Westport Fuel Systems Brescia	CYLINDER SOLENOID VALVE TYPE MCR110-007	Date 12-05-21 DATA SHEET

CYLINDER SOLENOIDE VALVE

FLUID COMPATIBILITY : NATURAL GAS, AIR and HELIUM
WORKING PRESSURE : 26MPa
WORKING TEMPERATURE : -40 °C to +85 °C

PASSAGE DIAMETER : Ø5.0mm MIN
MINIMUM GAS FLOW AREA : 19.6mm2

BODY MATERIAL : BRASS
SEALS MATERIAL : ELASTOMER SUITABLE FOR GAS APPLICATIONS -40 °C to +85 °C

APPLICABLE TORQUE ON CYLINDER CONNECTION : 270 Nm ±10 Nm

APPLICABLE TORQUE ON OUTLET CONNECTION : 35 Nm max
WEIGHT : 872g

DEVICE DESIGNED IN ACCORDANCE TO :
- ISO15500
- ECE R110

COMPOSITION OF CNG ACCORDING TO :
- ISO 15403-1:2006
- ISO/TR 15403-2:2006
- SAE J1616

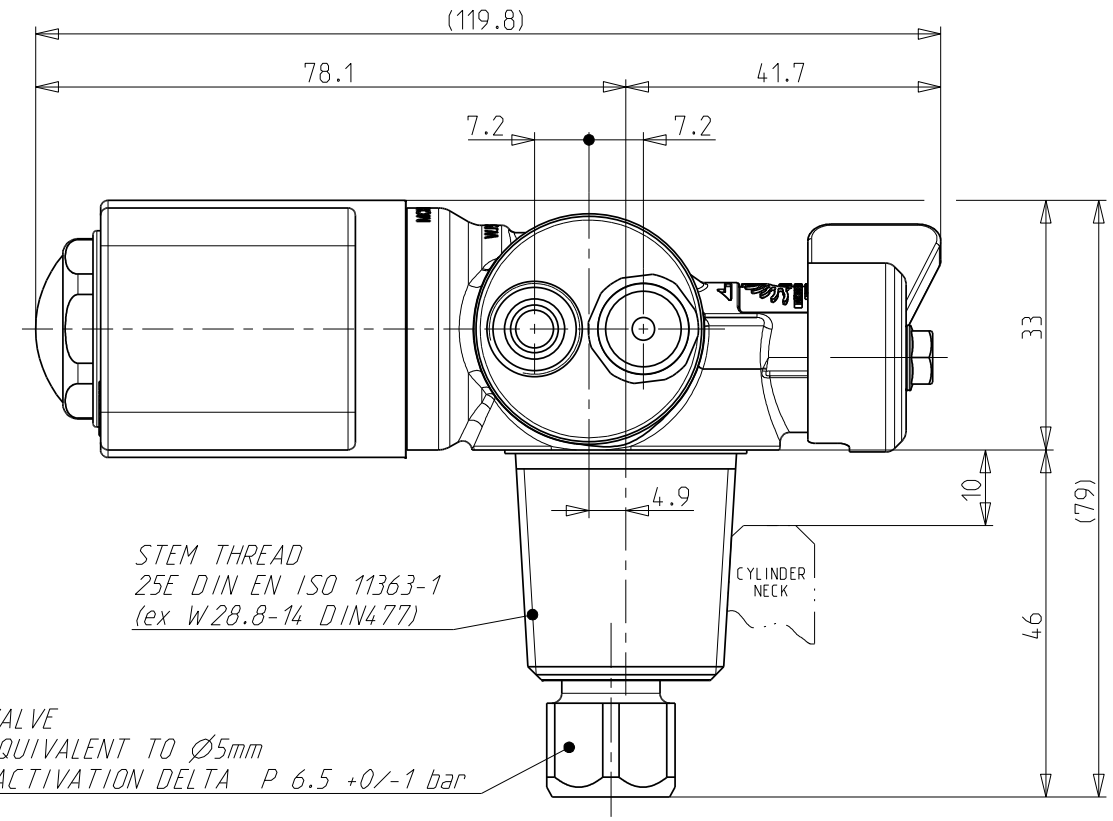
CNG PROCEDURE FOR COMPRESSOR CONSTRUCTION ACCORDING TO :
- PrEN 13638:2006

§ EXTERNAL LEAKAGE RATE ACCORDING TO ECE R-110 TEST

§ APPROVAL ACCORDING TO ECE R110 (N° E3 110R-043019)

FOR ANY DEVIATIONS PLEASE CONTACT WFSItaly

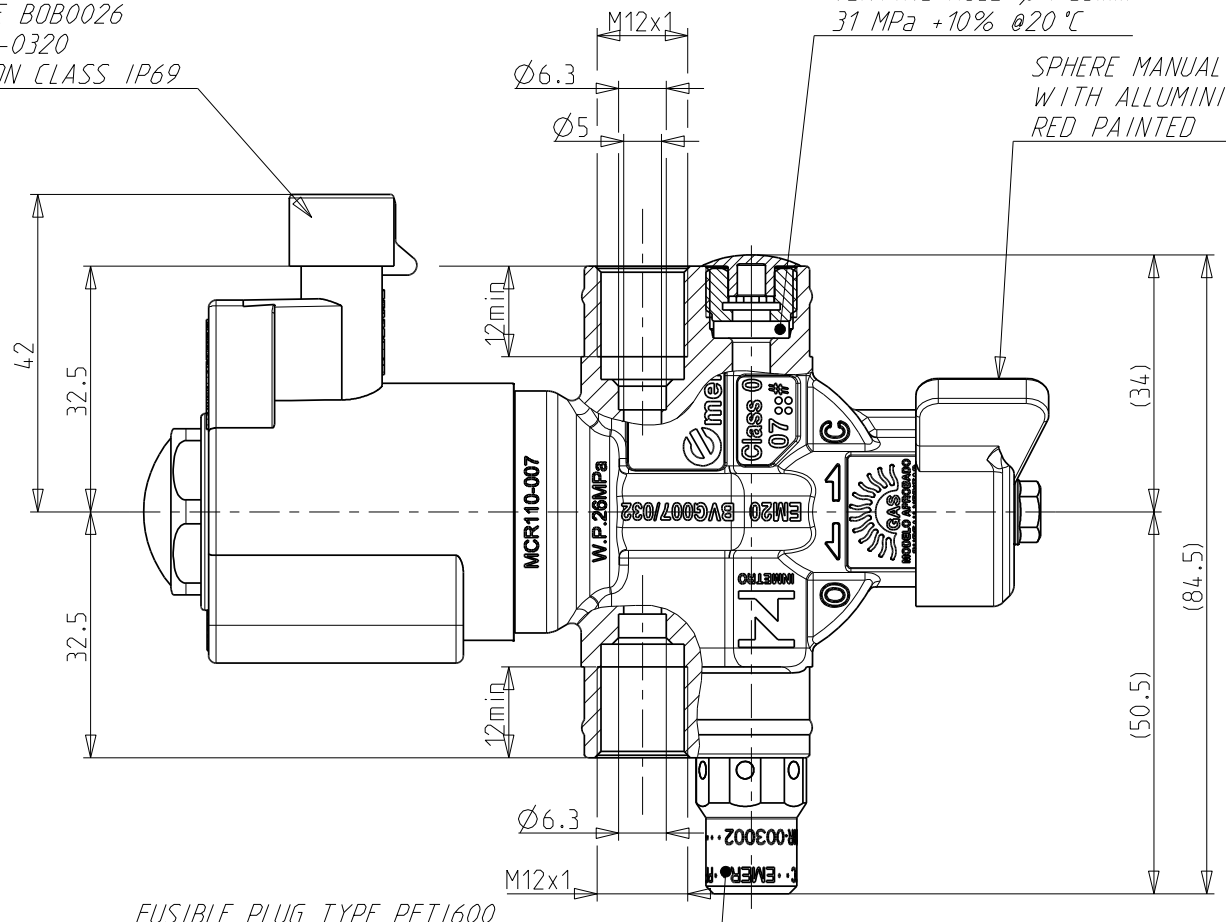
NOT VENTED VALVE



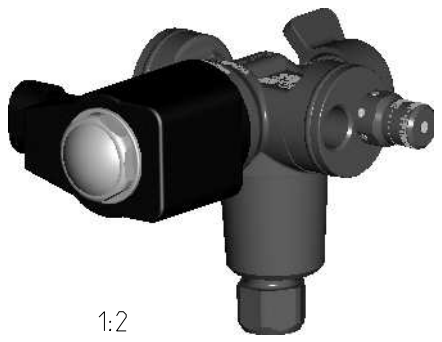
SOLENOID 12V DC -13 W
AMP SUPERSEAL 1.5mm
EMER CODE BOB0026
E4 10R-03-0320
PROTECTION CLASS IP69

BURST DISC
VENTING HOLE Ø4.35mm
31 MPa +10% @20 °C

SPHERE MANUAL CUTOFF
WITH ALLUMINIUM
RED PAINTED SHORT LEVER



FUSIBLE PLUG TYPE PFT1600
TRADITIONAL SYSTEM (PISTON\ALLOY)
BRASS BODY
VENTING HOLE Ø5 mm
FREE EXIT WAY
FUSION TEMP. 110 °C ±10 °C
E3 110R-003002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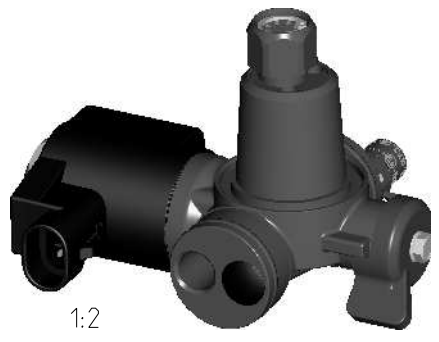
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IMPORTANT CLASS DIMENSION				
Actual	Previous	Dimension	CP	CPK
#	+	IMPORTANT	1	1
##	C △	CRITICAL	1.33	1.33
§	▽ ▲	REPORT	1.67	1.67