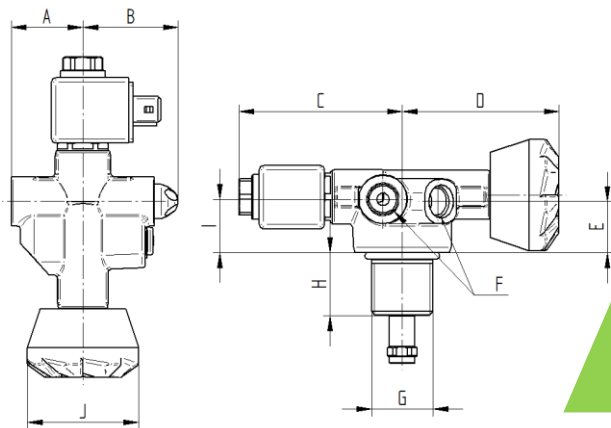


RV200

K905-161.7XX



general information

product area	AlternativeFUELcontrol
application	CNG fuel systems with up to 200 bar (2900 psi) service pressure
characteristics	multifunction valve with: • automatic solenoid valve • manual valve • TPRD (thermal activated pressure relief device) with glass bulb technology • PPRD (pressure activated pressure relief device) • EFV (excess flow valve) • live port (permanent pressure port)

technical data

gas type	compressed natural gas (CNG)
TPRD release temperature	110 °C ± 10 °C (230 °F ± 18 °F)
vessel connection (H)	• 1 1/8-12 UNF-2A • 25E - others on request
inlet and outlet connection (G)	• 9/16-18 UNF-2B SAE J1926-1 • 1/2-20 UNF-2B SAE J926-1 • 7/16-20 UNF-2B SAE J1926-1 • 1/4-18 NPT, - others on request
service pressure	200 bar @15 °C (10150 psi @59 °F)
working pressure	260 bar @85 °C (12700 psi 185 °F)
temperature range	-40 °C bis +85 °C (-40 °F to +185 °F)
orifice diameter	6 mm (0,236 inch)
Kv-value [m³/h]	discharge 0.50 filling 0.48 PPRD 0.76 TPRD 0.92
Cv-value [US-gallons/min]	discharge 0.59 filling 0.57 PPRD 0.99 TPRD 1.08
weight	approx. 1040 g (approx. 2,3 lb)
sealing	axial

dimensions

A	34 mm (1.33 inch)
B	44 mm (1.73 inch)
C	76 mm (2.99 inch)
D	73 mm (2.87 inch)
E	24 mm (0.94 inch)
F	inlet and outlet connection
G	vessel connection
H	29,5 mm (1.16 inch)
I	25 mm (0.95 inch)
K	Ø52 mm (2.04 inch)

materials

metals	• components in permanent contact with gas: brass, stainless steel
polymers	• gasket: NBR, FKM • support rings: NBR, PTFE

certification & approval

- UN ECE-R110 (04)