

BPX 37 QUICK-RELEASE COUPLINGS

TEMPERATURE CONTROL

- DOUBLE SHUT-OFF
 - Nominal bore: 37 mm
 - Low pressure / high flow
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- High flow with minimum pressure drop
 - Compact construction
 - Corrosion proof
 - Quick robust and safe screw locking
 - Leak-tight coupling during connection

APPLICATIONS

Connection and disconnection of high flow supply lines for:

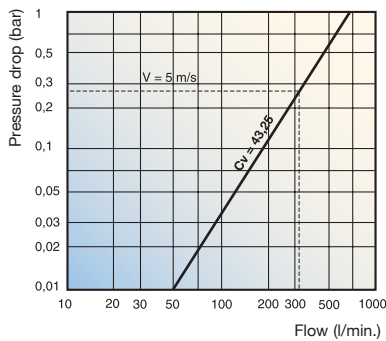
- Hot or cold water and temperature control
- Water + glycol
- Heat transfer oils
- Low pressure hydraulic circuits

TECHNICAL DATA

- Flow path (mm) 37
- Cross section (mm²) 1075
- Max. working pressure (bar) 10
- Shut off double



Hydraulic pressure drop / flow chart

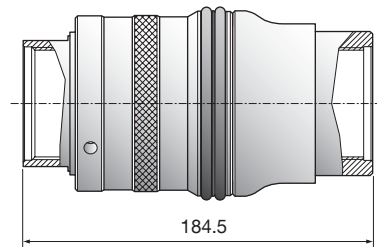


Test conditions:
 • Aviation oil INVAROL FJ13 (H515) at 40 °C
 • Density at 40 °C: 833 kg/m³
 • Viscosity at 40 °C: 13,4 cSt
 • Direction of flow: Socket → Plug

CONSTRUCTION

- Main parts:
nickel plated brass
- Locking sleeve:
stainless steel with anti-corrosion treatment
- Seal options:
 - Nitrile seals (NBR) as standard
 - Fluorocarbon seals (FPM): JV code
 - Ethylene Propylene (EPDM): JE code

Length socket / plug connected



PART-NUMBERS

BPX 37	F	Dimensions (mm)			PART-NUMBERS
		Ø D	L	H/flats	
Socket female thread 	G 2	Ø 98	138	77 hexagon	BPX 37.1108
Plug female thread 	G 2	Ø 103	111	67 2 flats	BPX 37.7108

- Fluorocarbon seal (FPM): add the code **/JV** to the above part-numbers
- Ethylene Propylene seals (EPDM): add the code **/JE** to the above part-numbers



- Sales coordination
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