

DOMINO: FLOW METERS FOR SPECIAL LIQUIDS



ARD rotary piston flowmeters

- For chemical liquids with viscosities up to about 10.000 mPa-s, for 15...30.000 l/h
- Nominal diameter DN 15, 20, 25, 40 and 50 mm
 - Operating pressures PN 10, 16, 25 or 40
 - Fluid temperatures up to 180 °C
 - Modular meter concept in various materials
 - Measuring error limits $\pm 0,5$ % of effective value
 - For high viscosity range up to about 10.000 mPa-s
 - Swiveling roller register for optimal readability
 - Special-purpose calibrations for differential measurement (optional)



AMD rotary piston flowmeters

- For chemical liquids with low viscosities up to about 4 mPa-s, for 140...12.000 l/h
- Nominal diameter DN 25 and 40 with flanged connections
 - Operating pressure PN 25
 - Fluid temperatures up to 90 °C, special versions up to 180 °C
 - Measuring error limits 2 % of effective value (± 5 % at lower end of measuring range)



PMD vane wheel flowmeters

- Primarily for water, also for non-aggressive low-viscosity fluids up to about 4 mPa-s, for 100...20.000 l/h
- Nominal diameter DN 20, 25 and 40 with threaded connections
 - Operating pressure PN 16
 - Fluid temperatures up to 90 °C
 - Measuring error limits ± 2 % of effective value (± 5 % at lower end of measuring range)

Selection of commonly measured liquids for DOMINO:

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|----------------------|-------------------------|----------------------------|--------------------------------|
| - Acetic acid | - Ethyl ethylene | - Liquid butane | - Brine |
| - Acetone | - Ethylene | - Magnesium sulphate | - Sodium hydroxide |
| - Animal fats | - Diethyl ethylene | - Methanol | - Caustic soda solution |
| - Ammonium hydroxide | - Ethylene glycol | - Methyl alcohol | - Sodium hypochlorite solution |
| - Ammonia solution | - Formaldehyde solution | - Methylene chloride | - Javelle water |
| - Bromium hydroxide | - Formic acid | - Dichloromethylene | - Sulphocarbonic acid |
| - Bromic acid | - Glycerine | - Methyl ethyl ketone | - Sulphuric acid |
| - Butyl acetate | - Hexane | - Molasses (without urea) | - Tar |
| - Acetic butyl ester | - Hydrochloric acid | - Nitric acid | - Pitch |
| - Chloroform | - Hydrofluoric acid | - Paraffin | - Tetrachloromethane |
| - Trichloromethane | - Hydrogen peroxide | - Perchloroethylene | - Carbon tetrachloride |
| - Citric acid | - Hydrogen superoxide | - Tetrachloroethylene | - Toluene |
| - Diethylene glycol | - Isopropyl ether | - Phosphoric acid | - Trichloroethylene (dry) |
| - Distilled water | - Di-isopropyl ether | - Potassium hydroxide | - Vegetable oils |
| - Ethyl acetate | - Isopropyl alcohol | - Caustic potash | |
| - Acetic ether | - Propyl alcohol | - Propionic acid | |
| - Acetic ester | - Kerosine | - Prussic acid | |
| - Ethyl alcohol | - Petroleum | - Pure benzol | |
| - Alcohol | - Liquid ammonia | - Sodium chloride solution | |
| - Ethanol | - Liquid bromium | | |

BRAUN HZ FUEL



HZ3

- Flow rate range 0,18 ... 12 l/h
 Maximum flow rate 30 l/h (25 kg/h)
 Display range 0,01 l ... 99999,99 l
 Measuring accuracy ± 1 %
 Nominal pressure 6 bar
 Pressure loss 0,05 bar ... 0,1 bar
 Heating oil type EL according to DIN 51603
 Temperature range/ ambient temperature -5°C ... $+70^{\circ}$



HZ5

- Flow rate range 0,7 ... 40 l/h (0,6 ... 34 kg/h)
 7 kW ... 400 kW
 Reading option on the oil meter 0,01 l ... 99999,98 l
 Measuring accuracy ± 1 %
 Nominal pressure 25 bar
 Pressure loss 0,05 bar ... 0,2 bar
 Type of heating oil EL nach DIN 51603
 Temperature range / ambient temperature -5°C ... $+70^{\circ}\text{C}$



HZ6

- Flow rate range 1 ... 60 l/h (0,8 ... 50,4 kg/h)
 Burner capacity 10 kW ... 600 kW
 Reading option on the oil meter 0,01 l ... 99999,98 l
 Measuring accuracy ± 1 %
 Rated pressure 25 bar
 Pressure drop 0,05 bar ... 0,2 bar
 Types of heating oil EL nach DIN 51603
 Temperature range / ambient temperature -5°C ... $+70^{\circ}\text{C}$