# CSM Hose 100

*CSM hose*

## Features and benefits

- Tight tolerances for low stress on bearings
- Perfect compression for long life
- Excellent suction capability up to 6 mWC (236 inWC)
- High pressure capability – up to 232 psi
- Repeatable volumetric accuracy to ± 1 %
- Consistent capacity independent of varying suction and discharge conditions
- Exceptional performance when handling high viscosity product
- Max. fluid temperature: 176 °F, Min. fluid temperature: 14 °F


## Technical specifications

| | CSM Hose 100 |
|---|---|
| Max. operating pressure | 16 bar |
| Max. operating pressure | 232 psi |
| Max. suction capability | 6 mWC |
| Max. suction capability | 236 inWC |
| Suction capability (80% Flow rate) | 4 mWC |
| Suction capability (80% Flow rate) | 157 inWC |
| Operating temperature range | -20 to 45 °C |
| Operating temperature range | -4 to 113 °F |
| Fluid temperature range | -10 to 80 °C |
| Fluid temperature range | 14 to 176 °F |
| Bore size | 100 mm |
| Bore size | 3.94 in |
| Wall thickness | 22 mm |
| Wall thickness | 0.866 in |
| Length | 3280 mm |
| Length | 129.1 in |
| Weight | 30 kg |
| Weight | 66.14 lbs |

Your local Bredel sales office/distributor can advise the right hose for your application. For best pump performance use Bredel Genuine Hose Lubricant (NSF Non food Compound Program Listed, category H1)

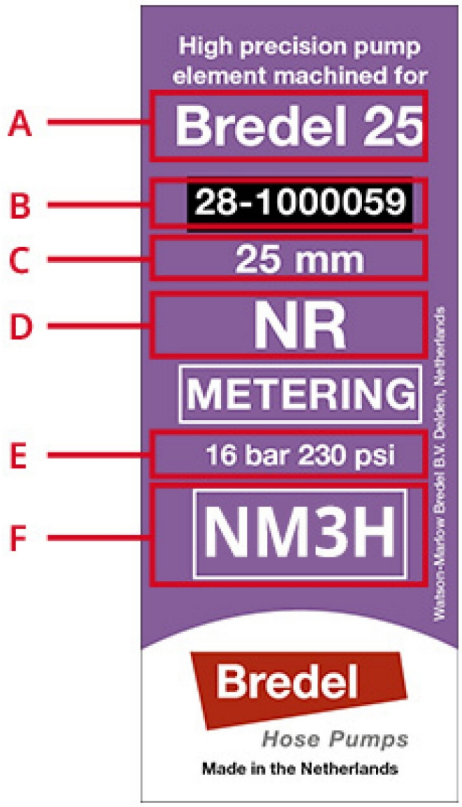
## Materials of construction

| | CSM Hose 100 |
|---|---|
| Material | CSM |
| Inner layer | CSM |
| Outer layer | NR |

## Hose composition


1. Rough hose surface prior to machining.
2. Precision machined NR outer layer.
3. Two or four nylon cord reinforcement layers.
4. Inner layer available in NR, EPDM, NBR, F-NBR or CSM.

## Product codes




| | Label codes |
|---|---|
| A | Pump type |
| B | Re-order number |
| C | Bore size |
| D | Material of the inner layer |
| E | Maximum permitted pressure |
| F | Factory code [material; year; month] |

On one end of each hose the factory code [material; year; month] and the batch number are engraved.
Year: last digit (7 = 2017)
Month: A = Jan, E = May
Material: E = F-NBR, M = CSM, NM or NT = NR, P = NBR, S = EPDM

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