

RFC POLY SKID MODULE SL75

Fire extinguishing system for universal use



Symbolic representation

Description

The RFC POLY SKID MODULE SL75 is part of a complete series, which is available in various variants and can be deployed in a variety of ways. The module can be placed on mobile equipment carriers, mounted on pull-outs and can be permanently installed in vehicles. This makes it ideal for both stationary fire protection and integration into fire engines.

Benefits

Energy-independent extinguishing system

- immediately ready for use upon opening the compressed air cylinder valve and activating the jet pipe
- extremely maintenance-friendly and reliable due to the absence of electrical systems and mechanical drives
- no noise or exhaust emissions during operation

First-class extinguishing performance

- excellent extinguishing effect through maximum cooling, effective displacement of oxygen, and thorough penetration of the burning object
- high degree of protection against burn-back due to interruption of the oxygen supply and continuous cooling
- preventive protection against flying sparks and heat for property endangered by fire

Excellent throw range

- large safety distance from the source of fire
- makes the fighting of fires in inaccessible places and at heights easier

Visible extinguishing success

- white compressed air foam with strong adherence properties is visible to the jet pipe operator
- the evaporation of compressed air foam acts as an indicator of surfaces that are still too hot

Rapid refilling

- easy filling of the extinguishing agent container by means of a garden hose and the separate foam agent cartridge with a filling funnel via external quick-release couplings
- uncomplicated measurement of foaming agent quantities using a separate measuring cup with an individualized scale that corresponds to the amount of water

Different foam qualities

- use of conventional 0.5% or 1% Class A and Class B foam compounds and also fluorine-free foam compounds
- wet and dry compressed air foam

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Technische Daten

Fill quantity	approx. 75 l (19,8 gal)
Dimensions ¹	W x D x H = on request
Weight ¹	<ul style="list-style-type: none">▪ filled = on request▪ unfilled = on request
Foam proportioning	generation of a premix solution with 0.5% or 1% foam concentrate when the compressed air bottle is activated
Foam quality ²	<ul style="list-style-type: none">▪ wet compressed air foam▪ dry compressed air foam
Flow rate	<ul style="list-style-type: none">▪ approx. 38 l/min (10,0 gal/min) at 9 bar (130,5 psi) (wet compressed air foam)▪ approx. 31 l/min (8,2 gal/min) at 9 bar (130,5 psi) (dry compressed air foam)
Working duration	<ul style="list-style-type: none">▪ approx. 119 s (wet compressed air foam)▪ approx. 146 s (dry compressed air foam)
Compressed air bottle	6 l / 300 bar (1,6 gal / 4351,1 psi)
Throw range / Throw height ³	approx. 16 m / 10 m (52,5 ft / 32,8 ft)
Hose	<ul style="list-style-type: none">▪ manual hose reel with hand crank with special textile hose DN 19 x 40 m (131,2 ft)▪ automatic hose reel with spring return with special textile hose DN 19 x 40 m (131,2 ft)
Nozzle	nozzle with fixed full jet
Foam compound ⁴	<ul style="list-style-type: none">▪ STHAMEX[®]-Performance 1% F-10 (foam concentrate)▪ Fomtec AFFF 1% F (foam concentrate)▪ MOUSSEAL[®]-CF F-30 (finished foam solution)
Operating temperature	<ul style="list-style-type: none">▪ + 5 °C bis + 50 °C (foam concentrate)▪ - 20 °C bis + 50 °C (finished foam solution)

¹ Complete and operative fire extinguisher

² Expansion ratio depends on foam compound used

³ Throw range and throw height are almost identical for wet and dry compressed air foam

⁴ Fire tests were performed with these foam compounds (use of other foam compounds is possible)

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