Please complete and return to: sales@armourvalve.com

Product information and ordering

→ Checklist for enquiries
Pressure reducing valves

a.) Which **function** should be achieved with the valve?

- ☐ Reduction of a higher or varying inlet pressure to a lower outlet pressure (= resting pressure at zero-usage)
- ☐ Reduction of higher or varying inlet pressure to a lower flow pressure (= prevailing flow pressure at usage)

b.) **Type of application**:

- ☐ Building technology (potable water supply)
- ☐ Compressed air supply
- ☐ Pump stations and Pressure booster plants
- ☐ Fire fighting- and sprinkler systems
- ☐ Shipbuilding
  - ○ Water supply ○ General air supply ○ Starter- or control air
- ☐ Others: _____

c.) Which **medium** is involved?

- ☐ compressible (air, gas, steam) ○ neutral ○ non-neutral (flammable, toxic, ...)
- ☐ non-compressible (liquids) ○ neutral ○ non-neutral (flammable, toxic, ...)

Description/ type of medium (e.g. seawater, heating oil, fuel, nitrogen...): _____

d.) What is the **temperature** of the medium? min. _____ °C to max. _____ °C

e.) Which **materials** are required?

1.) **Body:** ☐ Gunmetal / Brass ☐ Stainless steel

2.) **Seal:** ☐ EPDM ☐ FKM

f.) **Pressures**:

- ☐ Inlet pressure: _____ bar (gauge)
- ☐ Outlet pressure: Pressure range _____ bar to _____ bar (gauge)

g.) The **outlet pressure** required as:

- ☐ Resting pressure (no flow; draw-off point closed)
- ☐ Flow pressure (flow; draw-off point open)

h.) **Fixed setting** and **sealing** of the outlet pressure is required: _____ bar (gauge) at zero-usage

i.) Required **flow volume**:

- ☐ Water _____ m³/h
- ☐ Air _____ Standard m³/h

j.) **Max. permissible pressure drop of the outlet pressure** at the required flow volume (pressure difference between resting pressure and flow pressure):

Delta-p _____ bar (gauge) at zero-usage

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k.) Required **kv value**: _____

l.) Which **connection size** is required? (the required blow-off capacity defines the connection size necessary)

Thread: ☐ DN 8 (¼") ☐ DN 10 (⅜") ☐ DN 15 (½") ☐ DN 20 (¾") ☐ DN 25 (1") ☐ DN 32 (1¼") ☐ DN 40 (1½") ☐ DN 50 (2")

Flange: ☐ DN 15 ☐ DN 20 ☐ DN 25 ☐ DN 32 ☐ DN 40 ☐ DN 50 ☐ DN 65 ☐ DN 80 ☐ DN 100

m.) What **connection type** is required?

☐ Female thread BSPP
☐ Flange DIN
☐ Union joints with male BSPT threaded connection
☐ Special connection
Description: _____

n.) Required **approvals**:

☐ None
☐ Others
☐ DVGW
☐ Which? _____
see catalogue 2.5 "Quickfinder based on certificate required"

o.) Special **approval certificates** according to DIN EN 10204:

For the valve setting:
☐ Factory Test Report 2.2 ☐ Factory Inspection Certificate 3.1

For the material of the pressure-bearing body parts:
☐ Inspection certificate 3.1

For the valve being oil- and grease free according to DIN EN 12300 or factory specification:
☐ Inspection certificate 3.1

p.) Other **documentation** required: _____

_____

_____

q.) Important information concerning installation situation and plant:

1.) Specific features of the installation situation: Description or photo

2.) What **plant-specific characteristics** have to be considered?

☐ Plant-specific standards and regulations
☐ Hygienic standards (food- and pharmaceutical applications)
☐ Explosion protection (Ex, ATEX)
☐ Environmental conditions (cold, heat, radiant heat,...)
☐ Vibrations, pressure surges, etc.
☐ Heating up of the medium within a confined space on the outlet side

r.) **Sender**:

Name: _____ Company: _____

E-Mail: _____

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