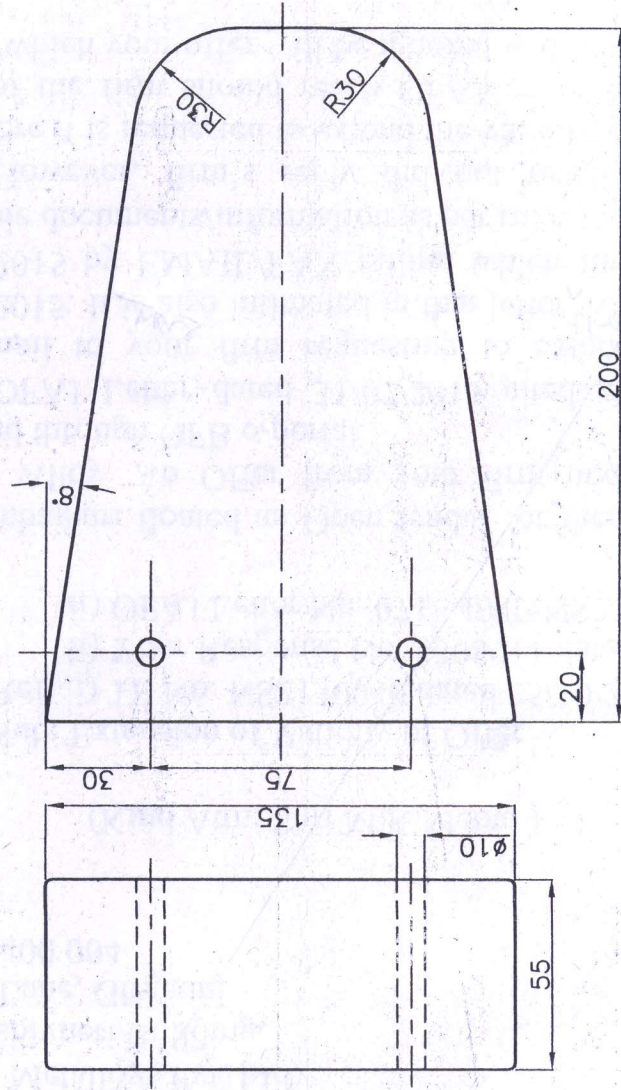


DRG. NO. FDY-220A

NOTE:

1) GENERAL TOL. AS PER IS:2102 COARSE UNLESS OTHERWISE SPECIFIED

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 यह प्रति सी डी डी / ओ.एफ.ए.जे.
 द्वारा की गई है।
 दिनांक: 03-08-2017
 Date 03-08-2017
 For JNM/CDD



ADVANCED MATERIAL:-
 FUSED SILICA/CALCIUM -
 ALUMINO-SILICATE NON-WETTING
 REFRACTORY WITH HEAT-TREATED.
 TEMP. - FOR CONTINUOUS USE
 AT 800°C.

MATERIAL - ASBESTOS FREE FUSED SILICA BASE NON WETTING REFRACTORY

CHEMICAL COMPOSITION	MATERIAL WEIGHT (%)
Al ₂ O ₃	11.5 - 12.5
SiO ₂	83.5 - 85.5
Fe ₂ O ₃	<0.1

PHYSICAL PROPERTIES

BULK DENSITY (Kg/m³) 1800
 CCS (MPa) 34
 MEAN SPECIFIC HEAT (J/Kg K) 1100
 CO-EFFICIENT OF THERMAL EXPENSION 1.25x10⁻⁶

THERMAL CONDUCTIVITY	
TEMPERATURE °C	THERMAL CONDUCTIVITY W/m ² K
HOT FACE 968	COLD FACE 705
MEAN 836	1.05

DIMENSIONS ARE IN mm		MATERIAL AS STATED	
THIRD ANGLE PROJECTION		NOMENCLATURE	
SCALE - 1:2	NAME	DATE	
2003	AMAL	20.06.03	
DRAWN			
TRACED			
CHECKED			
JNM/CDD	Internal	23-06-03	
JNM/FDY	External	24-06-03	
JT.GM/MET			
		24-6-03	
REV	DATE	DESCRIPTION	SIGN
50	18-08-2003	MATERIAL CHANGED.	
51	02-08-2003	DRG. NO. ADVANCED TO A.	
A M E N D M E N T S			
STORE			ERMAT FURNACE
COMPT.			DAM

DRAWN AS PER SAMPLE