CO2 (HIGH PRESSURE) TROLLEY MOUNTED 22.5 KG FIRE EXTINGUISHER



Applicable Class of fire - B, C and electrically started fires.

Brief description: These extinguishers come with nominal charge of 22.5 kg carbon dioxide. Body is constructed by hot spinning of seamless pipe and brass forged discharge Valve. Extinguisher is Enamel spray painted.

1	**GENERAL DATA**		
	Manufacturer	:	Intime Fire Appliances Pvt. Ltd.
	Trade Mark	:	"**INTIME**"
	BIS standard code	:	IS 16018:2012
	Type	:	Trolley Mounted - High pressure
2	**MATERIAL OF CONSTRUCTION**		
	Extinguishing medium	:	CO_2 gas (Purity 99.5% as per IS:15222)
	Body	:	Seamless Manganese steel - ISI marked & confirms to IS:7285
	Valve	:	Brass - wheel type as per IS:3224
	Siphon tube	:	Aluminum
	Discharge hose	:	Wire braided hose (Burst pressure ≥ 275 bar)
	Flat Discharge horn	:	Electrical non-conductor Polyethylene (Discharge horn)
	Trolley	:	MS Powder coated
	Trolley Wheel	:	HDPE / Solid rubber
3	**PERFORMANCE DATA**		
	Fire rating	:	89B
	Performance requirements	:	**Min. Bulk range of discharge :** 2 Mtr. (Actual : 3 Mtr. Approx.)
		:	**Min. Percentage of discharge :** 95% (Actual : 97% Approx.)
	Temperature range	:	-30° to +55° C
	Service pressure	:	60-70 bar
	Test pressure	:	250 bar
4	**ROUTINE TESTS**		
	Hydro Pressure Test (Pt)	:	250 bar (25 MPa)
	Leakage test	:	By dipping into water leakage is to be checked
5	**TYPE TESTS**	:	As per IS 16018 : 2012
6	**DIMENSIONS**	:	**Diameter :** 232 ± 10 mm
		:	**Height :** 1130 mm Approx.
	Shell thickness	:	Min. 5.2 to 5.4 mm
	Full weight of extinguisher	:	84 or 86 kg (Approx.)
7	**COLOUR & PAINTS**	:	Durable Enamel spray painted (PO Red Shade no.538 as per IS-5)
8	**MISCELLEANEOUS**		
	Inspection & testing	:	As per approved QAP
	Finish	:	PO Red as per IS : 5 (Shade 538)
	Marking	:	As per IS 16018:2012
	Approvals	:	BIS / PESO / PED
	Maintenance, care and refilling	:	As per IS 16018:2012
9	**IN BOX ACCESSORIES**	:	Trolley + Wheel
10	**PACKING**	:	Corrugated paper & suitable jute bags

MARKING: AS PER IS 16018:2012

APPROVAL : PED / BIS / PESO MARKED

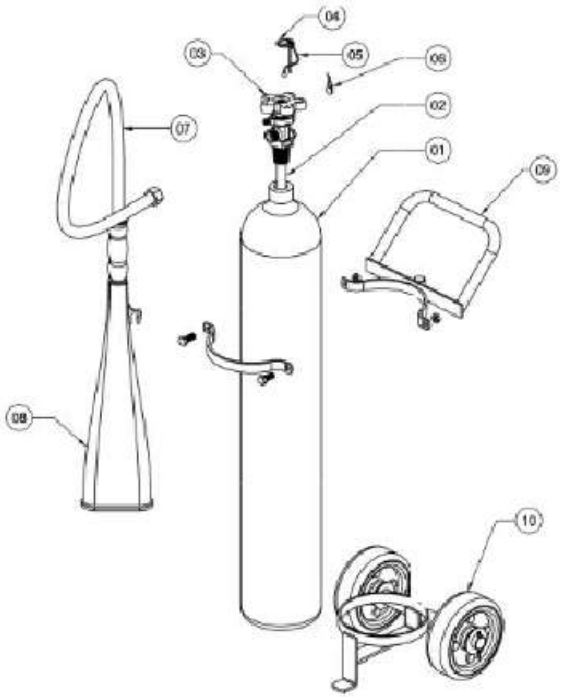
DESIGN DATA

SR. NO	PARTICULARS	DESCRIPTION
01	CAPACITY	22.5 KG
02	TEMPERATURE RANGE	+30° to +55° C
03	SERVICE PRESSURE	60-70 bar
04	PRESSURE TEST (PT)	250 bar

PERFORMANCE PARAMETERS

SR. NO	PARTICULARS	DESCRIPTION
01	EFFECTIVE DISCHARGE TIME	MIN. 15 SEC. (Actual: 37 sec. aprx.)
02	PERCENTAGE OF DISCHARGE	NOT LESS THAN 95% (Actual: 97% aprx.)
03	FIRE RATING	89B

HARD PUNCH MARKING
MFG, YEAR, PT250BAR SR NO, TARE WEIGHT, GROSS WEIGHT , WATER CAP.





1130 mm ± 5 mm Approx.

Ø232 ± 10 mm
(Approx)

11	EXTINGUISHING MEDIUM	C02 GAS PURITY 99.5% AS PER IS:15222	22.5
10	TROLLY WHEEL	HDPE / SOLID RUBBER	01
09	TROLLY	MS (POWDER COATED)	01
08	DISCHARGE HORN	POLYETHYLENE - NON CONDUCTOR OF ELECTRICITY	01
07	DISCHARGE HOSE	WIRE BRAIDED 2 Mtr. LONG, ID:10 mm (BURST PRESSURE 275 bar)	01
06	SEAL	LEAD	01
05	SAFETY PIN HOLDER	SOFT PVC	01
04	SAFETY PIN	MS CHROMED PLATED	01
03	WHEEL TYPE VALVE	BRASS CONFIRMS TO IS:3224	01
02	SIPHON TUBE	ALUMINUM ALLOY CONFIRMS TO IS:738	01
01	BODY	SEAMLESS MANGANESE STEEL (ISI MARKED) CONFIRMS TO IS:7285	01
SR. NO	DESCRIPTION	MATERIAL	QTY.

					DATE	NAME
				DRAWN	22.12.22	VIJAY
				CHECK	22.12.22	SHEKHAR
				APP	22.12.22	AM
SYMBOL	REVISION DECRIPTION	DATE	BY			

TITLE :
C02 TROLLEY MOUNTED (HIGH PRESSURE)
22.5 KG FIRE EXTINGUISHER

GAD NO. : INTIME-CO2-22.5-TR-HP

INTIME FIRE APPLIANCES PVT LTD
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SCALE : NTS | SHEET : 1 OF 1