



Fire and explosion protection

# HRD CONTAINER WITH EXTINGUISHING MEDIUM – EU TYPE

An HRD container with extinguishing medium is a cylinder designed to apply fire extinguishing medium to a protected device to prevent or suppress a potential explosion.

The complete HRD container assembly consists of a pressure vessel, an HRD valve with a pressure generator and other accessories.

When an explosion occurs and detects, the pressure generator is fired and initialized to release the belaying element and the HRD vessel valve is opened. This makes it possible to flow the extinguishing medium carried by the compressed carrier gas through the valve from the pressure vessel to the protected device.



DATA SHEET

TECHNICAL PARAMETERS							
Container type	A1	A2	B	C	D	E	G
Volume [l]	5,34	5,34	8	20	20	50	50
Weight (inc. extinguishing agent) [kg]	14	15	45	75	90	120	135
Valve size	3/4"	3/4"	3"	3"	4"	3"	4"
Working pressure [bar]	120	50					
Operating temperature [°C]	-20 to +60						
Optional accessories	Pressure switch for operating pressure drop indication Mechanical lock including sensor for locked position indication.						





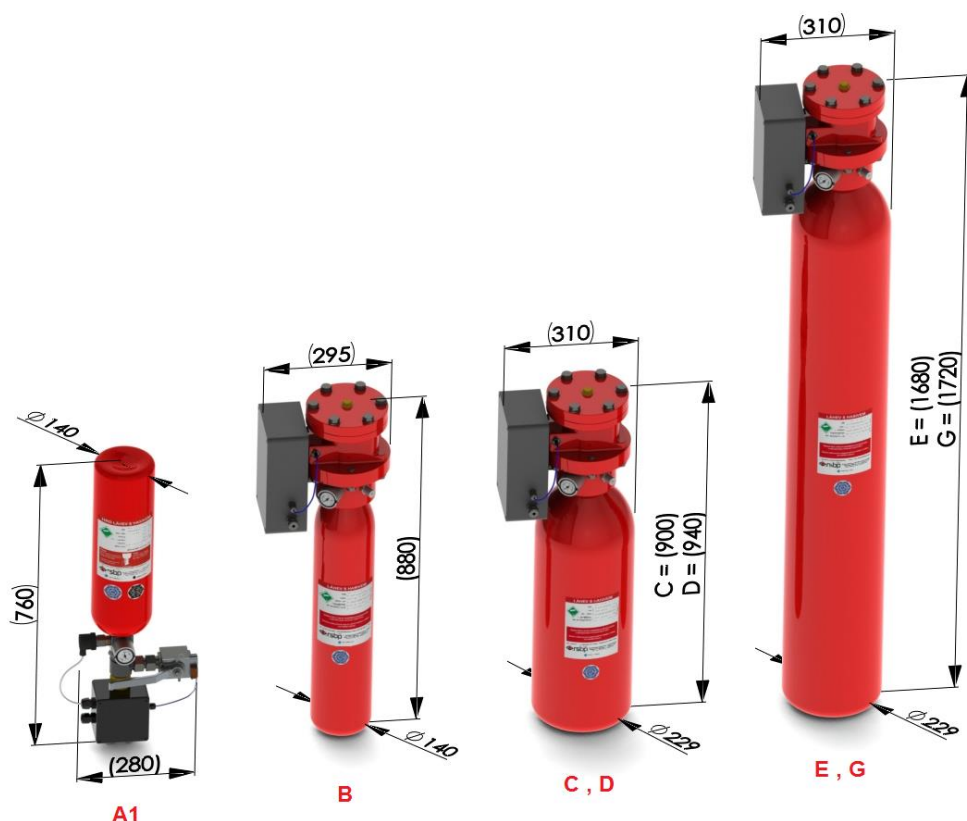
## HRD CONTAINER WITH EXTINGUISHING MEDIUM – NFPA TYPE

An HRD container with extinguishing medium is a cylinder designed to apply fire extinguishing medium to a protected device to prevent or suppress a potential explosion.

The complete HRD container assembly consists of a pressure vessel, an HRD valve with a pressure generator and other accessories.

When an explosion occurs and detects, the pressure generator is fired and initialized to release the belaying element and the HRD vessel valve is opened. This makes it possible to flow the extinguishing medium carried by the compressed carrier gas through the valve from the pressure vessel to the protected device.

This NFPA type HRD container is equipped with a pressure drop sensor and mechanical lock including sensor for locked position indication.



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