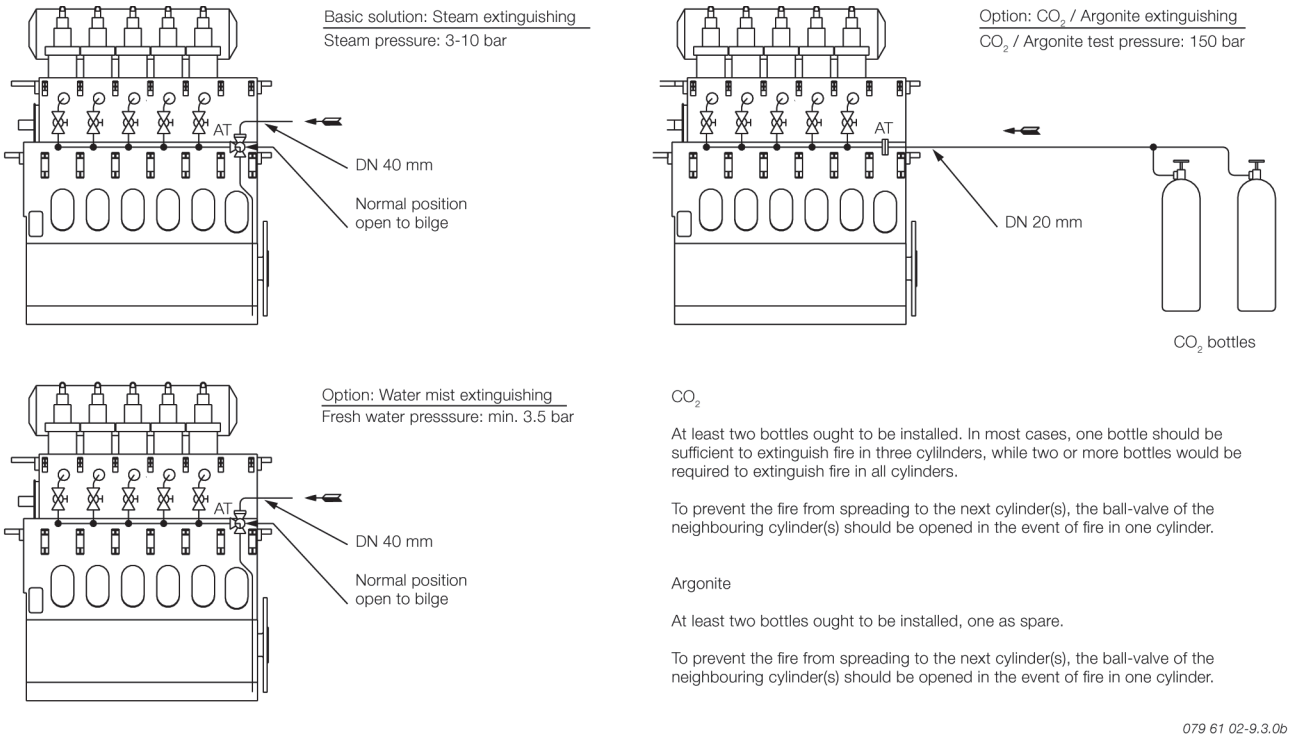
Fire Extinguishing System for Scavenge Air Space



The letters refer to list of 'Counterflanges'.

Fig. 14.07.01: Fire extinguishing system for scavenge air space

Fire in the scavenge air space can be extinguished by steam, this being the basic solution, or, optionally, by water mist or CO_2.

The external system, pipe and flange connections are shown in Fig. 14.07.01 and the piping fitted onto the engine in Fig. 14.07.02.

In the Extent of Delivery, the fire extinguishing system for scavenge air space is selected by the fire extinguishing agent:

- basic solution: 4 55 140 Steam
- option: 4 55 142 Water mist
- option: 4 55 143 CO_2
- option: 4 55 144 Argonite

The key specifications of the fire extinguishing agents are:

Steam fire extinguishing for scavenge air space

Steam pressure:	3-10 bar
Steam quantity, approx.:	3.2 kg/cyl.

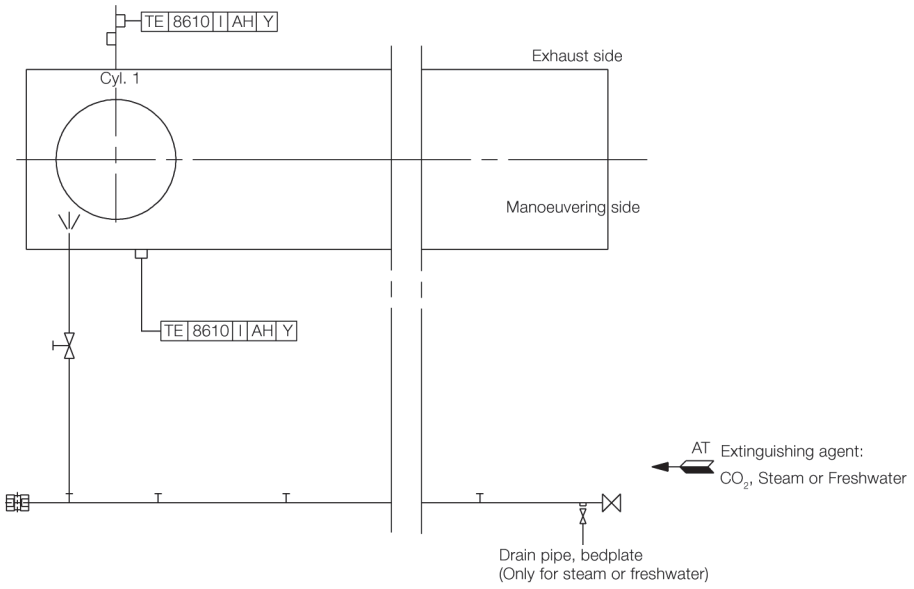
Water mist fire extinguishing for scavenge air space

Freshwater pressure:	min. 3.5 bar
Freshwater quantity, approx.:	2.6 kg/cyl.

CO_2/Argonite fire extinguishing for scavenge air space

CO_2/Argonite test pressure:	150 bar
CO_2 quantity, approx.:	6.5 kg/cyl.
Argonite quantity approx.:	2.0 kg/cyl.

Fire Extinguishing Pipes in Scavenge Air Space

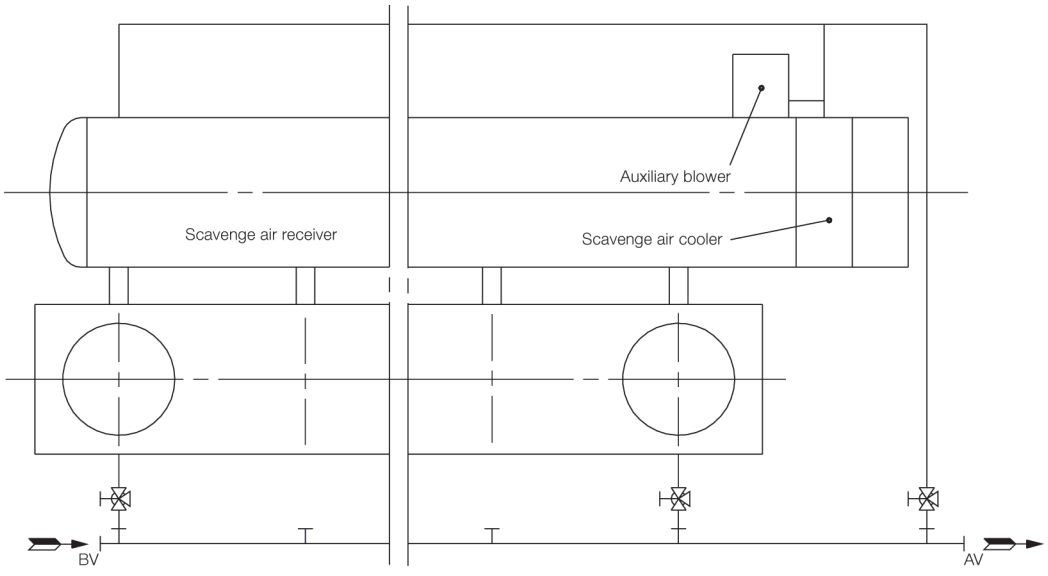


126 40 81-0.8.1a

The letters refer to list of 'Counterflanges'.

Fig. 14.07.02: Fire extinguishing pipes in scavenge air space

Scavenge Air Space, Drain Pipes



172 61 42-0.4.0

The letters refer to list of 'Counterflanges'.

Fig. 14.07.03: Fire extinguishing pipes in scavenge air space