



Hydraulic Technology



Quality made in Germany





Electro-hydraulic control

Design: 3/2 - valve cartridges
Dimensions: \varnothing DN10, DN12, DN20
Functions: 2-22
Materials: corrosion resistant materials
Op. pressure: 350 bar
Connector: Socket-DN,-(A, B-China)
Medium: Emulsion with min. 1,5-2% concentrate



Main control valve DN10, DN12, DN20

Design: 3/2 valve cartridge
Weight: f.e. DN10 : 252g
Materials: corrosion resistant materials
Dimensions: DN10 \varnothing 30 x 86mm
Op. pressure: 350bar
Flow: DN10 400l/min, DN12 600l/min, DN19 900l/min
Medium: Emulsion with min. 1,5-2% concentrate



4/3-way-solenoid valve DN2

Weight: 2350g
Materials: corrosion resistant materials
Dimensions: 40 x 114 x 144mm
Op. pressure: 400 bar
Flow: 1,5l/min
Medium: Emulsion with min. 1,5-2% concentrate
Current consumption: $I_i=120/50\text{mA}$ (for one magnetic spool)



Double - solenoid

Protection: EEx ia I
Current consumption: $I_i=120/50\text{mA}$ (for one magnetic spool)
Voltage: $U_n=12\text{V DC}$, $U_{\text{max}} = 15\text{V}$
Resistance: 75 Ohm
Temperature: $T_u=20^\circ\text{C}$ up to $+60^\circ\text{C}$
Emergency: manual override
Connector: Hirschmann Connector



Pilot-3/2-way-valve DN2

Design: valve cartridge
Weight: 25g
Materials: corrosion resistant materials
Dimensions: \varnothing 19 x 52mm
Op. pressure: 400 bar
Flow: 1,5l/min
Medium: Emulsion with min. 1,5-2% concentrate



Pilot check valve DN4

Design: screwing in
Build in: customers demand
Weight: 12g
Materials: corrosion resistant materials
Dimensions: \varnothing 14 x 40mm
Op. pressure: 500 bar
Medium: Emulsion with min. 1,5-2% concentrate



Pilot filter

Design: insert integrated filter
Build in: customers demand
Weight: 12g
Materials: corrosion resistant materials
Dimensions: \varnothing 14 x 40mm
Op. pressure: 350 bar
Medium: Emulsion with min. 1,5-2% concentrate

Pilot operated check valve DN10

Design: spring loaded cone seat valve
Connector: DN10 male/female
Weight: 990g
Dimensions: 60 x 110mm
Working pressure: max. 500bar
Medium: Emulsion with min. 1,5-2% concentrate



Pilot operated check valve

Design: hydraulically enabled nonreturn valves DN19(20)
Connector: flangeable \varnothing 18, female DN12 / DN19
Build in: customers demand or plate
Weight: 4270g
Materials: corrosion resistant materials
Dimensions: 48 x 104 x 150mm
Op. pressure: 500bar



Check valve cartridge DN19

Design: 2/2-way cone seat valve
Weight: 820g
Connector: DN25
Materials: corrosion resistant materials
Op. pressure: 500bar
Medium: Emulsion with min. 1,5-2% concentrate
Flow: NW19- 600L/min



In-line filter

Design: sieving filter
Connector: DN10, DN12, DN20, DN25
Filters: 25 μ , 40 μ , 80 μ
Materials: corrosion resistant materials
Op. pressure: 320bar
Medium: Emulsion with min. 1,5-2% concentrate



Double filter DN25 backflush

Design: Double backflush filter
Weight: 10,6 kg
Connector: DN25
Filters: 25 μ , 40 μ , 80 μ
Materials: corrosion resistant materials
Op. pressure: 400bar
Medium: Emulsion with min. 1,5-2% concentrate



Yield valves

Design: direct operating piston-o-ring valve
Connector: male DN10-DN19
Materials: corrosion resistant materials
Op. pressure: 120-660 bar
Medium: Emulsion with min. 1,5-2% concentrate



In-line check valve

Design: ball seat valve
Connector: DN10-DN50; male/female
Build in: customers demand
Materials: corrosion resistant materials
Op. pressure: up to 530 bar
Medium: Emulsion with min. 1,5-2% concentrate



Ball cock

Design: ball cock
Connection: DN10-DN32
Materials: corrosion resistant materials
Op. pressure: up to 500 bar
Medium: Emulsion with min. 1,5-2% concentrate



Check valve DN10 delockable

Design: way cone seat valve
Weight: 2700g
Materials: corrosion resistant materials
Dimensions: 88 x 134 x 30
Working Pressure: 350 bar
Flow: 140L/min
Medium: Emulsion with min. 1,5-2% concentrate



Double check valve, pilot operated

Design: way cone seat valve
Weight: 2900g
Materials: corrosion resistant materials
Dimensions: 88 x 145 x 30
Working Pressure: 350 bar
Flow: 140L/min
Medium: Emulsion with min. 1,5-2% concentrate



Check valve cartridge DN10

Design: way cone seat valve
Weight: 280g
Materials: corrosion resistant materials
Dimensions: \varnothing 37 x 69
Op. pressure: 350 bar
Flow: 160L/min
Medium: Emulsion with min. 1,5-2% concentrate



Yield valve 500l/DN19

Design: direct operating piston-o-ring valve
Weight: 1900g
Materials: corrosion resistant materials
Dimensions: \varnothing 50 x 197
Op. pressure: 350 - 450 bar
Flow: 500l/min
Medium: Emulsion with min. 1,5-2% concentrate



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