



ref. 99042639

G-FORCE 1.5 BSPF AUTO 6BAR PULSING 250 500LPM

STRAALPIJPEN TFT LAGE DRUK

Designed in consultation with the Belgian Fire Brigade

Maximum working pressure: 16 bar

Possible positions flow rate 250 / 500 (at 6 bar) + LOW + flush position

Type: Automatic pressure / variable flow rate

Type of valve: Slide valve

Handles available in 11 colours (standard black)

DESCRIPTION

Designed in consultation with the Belgian Fire Brigade for efficient and safe indoor fire fighting.

Automatic pressure control at 5.5 bar up to 250 l/min for penceling and pulsing; switchable to 500 l/min for pressure control at 6 bar for protection action in case of imminent flash-over or backdraft and control of the maximum flow rate by control of the gate valve while maintaining an optimal jet pattern a full cone mist and a maximum throw. Meets the KCCE indoor firefighting guidelines.

The cylindrical stainless steel gate valve on cone (not a ball valve) prevents pressure loss and achieves a faster response during operation, a stabilised jet pattern and an optimum throw. The valve can be operated with a minimum of force thanks to the built-in hydraulic actuation.

The pivoting nozzle of the MULTIFORCE allows infinitely variable control of the spray pattern, from full jet to water screen, in a quarter turn with three recognizable positions: Full jet, attack jet and Flashover spray jet.

The position of the nozzle and the flow ring are clearly recognisable visually and tactile. The nozzle has fixed precision-milled diamond-shaped metal teeth for perfect atomisation, fine droplet formation and specifically to prevent the flame suction effect in the jet cone not with a rotating toothed ring. The nozzle is protected by a vulcanised rubber bumper with spring-loaded shock absorber.

The MULTIFORCE nozzle is equipped with a flow marking ring which allows to choose without hesitation or risk of error:

- Pulsing/ penceling: with a maximum flow rate of 250L at 5.5bar with the cone and droplet in this position being perfect for interior fire-fighting
- Flash-over protection: this position makes it possible to use the nozzle at its maximum flow rate of 500L/min at 6 bar and a minimum of 150L at 4 bar.
- Safety position: this position makes it possible to use the nozzle at pressures less than 3 bar (maximum 500L/min). The automatic pressure control is deactivated.
- Flush position (flush) protected against improper use.

Vanassche Firefighting Engineering

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TECHNICAL SPECIFICATIONS

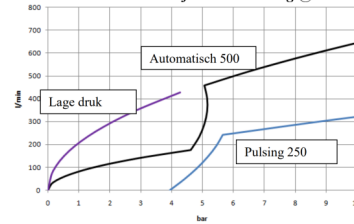
- Range : Low pressure nozzle of the American type
- Type: Automatic pressure / variable flow rate
- Flow rate: 0 - 500 l/min
- Flow selection via flow ring
- Possible settings flow rate: 250 / 500 (at 6 bar) + LOW + flush position
- Pressure Pr: 6 bar
- Pressure Pn: 16 bar
- Pressure Pm: 5 bar
- Pressure regulation: Yes
- Coupling: 1.5" BSP F
- Including coupling: DSP 45
- Swivel joint (360°): Yes
- Filter (suction strainer): Yes
- Type of valve: gate valve
- Valve material: stainless steel
- Handle: Horseshoe handle
- Tooth wreath: Fixed - precision ground metal fog teeth
- Protective bumper: Yes, with sprung shock absorber
- Jet pattern: Infinitely adjustable jet pattern from full jet to water screen 130°
- Position sensor (spring loaded) on flow setting and beam pattern
- Gun grip: Yes
- Nozzle material: hard-anodised aluminium
- Standardisation: EN15182-2 Type 4.2
- Weight: 2.2 kg

ACCESSORIES AND OPTIONS

- Handles available in 11 colours
- Foam attachment



Curves Debiet/Druk - Multiforce 500 Pulsing @ 6 bar :



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