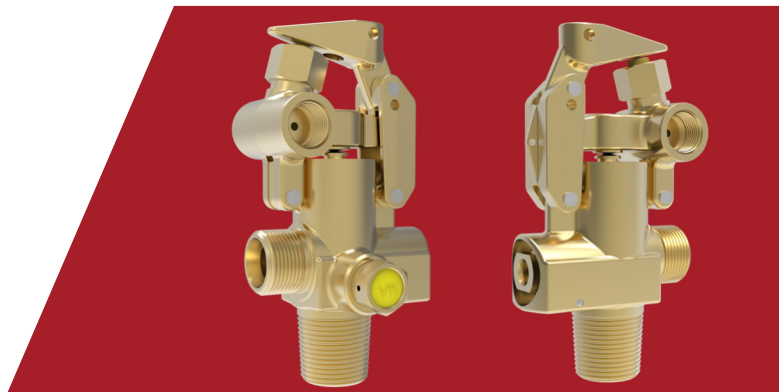
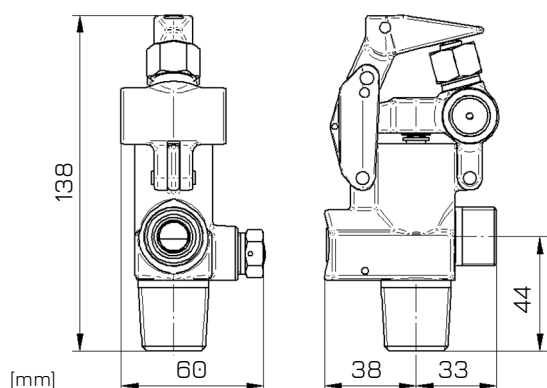


QRV - Quick Release Valve

K85-55



General Information

Product Area	FIREcontrol
Application	The K85-55 quick release valve serves as the main shut-off unit in gas cylinders for use in stationary high pressure fire extinguishing systems
Function	Valve can be triggered pneumatically via the integrated/external pneumatic piston or mechanically with a lever. After triggering, the valve remains fully open and ensures that the compressed gas cylinder is completely emptied

Technical Data

Valve Type	Quick Release Valve typ C according to ISO 17871 (100 release cycles)
Extinguishing Type	• IG 01 (Argon) • IG 55 (Argon, Nitrogen) • IG 100 (Nitrogen) • IG 541 (Argon, Nitrogen, CO₂) • CO₂ • FK-5-1-12 • HFC-227ea
Inlet Port	25E according to ISO 11363-1; others on request
Outlet Port	M24 x 1.5 (ISO8434-1)
Pneumatic Port	G3/8"
Working Pressure	300 bar @ 15 °C
Valve Seat Nominal Diameter	DN12 mm
Working Temperature	-30 °C to 80 °C
Weight	750-1000 g
Kv Value	3.5 m ³ /h

Materials

Metals	Brass
Polymers	PEEK / POM / EPDM

Optional Accessories

Manual activation	Hand lever
Pneumatic activation	Electropneumatic release unit, connection kit electropneumatic release unit to valve, connection kit cylinder to cylinder
Additional accessories	Locking nut, adapter with pressure gauge or contact pressure gauge
Bursting Device	190 bar, 250 bar, 306 bar, 405 bar; other pressure ranges on request

Certification & Approval



- π 0589 according to TPED (BAM)
- p 0038 according to UK TPE
- CE 0786 according to CPR (Vds)
- ISO QC according to ISO 17871

Example of use

