

METAL BELLOWS ACCUMULATOR SPECIFICATION FORM FOR HEAVY DIESEL MACHINES

(Subject to technical modifications, **mandatory field**)

| | | | |
|-------------------|----------------------|---------------|--|
| Company: | <input type="text"/> | Location: | <input type="text"/> |
| Name, First name: | <input type="text"/> | Project name: | <input type="text"/> |
| E-mail: | <input type="text"/> | Requirement: | <input type="text"/> pieces/year |
| Telephone no.: | <input type="text"/> | as | <input type="checkbox"/> spare part <input type="checkbox"/> original equipment |

Accumulator data

Fluid connection

Flange

Thread

Gas port

M28x1.5 (standard)

Coating/finish

HYDAC Standard (RAL 7035)

Installation vertical (gas valve pointing upwards)

yes no

Materials ¹⁾

Accumulator shell

Carbon steel

Further information

Country of installation

Design/Certification

OR

Ship's name (IMO)

Ship classification

Remarks:

Engine data

Manufacturer

Type / Model

Design

Inline V-type engine

2-stroke 4-stroke

Fuel

MGO MDO HFO

max. flow of the supply line

l/min

Ø of supply line

mm

max. flow of the tank line

l/min

Ø of tank line

mm

¹⁾ Dependent on operating temperature and/or fluid resistance

Operating conditions of the supply line*

Min. operating temperature (e.g. engine start) (T_{min})

°C

Max. operating pressure (at T_{min})

bar

Max. permanent operating temperature ($T_{max perm.}$)

°C

Min. permanent operating pressure (at $T_{max perm.}$)

bar

Operating conditions of the tank line*

Min. operating temperature (e.g. engine start) (T_{min})

°C

Max. operating pressure (at T_{min})

bar

Max. permanent operating temperature ($T_{max perm.}$)

°C

Min. permanent operating pressure (at $T_{max perm.}$)

bar

* Notice regarding the operating conditions of the supply-/tank line:

The most critical operating condition is a maximum (also **short-term**) fuel pressure at a minimum fuel temperature which can occur p.ex. during engine start.

Another critical operating status is a minimum (**permanent**) operating pressure at maximum (**permanent**) operating temperature.

HYDAC Technology GmbH

Industriegebiet

66280 Sulzbach/Saar, Germany

Tel.: +49 (0) 68 97 / 509 - 01

Fax: +49 (0) 68 97 / 509 - 464

Internet: www.hydac.com

e-mail: speichertechnik@hydac.com