INTIME FIRE APPLIANCES PVT. LTD.
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TECHNICAL DATA SHEET

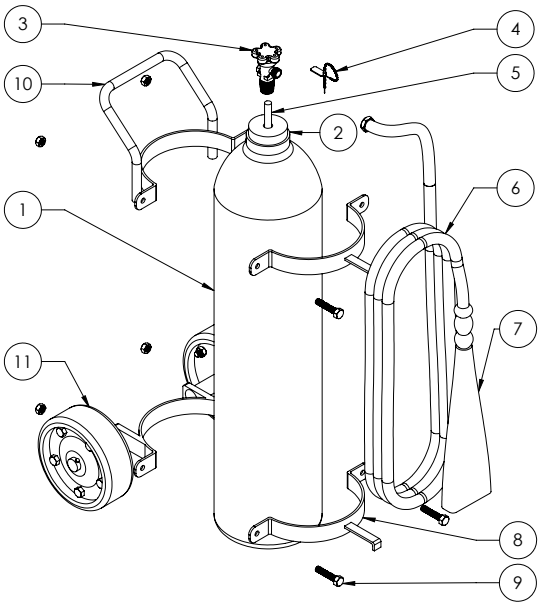
Product Name	**TROLLEY-MOUNTED CARBON DIOXIDE FIRE EXTINGUISHER** (Stored High Pressure)		
Model Number	**SHP-CO2-TM-6H**	**SHP-CO2-TM-9**	**SHP-CO2-TM-22H**
Description	These extinguishers come with a nominal charge of 6.5 Kg, 9 Kg, or 22.5 Kg carbon dioxide. The body is constructed by hot spinning of seamless pipe with a brass forged discharge valve and finished with enamel spray paint.		



DIMENSIONS			
Diameter (±10)	140 mm		232 mm
Height (±10)	980 mm	1250 mm	1130 mm
Shell Thickness	≥4.0 mm		≥5.2 mm
Full Weight (Approx)	≥23 Kg	≥34 Kg	≥84 Kg
MISCELLANEOUS			
Inspection & Testing	As per IS 16018:2012		
Approvals	BIS/PESO/PED/ IRS	BIS/PESO/PED	
Marking	IS 16018:2012		
Finish	IS: 5 (Shade 536/538)		
Refill & Care	As per IS 2190		

GENERAL INFORMATION			
Type	Trolley Mounted - Stored High Pressure		
Capacity	6.5 Kg	9 Kg	22.5 Kg
Fire Rating	55B		89B
Certification	CE/IS 16018:2012		
MATERIAL OF CONSTRUCTION			
Ext. Medium	CO2 gas (Purity 99.5% as per IS:15222)		
Body	Seamless Manganese steel - ISI marked (IS:7285)		
Siphon Tube (Inlet/ Outlet)	Aluminium		
Valve	Brass - wheel type (IS:3224)		
Discharge Hose with Nozzle	Wire braided hose (Burst pressure ≥275 bar)		
Discharge Applicator	Electrical non-conductor Polyethylene (Discharge horn)		
Trolley Wheel	HDPE / Solid rubber		
Carrying Handle	MS Powder coated		
PERFORMANCE DATA			
Eff. Discharge Time	≥15 Sec		
Discharge Range	≥2 m		
% of Discharge	≥95%		
Temperature Range	−30°C to 55°C		
WP (Max)	60-70 bar		
Test Pressure	225 bar		
ROUTINE TESTS			
Hydro Pressure (Pt)	225 bar (22.5 MPa)		
Leakage Test	By submersion in water to check for leaks		

DESIGN DATA



1. Cylinder
2. Neck Ring
3. Hand Wheel Valve
4. Seal
5. Siphon Tube
6. Discharge Hose
7. Discharge Horn
8. Clamp
9. Nuts & Bolts
10. Handle
11. Trolley Wheel

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