

PRESSURE REDUCING VALVE

Ductile Iron Pressure Reducing Valve

REF **EFC-272** ISSUED 05 Jun 2026

SPECIFICATIONS

Pressure	PN16
End connection	flanged (DIN, BS, UNI, ISO, ANSI, AS, JIS)
Temperature	null°C to null°C
Media	Water

APPROVALS & CERTIFICATIONS

- LR (Lloyd's Register)
- ECM (Ente Certificazione Macchine)
- ISO
- EAC
- CE
- Bureau Veritas
- ACS (Attestation de Conformité Sanitaire)
- WRAS Approved Product

APPLICATIONS

- HVAC
- Water Supply & Sewage
- Food & Beverage
- Chemical/Petrochemical Processing
- Power and Utilities
- Paper and Pulp
- Ship Building
- Municipal water supply networks
- Building service systems
- Irrigation
- Industrial water distribution
- Above-ground installations
- Underground chambers



MATERIALS

body	Ductile Iron	bonnet	Ductile Iron
seat	Copper Alloy	platen	Carbon Steel
seal	Elastomer	disc	Ductile Iron
diaphragm	Elastomer	stem	Stainless Steel
spring	Stainless Steel	eye bolt	Carbon Steel
bolts	Stainless Steel	needle valve	Copper Alloy / Stainless Steel
ball valve	Copper Alloy / Stainless Steel	float valve	Stainless Steel

FEATURES

- Diaphragm-controlled pressure regulation mechanism
- Automatic adjustment to upstream pressure fluctuations for consistent outlet pressure
- Ductile iron body and bonnet construction
- EPDM sealing components and diaphragm
- Stainless steel stem and internal fasteners
- Brass seat for sealing performance
- Protects pipelines and equipment from pressure surges
- Nominal pressure PN16 (200 PSI)
- Shell test pressure 2.4 MPa
- Seal test pressure 1.76 MPa

OPTIONS & NOTES

- Dimensions table referenced in HTML but no data populated ('Dimensions:(mm)' heading present with no table content)