INTIME FIRE APPLIANCES PVT. LTD.
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AN ISO 9001:2015 Certified Company

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TECHNICAL DATA SHEET

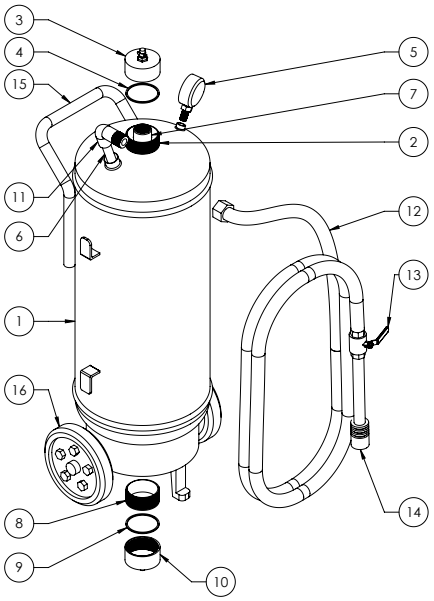
Product Name	**TROLLEY-MOUNTED DCP (PBC) FIRE EXTINGUISHER** (Inside Cartridge)
Model Number	**CTI-PBC-TM-25**
Description	25 Kg dry powder extinguishers, MS Sheet body, brass forged cap, epoxy coated IS:7285.



GENERAL INFORMATION	
Type	Trolley Mounted, Internal Cartridge
Capacity	25 Kg
Fire Rating	233B
Certification	CE
MATERIAL OF CONSTRUCTION	
Ext. Medium	Potassium Bi Carbonate (PBC) dry powder (IS 4308:2019)
Propellant	CO2 Gas Cartridge-500 Gm
Body	Mild Steel Sheet (IS:2062)
Neck Ring	MS Pipe (IS:1239 (part-1))
Cap	Brass (IS:319)
Siphon Tube (Inlet/ Outlet)	MS pipe (IS:3601/IS:1239)
Discharge Hose	PVC braided hose (Burst pressure ≥55 bar)
Discharge Hose with Nozzle	Aluminium alloy nozzle (IS:617)
Trolley	Yes
Trolley Wheel	Solid rubber / HDPE
Carrying Handle	MS pipe
Drain Plug	Brass (IS:319)
PERFORMANCE DATA	
Eff. Discharge Time	≥30 Sec
Discharge Range	≥6 m
% of Discharge	≥85%
Temperature Range	-30° to 55° C
WP (Max)	15 bar
Service P. (Max)	18 bar
ROUTINE TESTS	
Hydro Pressure (Pt)	35 bar (3.5 MPa) for 60 Sec
Burst Pressure (Pb)	55 bar (5.5 MPa) for 60 Sec
Type Tests	As per IS 16018:2012

DIMENSIONS	
Diameter (±10)	300 mm
Height (±10)	770 mm
Filler Opening	75 mm
Sheet Thickness	3 mm
Full Weight (Approx)	74 Kg
ANTI-CORROSIVE TREATMENT	
Treatment	Phosphate treatment & epoxy powder coating (DFT ≥50 Micron)
MISCELLANEOUS	
Inspection & Testing	As per approved QAP
Approvals	PED
Marking	As per IS 16018:2012
Finish	PO Red (IS:5 (Shade 538)
Refill & Care	IS 2190
Packing	Corrugated paper & suitable jute bags

DESIGN DATA



1. Cylinder
2. Neck Ring
3. Cap
4. 'O' Ring
5. Pressure Gauge
6. Siphon Tube
7. Internal Cartridge
8. Drain Ring
9. Drain Plug Washer
10. Drain Plug
11. Discharge Connector
12. Discharge Hose
13. Discharge Valve
14. Discharge Nozzle
15. Carrying Handle
16. Trolley Wheel

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