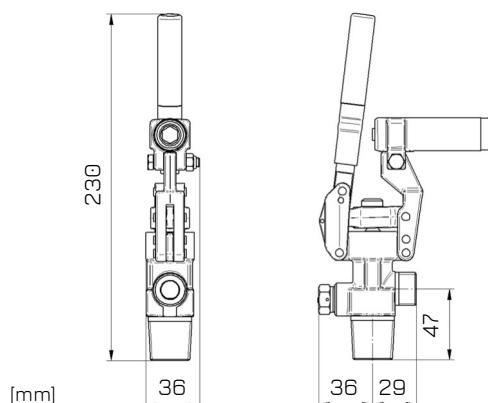


QRV - Quick Release Valve

K85-20/-21



General Information

Product Area	FIREcontrol
Application	The K85-20 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 mechanically with a lever. After triggering, the valve remains fully open and ensures the total discharge of the gas cylinder

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	W21,8 x 1/14" AG (DIN 477 No. 6)
Pneumatic Port	G3/8"
Working Pressure	200 bar @ 15°C
Valve Seat Nominal Diameter	DN 12 mm
Working Temperature	-30 °C to 80 °C
Weight	750-1000 g
Kv Value	3.5 m³/h

Materials

Metals	Brass
Polymers	PEEK / POM / EPDM
Manual activation	Hand lever
Pneumatic activation	External pneumatic piston
Additional accessories	Locking nut
Bursting Device	190bar, 250bar; 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

