

MECHANICAL FOAM (CARTRIDGE OPERATED) 6 LTR FIRE EXTINGUISHER

KANEX Mechanical Foam (Cartridge Operated) 6 Ltr Fire Extinguishers applicable on Class A and B fires.

Brief description: Mechanical Foam type Fire Extinguishers with nominal charge of 6 Ltr (+/-5% by volume) and CO2 Gas Cartridge of 60gm as per IS:4947. Constructed of MS Sheet by MIG Welding process and brass forged discharge Valve.

Approved Fire ratings 2A:34B with an effective throw of about 4 meters (Min. 2 m.) and discharge about 96% (Min. 95%).



Client :

PO No.:

1.00 GENERAL DATA

1.01	Manufacturer	Kanadia Fyr Fyter Pvt. Ltd.
1.02	Trade Mark	KANEX
1.03	Standard Code	IS 15683:2006
1.04	Type	Portable Cartridge Operated
1.06	Quantity	

2.00 MATERIALS OF CONSTRUCTION

2.01	Extinguishing Medium	Distilled Water + AFFF Foam 6% confirms to IS:4989 (Part-II)
2.02	Body	Mild Steel Sheet having Max. of 0.25% C, 0.05% P and 0.05% S
2.03	Neck Ring	M.S. Pipe
2.04	Valve	Brass
2.05	Siphon Tube	Plastic
2.06	CO2 Gas cartridge	60 gm As per IS:4947
2.07	Wall mounting Bracket with screw	Mild steel (Powder Coated)
2.08	Discharge Hose with Nozzle	Rubber Braided EPDM Hose (Length:465mm) with Air aspirated Nozzle

3.00 GUARANTEED PERFORMANCE

3.01	Performance Requirement	Min. effective Discharge Time: 13 Sec. (Actual : 22 Sec. approx) Bulk Range of Discharge: Min. 2 meter (Actual : 4 meter approx) Percentage of Discharge: Not Less than 95 % (Actual : 96 % approx)
3.02	Temperature Range	+5 °C to +55 °C
3.03	Service Pressure	14 bar
3.04	Maximum Service Pressure	16 bar

4.00 ROUTINE TESTS

4.01	Pressure test (Pt)	35 bar (3.5 MPa)
4.02	Minimum Burst Pressure test (Pb) for Body	55 bar (5.5 MPa)
4.03	Leakage test for cartridges	By dipping in to water leakage to be checked
4.04	Partial discharge	The second pressure or weight shall not be less than 75% of the first after interruption of the Discharge.
4.05	Burst Pressure Test For Discharge Hose	Not Less than 35 bar (3.5 Mpa)

5.00 TYPE TESTS

As per IS 15683

6.00 DIMENSIONS

6.01	Thickness of sheet	Max. Diameter: 150±10 mm.
6.02	Full weight of cylinder	Height: 540 mm (Approx.) Made Up of 2.0 mm
7.00	ANTI - CORROSIVE TREATMENT	10 kg (Approx) Phosphate Treatment Followed by epoxy powder coating of body DFT Not less than 50μ and Internal Powder coating
8.00	ACCESSORIES (BRACKETS & SCREWS)	Provided

9.00 MISCELLANEOUS

9.01	Inspection & Testing	As per approved GTP
9.02	Finish	PO Red as per IS : 5 (Shade 538)
9.03	Marking	As per IS 15683:2006
9.04	Approvals	BIS
9.05	Maintenance, Care and Refilling	As per IS:2190
10.00	Packing	Corrugated boxes (Outer box sizes: 210x210x630mm)