

## Valve B0482 – A25 and B0482 – A

### DN33



#### Approvals / CE marking



1) Listed system covered by UL-file EX15997 (SFFECO Prime FK, SFFECO Prime 227)

2) Part of the system approval

#### SAP designation

e.g. part no. 887964: Valve B0482-A25 DN33

#### Maintenance

see technical description valve B0481 DN49 / B0482 DN33 part no. 887866

#### Spare parts

- Bursting disk 63.5 bar for B0482-A25, part no. 915518
- Bursting disk 89 bar for B0482-A, part no. 888026

Designation		Part no.	Working pressure at 21 °C (69.8 °F)	Weight approx.
Valve	B0482-A25 DN33	88 7964	25 bar (360 psi)	4.4 kg (9.7 lbs)
	B0482-A DN33	88 7662	50 bar (725 psi)	

#### Technical data

Extinguish. agent .....FK-5-1-12, HFC-227ea  
Nominal diameter .....DN33 (1.1/2")  
(free cross-sectional area  
at minimum flow path: ..... 697 mm<sup>2</sup> (1.08 square inch))  
Operating temperature range:  
.....-20 °C to +50 °C (-4 °F to 122 °F)  
UL / ULC / FM .....-18 °C to +50 °C (0 °F to 122 °F)  
Working pressure at 50 °C (122 °F):  
- Ventil B0482-A25 DN33 .....max. 35 bar (508 psi)  
- Ventil B0482-A DN33 .....max. 60 bar (870 psi)  
To be used for steel cylinder .....from 22.0 l to 50.0 l  
.....(60 lbs to 140 lbs)  
Valve type .....type 2 acc. to EN 12094-4  
CE conformity ....acc. to Construction Products Regulation (EU)  
.....No. 305/2011

#### Material / Finish

Housing, Adapter, Screws .....brass  
Spindles, Seal retainer .....brass  
O-ring / Seal of seat .....NBR  
Bursting disk .....nickel  
Spring .....steel  
Damping .....PA 6.6

#### Marking

Approval .....π0029 - CE1134 - VdS  
Part no. ....887964 / B04820021,  
.....887662 / B04820023  
Manufacturing date .....WW/YY  
Manufacture's sign .....3 stars  
Working pressure .....25 bar / 50 bar at 21 °C  
Nominal diameter .....ø33

#### Included in delivery

Valve type B0482-A25/A DN33  
Technical description valve B0481 DN49 / B0482 DN33 part no. 887866

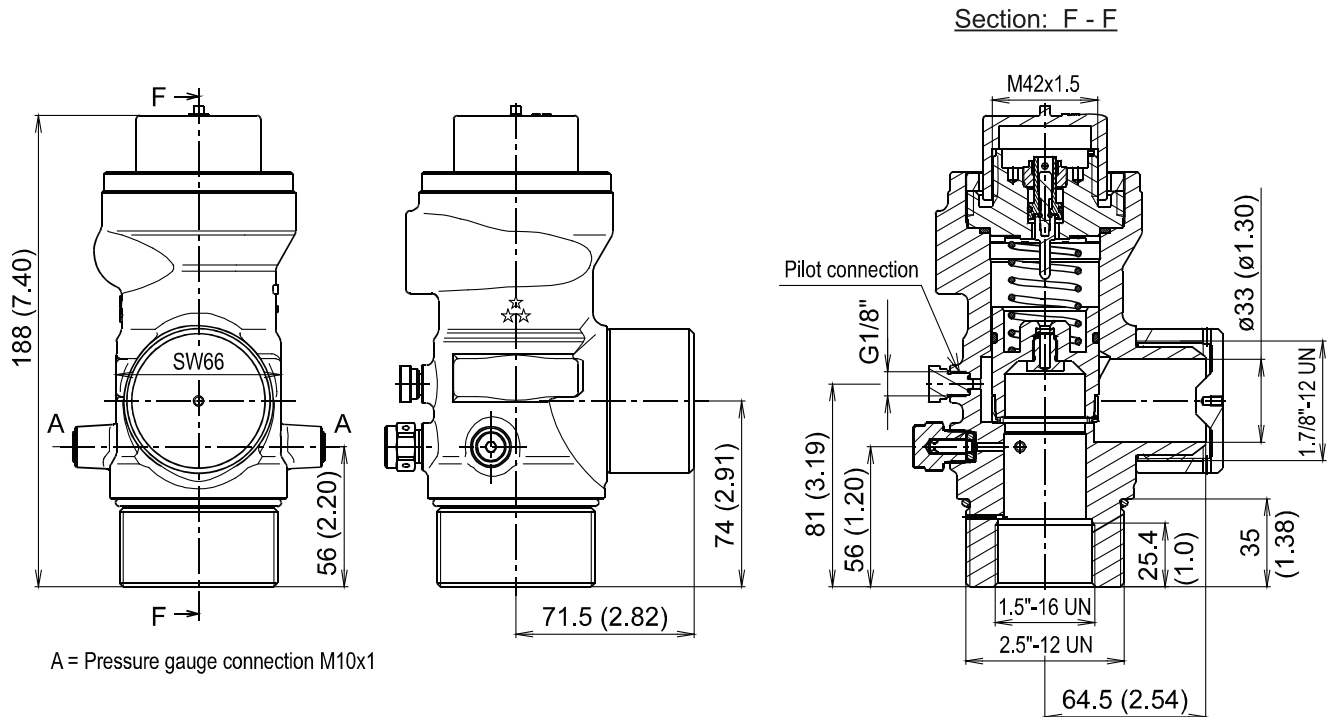
#### Not included in delivery

Adapter M12x1.5 - G1/8 .....887644, see ad-on part cylinder  
Contact pressure gauge .....see monitoring device  
Dip tube for valve DN33 .....887657  
(dip tubes are to be shortened as necessary in acc. to specified dimension given of the extinguishing agent cylinder)  
Release devices:  
- Electrical .....see ad-on part cylinder  
- Electrical with mech. blocking device .....see ad-on part cylinder  
- Pneumatic .....see ad-on part cylinder  
- Pneumatic/Manual .....see ad-on part cylinder  
- Manual .....see ad-on part cylinder  
- Tackle pneumatic/manual - marine .....see ad-on part cylinder

## Valve B0482 – A25 and B0482 – A

### DN33

#### Dimension drawing Dimensions in mm (inch)



## Valve B0481-A25 and B0481-A

### DN49

#### Approvals / CE marking



1134-CPR-1007

1) Listed system covered by UL-file EX15997 (SFFECO Prime FK, SFFECO Prime 227)

2) Part of the system approval



#### SAP designation

e.g. part no. 887966: Valve B0481-A25 DN49

#### Maintenance

see technical description valve B0481 DN49 / B0482 DN33  
part no. 887866

#### Spare parts

- Bursting disk 63 bar for B0481-A25, part no. 915517

- Bursting disk 88 bar for B0481-A, part no. 889295

Designation		Part no.	Working pressure at 21 °C (69.8 °F)	Weight approx.
Valve	B0481-A25 DN49	887966	25 bar (360 psi)	8.9 kg (19.6 lbs)
	B0481-A DN49	887664	50 bar (725 psi)	

#### Technical data

Extinguish. agent .....FK-5-1-12, HFC-227ea  
Nominal diameter .....DN49 (2")  
(free cross-sectional area  
at minimum flow path: .....1515 mm<sup>2</sup> (2.348 square inch))  
Operating temperature range:  
- VdS .....-20 °C to +50 °C (-4 °F to 122 °F)  
- UL / ULC / FM .....-18 °C to +50 °C (0 °F to 122 °F)  
- GL .....-20 °C to +56 °C (-4 °F to 132 °F)  
Working pressure at 50 °C (122 °F):  
- Valve B0481-A25 DN49 .....35 bar (508 psi)  
- Valve B0481-A DN49 .....60 bar (870 psi)  
To be used for steel cylinder .....from 80.0 l to 180.0 l  
.....(220 lbs to 500 lbs)  
Valve type .....type 2 acc. to EN 12094-4  
CE conformity ....acc. to Construction Products Regulation (EU)  
.....No. 305/2011

#### Material / Finish

Housing, Adapter, Screws .....brass  
Spindles, Seal retainer .....brass  
O-ring / Seal of seat .....NBR  
Bursting disk .....nickel  
Spring .....steel  
Damping .....PA 6.6

#### Marking

Approval .....π0029 - CE1134 - VdS  
Part no. (SFFECO / manufacturer) .....887966 / B04810020,  
.....887664 / B04810022  
Manufacturing date .....WW/YY  
Manufacture's sign .....3 stars  
Working pressure .....25 bar / 50 bar at 21 °C  
Nominal diameter .....ø49

#### Included in delivery

Valve type B0481-A25/A DN49  
Technical description valve B0481 DN49 / B0482 DN33  
part no. 887866

#### Not included in delivery

Adapter M12x1.5 - G1/8 .....887644, see ad-on part cylinder  
Contact pressure gauge .....see monitoring device  
Dip tube for valve DN49 .....887659  
(dip tubes are to be shortened as necessary in acc. to specified  
dimension given of the extinguishing agent cylinder)  
Release devices:  
- Electrical .....see ad-on part cylinder  
- Electrical with mech. blocking device .....see ad-on part cylinder  
- Pneumatic .....see ad-on part cylinder  
- Pneumatic/Manual .....see ad-on part cylinder  
- Manual .....see ad-on part cylinder  
- Tackle pneumatic/manual - marine .....see ad-on part cylinder

## Valve B0481-A25 and B0481-A

### DN49

#### Dimension drawing

Dimensions in mm (inch)

