

MONNEX DRY POWDER (PBC UREA BASED) CARTRIDGE OPERATED 6 KG FIRE EXTINGUISHER

KANEX Monnex Dry Powder (PBC -UREA Based) Cartridge operated 6 kg Fire Extinguishers applicable on Class B, C and electrically started fires.

Brief description: Monnex Dry Powder (PBC -Urea based) Fire Extinguishers with nominal charge of 6 kg (+/-2%). Constructed of MS Sheet by MIG Welding process and brass forged discharge Valve.

Factory Tested EN rating 233B with an effective throw of about 6 meters (Min. 2 m.) and discharge about 94% (Min. 85%).



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
1.05	Quantity	

2.00 MATERIALS OF CONSTRUCTION

2.01	Extinguishing Medium	Monnex (Potassium Bi carbonate Urea based dry powder)
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 (Inlet/ Outlet)	Aluminum
2.06	CO2 gas Cartridge	200gm 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:560mm) with Plastic Nozzle

3.00 GUARANTEED PERFORMANCE

3.01	Performance Requirement	Min. effective Discharge Time: 13 Sec. (Actual : 31 Sec. approx) Bulk Range of Discharge: Min. 2 meter (Actual : 6 meter approx) Percentage of Discharge: Not Less than 85 % (Actual : 94 % approx)
3.02	Temperature Range	-30 °C to +55 °C
3.03	Service Pressure	15 bar
3.04	Maximum Service Pressure	18 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	By applying soap solution leakage to 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

		Max. Diameter: 180±10 mm. Height: 585 mm (Approx.)
6.01	Thickness of sheet	Made Up of 2.0 mm
6.02	Full weight of cylinder	12.3 kg (Approx)
		Phosphate Treatment Followed by epoxy powder coating of body DFT Not less than 50 Micron

7.00 ANTI - CORROSIVE TREATMENT

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	CE
9.05	Maintenance, Care and Refilling	As per IS:2190
10.00	Packing	Corrugated boxes (Outer box sizes: 210x210x630mm)