INTIME FIRE APPLIANCES PVT. LTD.
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TECHNICAL DATA SHEET

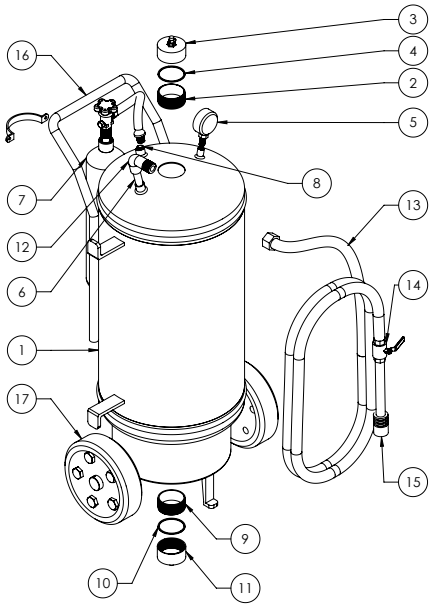
Product Name	**TROLLEY-MOUNTED DCP (PBC) FIRE EXTINGUISHER** (External Cartridge)		
Model Number	**CTO-PBC-TM-25**	**CTO-PBC-TM-50**	**CTO-PBC-TM-75**
Description	25 Kg/50 Kg/75 Kg dry powder extinguishers, MS Sheet body, brass forged cap, epoxy coated, with CO2 cylinders (1 Kg or 2 Kg) as per IS:7285.		



DIMENSIONS			
Diameter (±10)	300 mm	400 mm	
Height (±10)	770 mm	950 mm	1200 mm
Filler Opening	75 mm		
Sheet Thickness	3 mm		
Full Weight (Approx)	74 Kg	110 Kg	130 Kg
ANTI-CORROSIVE TREATMENT			
Treatment	Phosphate treatment & epoxy powder coating (DFT ≥50 Micron)		
MISCELLANEOUS			
Inspection & Testing	As per approved QAP		
Approvals	BIS, PED		
Marking	As per IS 16018:2012		
Finish	PO Red (IS:5 (Shade 538)		
Refill & Care	IS 2190		
Packing	Corrugated paper & suitable jute bags		

GENERAL INFORMATION			
Type	Trolley Mounted, External Cartridge		
Capacity	25 Kg	50 Kg	75 Kg
Fire Rating	233B		
Certification	CE/IS 16018:2012		
MATERIAL OF CONSTRUCTION			
Ext. Medium	Potassium Bi Carbonate (PBC) dry powder (IS 4308:2019)		
Propellant	CO2 Gas		
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)		
CO2 Gas Cylinder	1 KG (IS:7285)	2KG (IS:7285)	
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		

DESIGN DATA



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

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