

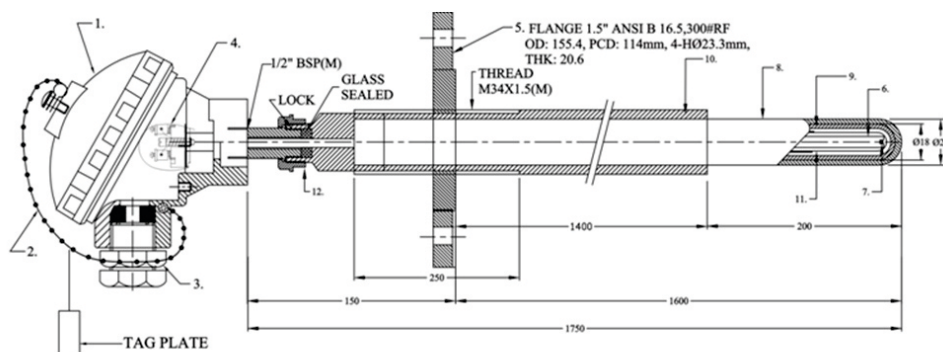
Stove dome/hot blast stove is one of the most critical sections in the steel industry. The hot blast has 3 stage operations, either on gas, on blast or bottled up (ready and waiting to be put on blast). Temperature is one of the major parameter for controlling this critical process. The temperature inside the blast furnace is about 1100°C and high pressure. The high temperature and high pressure makes the assembly very critical.



SPECIFICATIONS

Element	S, R
No. of Element	Simplex, Duplex
Holding Tube	SS 316
Inner Protection Tube	99.7% Recrystallized Alumina
Outer Protection Tube	Silicon Carbide/ KER 710
Sheath Diameter	As per customer requirement
Sheath Length	As per customer requirement
Thermowell	Flange Type

DRAWINGS



S.No.	Description
1	Connection Head with IP67 Head
2	Chain
3	DC Cable Gland
4	Ceramic Block with Terminal Spring Loaded
5	Flange
6	Insulation Tube
7	Element
8	Outer Protection Sheath
9	Inner Protection Sheath
10	Holding Tube
11	Sealing Stopper at Thermowell Neck