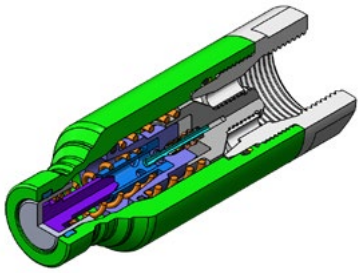
# FLAT FACE - BAT SERIES

## MALE



## TECHNICAL FEATURES AND OPTIONS

**Locking Mechanism**
Locking Ball System
+Safety Lock

**Flow Rate**
Up to 189 l / min

**Material**
Carbon Steel
Stainless Steel
Brass

**Working Temperature**
-20 °C / +100 °C

**Interchange**
16028

**How to Connect**
Push

**Operating Pressure**
Up to 315 Bar

**Available Threads**
BSP - NPT - Metric - SAE

**Under Residual Pressure**
Connetion: Allowed
Disconnection: Not Allowed

**Body Sizes**
ISO 6,3-19

**Sealing Description**
NBR - FKM

**Valve Type**
Flat Face

## MAIN APPLICATIONS

OIL & GAS | AGRICULTURE | HYDRAULIC INDUSTRY | EARTH MOVING | HYDRAULIC EQUIPMENT | CONCRETE VEHICLES | VEHICLES | CHEMICAL INDUSTRY

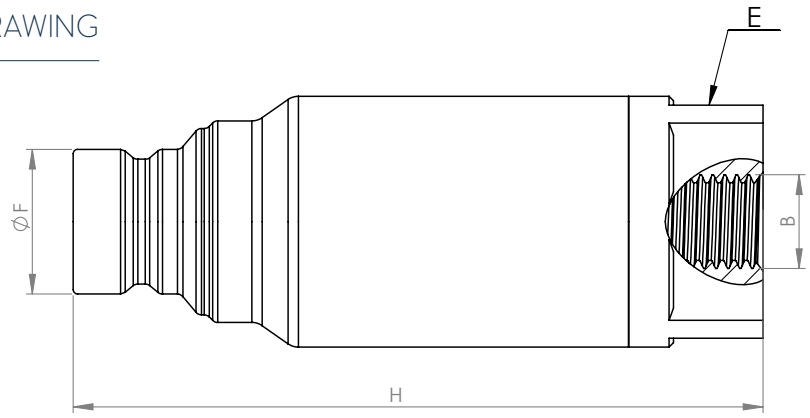
**INFORMATION**

- Easy connection with male side under residual pressure (female side to drain) thanks to the internal valve.
- Flat face is easy to clean, reducing the inclusion of contamination inside the hydraulic circuit.
- Minimal fluid spillage during disconnection, reducing fluid spillage to the environment.
- Minimal air inclusion during connection.
- Internal valve design creates minimal pressure drop, maintaining circuit efficiency in the system.
- The modular design allows flexibility with a wide range of configurations.
- Good resistance to pressure impulses.
- Compact slim design.
- Safe and simple to use.

**WARNING**

- Connection and disconnection under dynamic pressure is not allowed.
- Connection and disconnection is not allowed when the temperature of the circulating fluid is above 80°C / 176°F.
- Make sure the system pressure is below the maximum working pressure.
- Please ensure that the OLEOCON product you have chosen is compatible with the temperature , material and pressure requirements of your system.
- Please contact OLEOCON technical support for any further questions.

## TECHNICAL DRAWING




| BODY SIZE | DESCRIPTION | COUPLING GENDER | Hex | | | THREAD SIZE(B) | DIAMETER | | | LENGTH | | | WEIGHT | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | mm | inch | | | mm | inch | | mm | inch | kg | lbs |
| 06 | BAT-6B-G14 | MALE | E | 26 | 1,02 | 1/4 | F | 16,15 | 0,64 | H | 77 | 3,03 | 0,25 | 0,55 |
| 10 | BAT-10B-G38 | MALE | E | 30 | 1,18 | 3/8 | F | 19,7 | 0,77 | H | 89,6 | 3,53 | 0,35 | 0,77 |
| | BAT-10B-G12 | MALE | E | 30 | 1,18 | 1/2 | F | 19,7 | 0,77 | H | 90,6 | 3,57 | 0,37 | 0,82 |
| 12,5 | BAT-12B-G12 | MALE | E | 36 | 1,41 | 1/2 | F | 24,5 | 0,96 | H | 101 | 3,98 | 0,56 | 1,23 |
| | BAT-12B-G34 | MALE | E | 36 | 1,41 | 3/4 | F | 24,5 | 0,96 | H | 103 | 4,05 | 0,58 | 1,28 |
| 19 | BAT-19B-G34 | MALE | E | 41 | 1,61 | 3/4 | F | 29,9 | 1,17 | H | 111,5 | 4,39 | 0,79 | 1,74 |
| | BAT-19B-G1 | MALE | E | 41 | 1,61 | 1 | F | 29,9 | 1,17 | H | 112,5 | 4,39 | 0,85 | 1,87 |

| BODY SIZE | WORKING PRESSURE | | BURST PRESSURE | |
|---|---|---|---|---|
| | MALE | | MALE | |
| | MPa | PSI | MPa | PSI |
| 6 | 31,5 | 4568 | 126 | 18270 |
| 10 | 25 | 3625 | 100 | 14500 |
| 12,5 | 25 | 3625 | 100 | 14500 |
| 19 | 25 | 3625 | 100 | 14500 |

| BODY SIZE | RATED FLOW | | | FLUID LOSS PER DISCONNECT |
|---|---|---|---|---|
| | PRES.DROP ( kPa) | L/MIN | GPM | ml |
| 6 | 100 | 12 | 2,64 | 0,02 |
| 10 | 100 | 23 | 5,06 | 0,035 |
| 12,5 | 100 | 45 | 9,91 | 0,07 |
| 19 | 100 | 100 | 22,02 | 0,15 |