

VESSLS MAS-type ARE DESIGNED FOR VENTING AND BLOW-OFF OF MEASURING CIRCUITS AS WELL AS SEPARATING OF HIGH-PARAMETER MEDIA FROM MEASURING INSTRUMENTATION. THE VESSELS MAS-type MIGHT BE USED FOR UP-KEEPING CONSTANT INTERMEDIATE LIQUID LEVEL (CONDENSATE) BETWEEN VESSEL AND DIFFERENT PRESSURE TRANSMITTER AT THE MEASURING THE INTENSITY OF OVERHEATED STEAM FLOW.

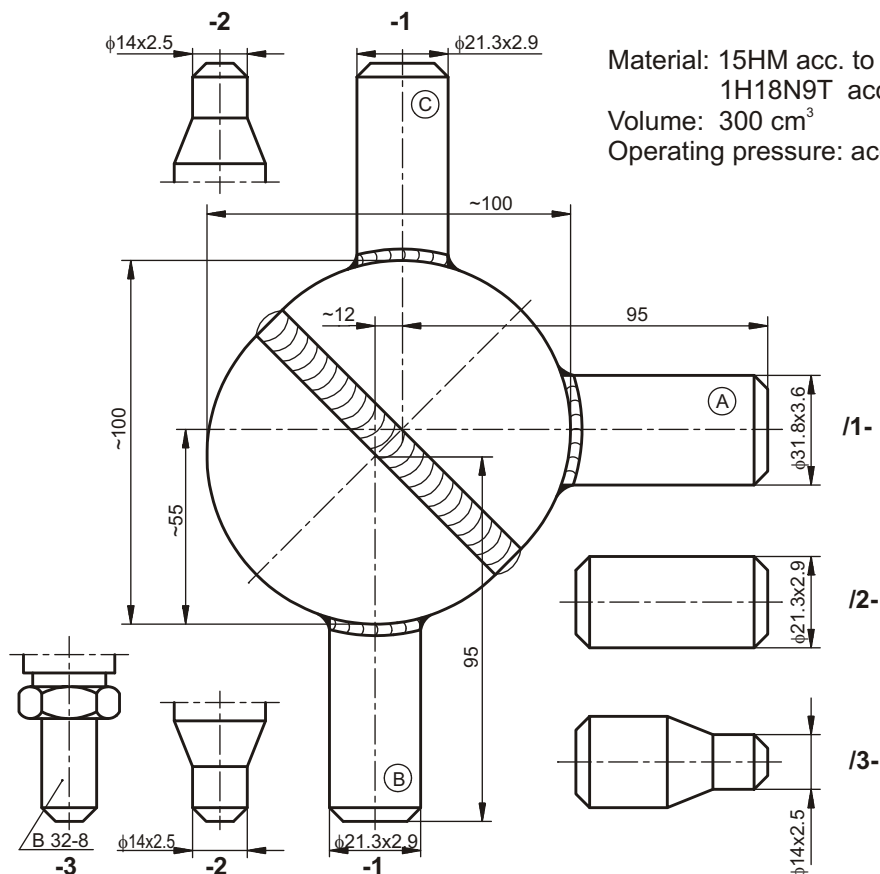


- maximum pressure 10 and 42MPa
- maximum temperature 250°C; 520°C; 560°C
- different construction versions
- certificate for material and make - each product is tested RTG

TECHNICAL DATA

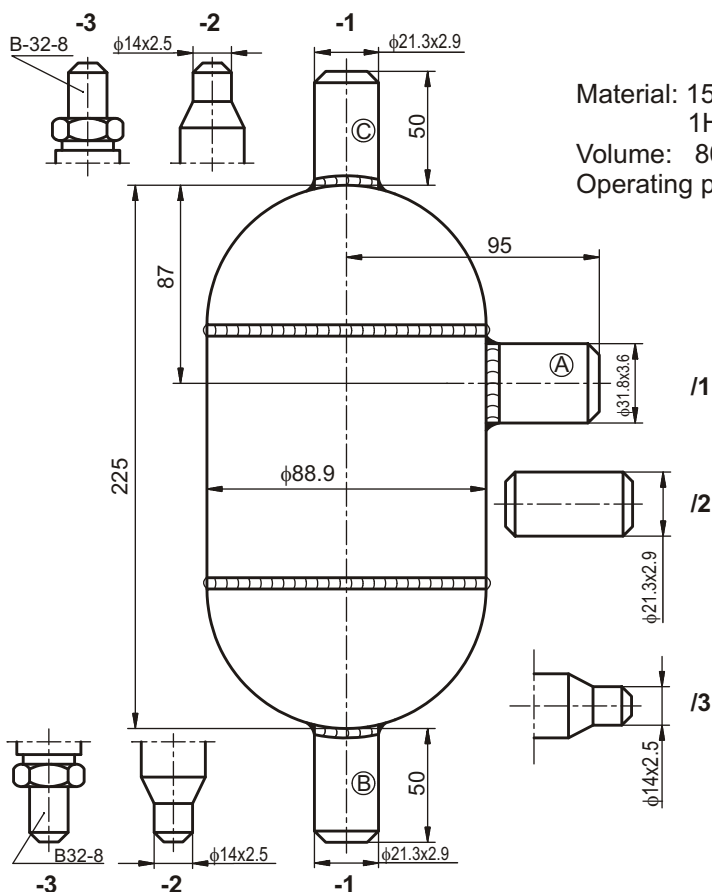
| VESSEL TYPE | | MAS-01-00 | MAS-01-02 | MAS-02-00 | MAS-02-02 | MAS-03-00 | MAS-03-01 |
|--|-------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Volume: | | 300 cm ³ | 300 cm ³ | 800 cm ³ | 800 cm ³ | 180 cm ³ | 180 cm ³ |
| Nominal pressure: | | 10MPa | 10MPa | 10MPa | 10MPa | 42MPa | 42MPa |
| Test pressure: | | 15MPa | 15MPa | 15MPa | 15MPa | 56MPa | 56MPa |
| The highest application temperature: | | 520°C | 250°C | 520°C | 250°C | 520°C | 560°C |
| Numerical values of permissible operating pressures versus rated pressure and operating temperature, acc. to standard PN-89/M-02650 (see the charts) | up to 250°C | ———— | 6MPa | ———— | 6MPa | ———— | 32.5MPa |
| | up to 300°C | 10MPa | ———— | 10MPa | ———— | 42MPa | 30.4MPa |
| | up to 350°C | 9.0MPa | ———— | 9.0MPa | ———— | 37.9MPa | 29.4MPa |
| | up to 400°C | 8.6MPa | ———— | 8.6MPa | ———— | 36.2MPa | 28.3MPa |
| | up to 450°C | 7.5MPa | ———— | 7.5MPa | ———— | 31.3MPa | 27.1MPa |
| | up to 500°C | 5.5MPa | ———— | 5.5MPa | ———— | 23.1MPa | 19.2MPa |
| | up to 520°C | 3.73MPa | ———— | 3.73MPa | ———— | 15.6MPa | 15.3MPa |
| | up to 540°C | ———— | ———— | ———— | ———— | ———— | 11.8MPa |
| up to 560°C | ———— | ———— | ———— | ———— | ———— | 8.6MPa | |
| Vessel's material: | | 15HM | 1H18N9T | 15HM | 1H18N9T | 15HM | 13HMF |
| Passage diameter: | | 8; 15; 24.5mm | 8; 15; 24.5mm | 8; 15; 24.5mm | 8; 15; 24.5mm | 8; 10; 14mm | 8; 10; 14mm |
| Mass: | | 1.9kg | 1.9kg | 4.3kg | 4.3kg | 3.7kg | 3.7kg |

DIMENSIONED DRAWING OF MAS-01- VESSEL



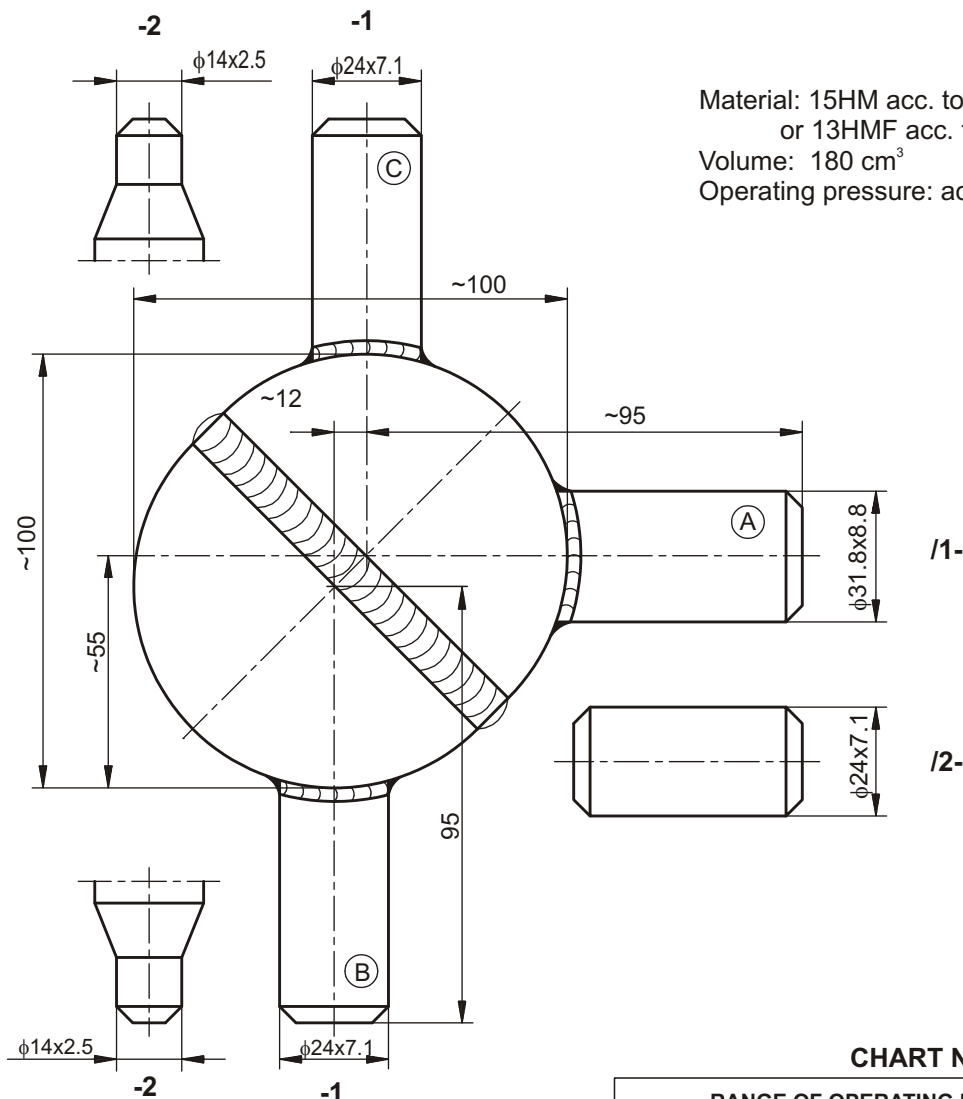
Material: 15HM acc. to PN-75/H-84024
1H18N9T acc. to PN-71/H-86020
Volume: 300 cm³
Operating pressure: acc. to chart no.1

DIMENSIONED DRAWING OF MAS-02- VESSEL



Material: 15HM acc. to PN-75/H-84024
1H18N9T acc. to PN-71/H-86020
Volume: 800 cm³
Operating pressure: acc. to Chart no. 1

DIMENSIONED DRAWING OF MAS-03- VESSEL



Material: 15HM acc. to PN-75/H-84024
or 13HMF acc. to PN-75/H-84024
Volume: 180 cm³
Operating pressure: acc. to Charts no. 2 and 3

CHART NO. 1

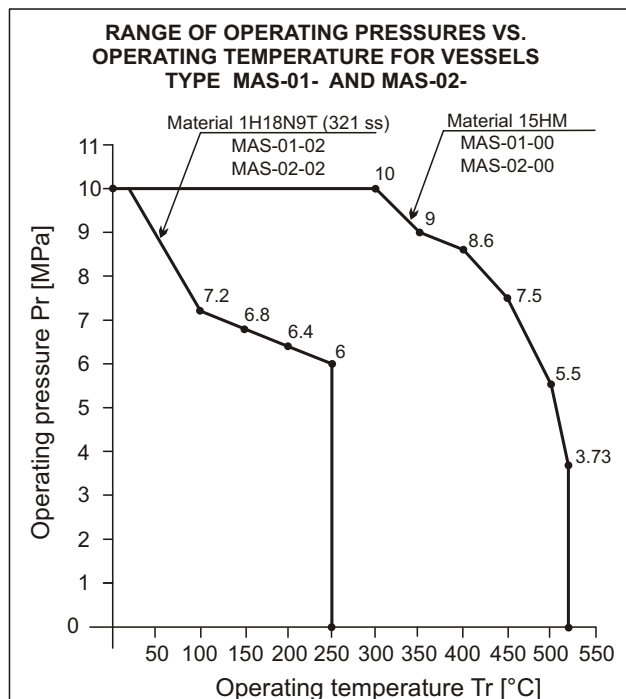


CHART NO. 2

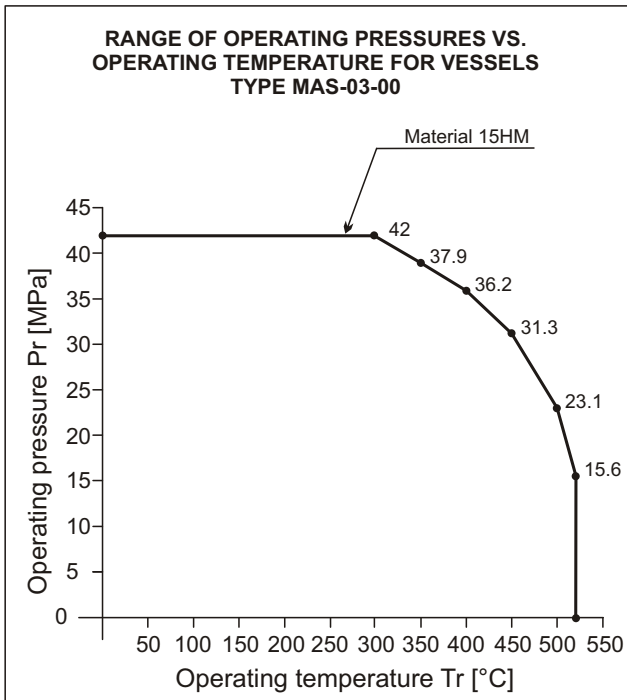
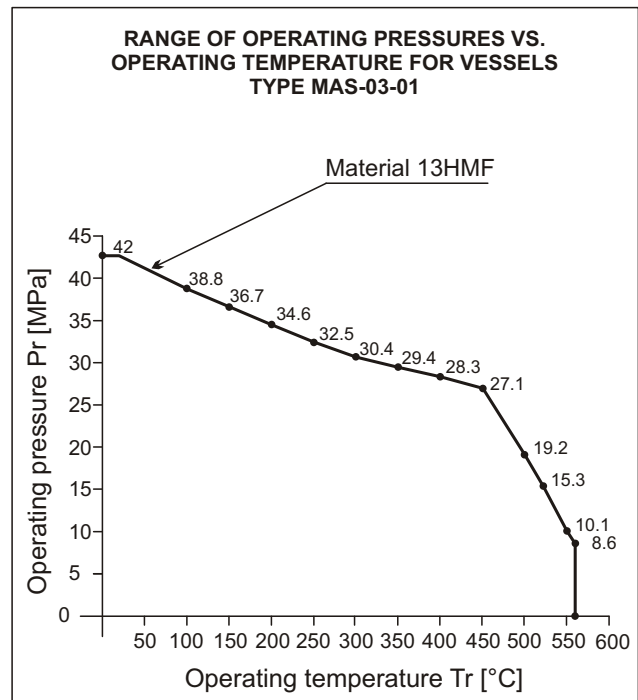


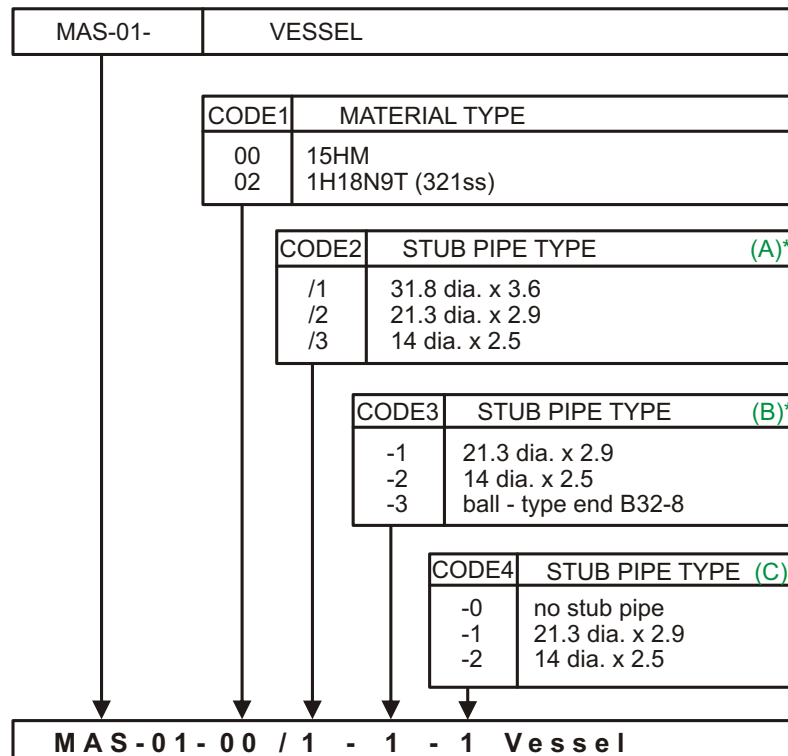
CHART NO. 3



Making

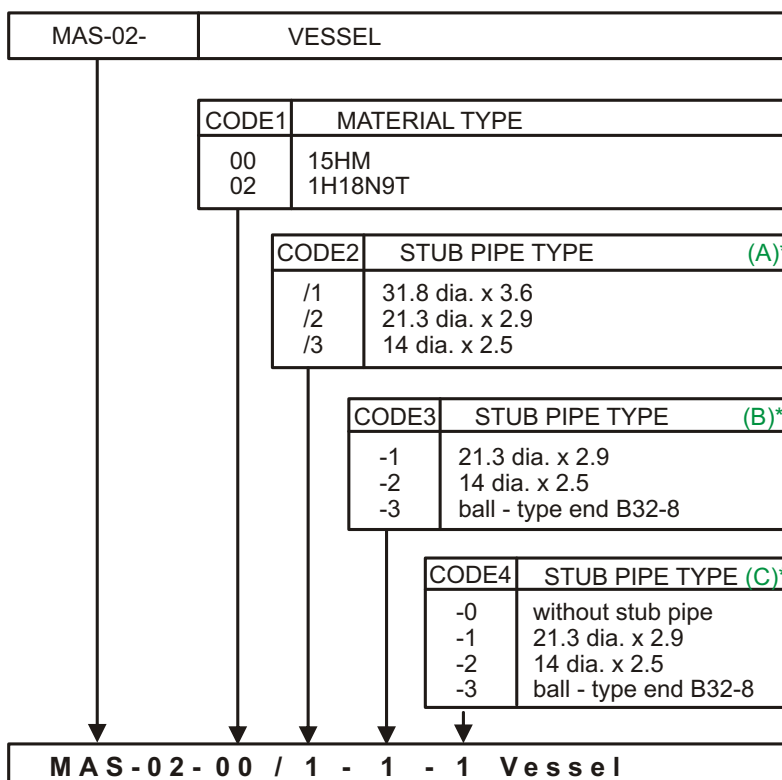
MAS-type vessels perform requirements of pressure directive PED no. 97/23/WE. As pressure units which parameters are not higher than limiting in par. 1.1, 1.2, 1.3 and 2 of mentioned directive they are designed and making with acknowledged engineering practice and they are not need CE marking.

ORDERING OF MAS-01- VESSEL



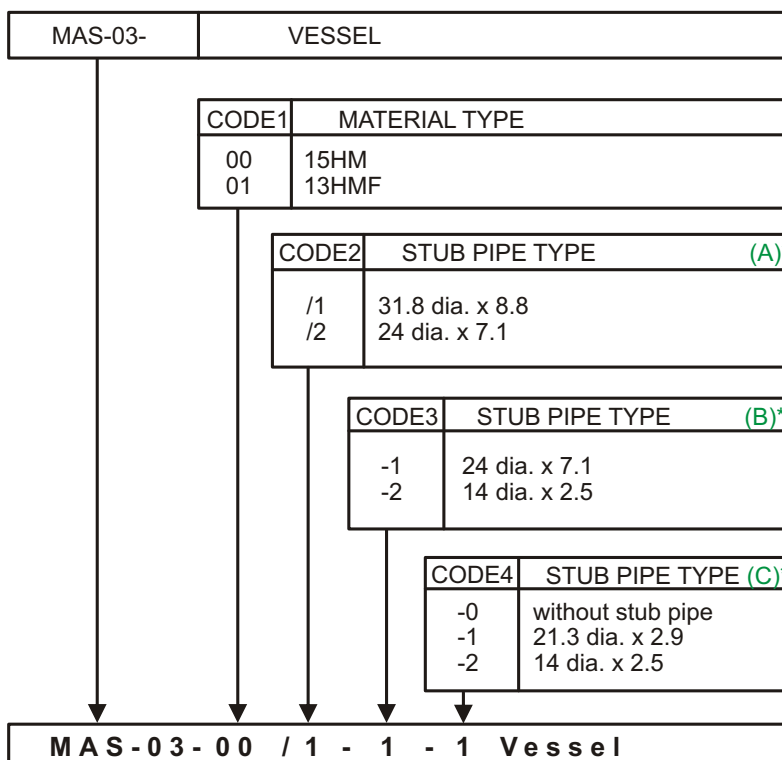
* Other stub pipe versions available after agreement with manufacturer

ORDERING OF MAS-02- VESSEL



* Other stub pipe versions available after agreement with manufacturer

ORDERING OF MAS-03- VESSEL



* Other stub pipe versions available after agreement with manufacturer

The right of introducing design changes in the product, without deteriorating of its operation parameters, is reserved.