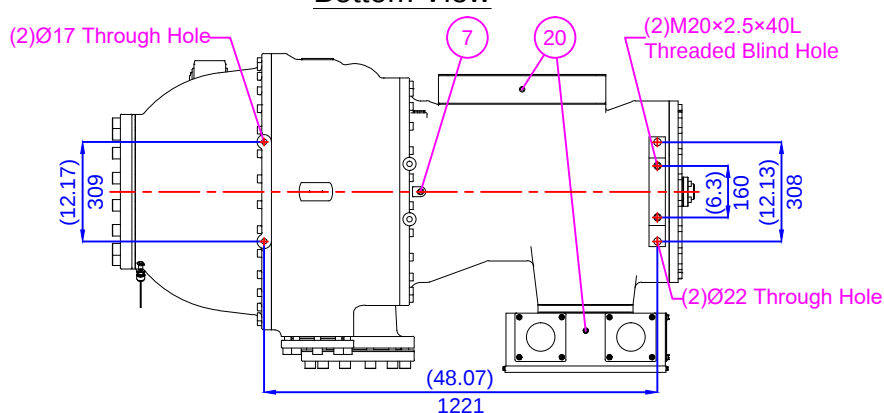


UNIT
Imperial: (in)
SI: mm

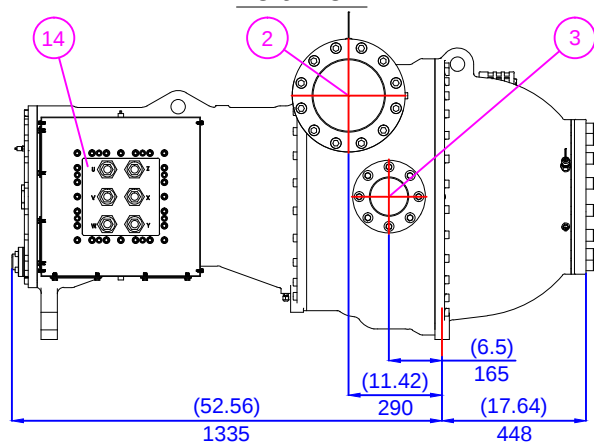
Front View



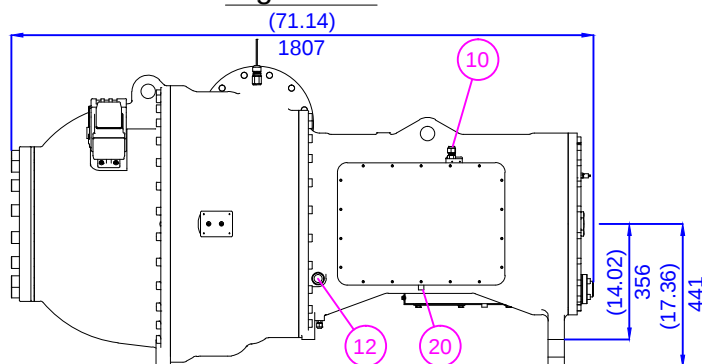
Bottom View



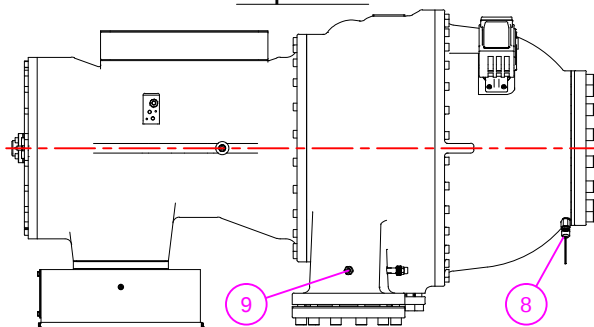
Left View



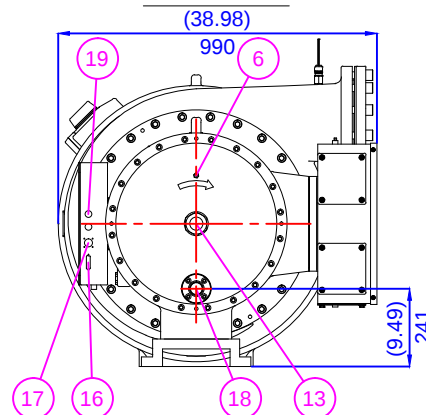
Right View



Top View



Rear View



Micro Control Systems, Inc. 5877 Enterprise Parkway Fort Myers, Florida 33905 Tel. (239) 694-0089 Fax (239) 694-0031 E-mail: compressors@mcscontrols.com	Model	RTM-180 DT			Dimensional Outline Drawing & Component Description for Stepless or Modulating-Type Capacity Control Application	
	Name	Compressor outline				
		 HANBELL	Ver.	2.0	Hanbell Model	RTM-180 DT
					Date	05/21/2025
					Drawn By	ILM