

HYDRANT NOZZLE PWH-33



Hydrant water heater produced by "SUPRON 3" type PWh-33 is used for opening, closing and continuous adjustment of the efficiency and type of water stream (dispersed and compact) in fire-fighting equipment.

Execution:

- made in accordance with PN-EN-671-1
- a nozzle with a plastic valve head
- regulation of the stream type and efficiency takes place by turning the gripping part of the nozzle made of ABS plastic in red RAL 3000

Nozzles allow you to adjust the settings in the following positions:

- closed
- dispersed water stream
- compact water stream

HYDRAULIC PROPERTIES FOR VERSION WITH VALVE 52 MM

Working pressure: from 0,2 MPa to 0,7 MPa

Diffused conical water stream – not less than 45 degrees.

Flow rate /efficiency/	Pressure	Dispersed stream	Compact stream
Equivalent diameter 12 mm	0,2 MPa	107 l/min	90 l/min
	0,4 MPa	151 l/min	128 l/min
	0,6 MPa	184 l/min	157 l/min
Factor K		75	64
Effective coverage range of the water stream /+ the length of the hose 20 or 30 m/			
Equivalent diameter 12 mm	0,2 MPa	4,1 m	10,4 m

HYDRAULIC PROPERTIES FOR VERSION WITH VALVE 32 MM

Working pressure: from 0,2 MPa to 0,7 MPa

Diffused conical water stream – not less than 45 degree

Flow rate /efficiency/	Pressure	Dispersed stream	Compact stream
Equivalent diameter 12 mm	0,2 MPa	108 l/min	91 l/min
	0,4 MPa	152 l/min	129 l/min
	0,6 MPa	185 l/min	158 l/min
Factor K		76	64
Effective coverage range of the water stream /+ the length of the hose 20 or 30 m/			
Equivalent diameter 12 mm	0,2 MPa	4,2 m	10,6 m

Attention! The dependence of the flow rate Q on the pressure P is given by the equation: $Q = \sqrt{10P}$, where Q is expressed in liters / minute and P in megapascals.