



# MSB HELIUM SERIES

## *Stainless steel cryocylinder to store, transport and handle Liquid Helium*

Of an exceptional reliability, these vessels respond perfectly to the demand of Research centers, Medical applications and Gas Industry...

Benefiting from Cryo Diffusion's experience in very low temperature technics, the MSB Helium series combine:

- Robustness: vessel  $\Pi$  qualified for road transportation (0038/TPED/4001337/AV)
- Performance: low loss rate due to amelioration in the multishields technic and high level vacuum
- Non-magnetic rate all-stainless steel for MRI services (Magnetic Resonance Imagery) and Magnet Technology and Research
- Wide range: capacities graded from 30 to 5000 liters (other capacity available on request)

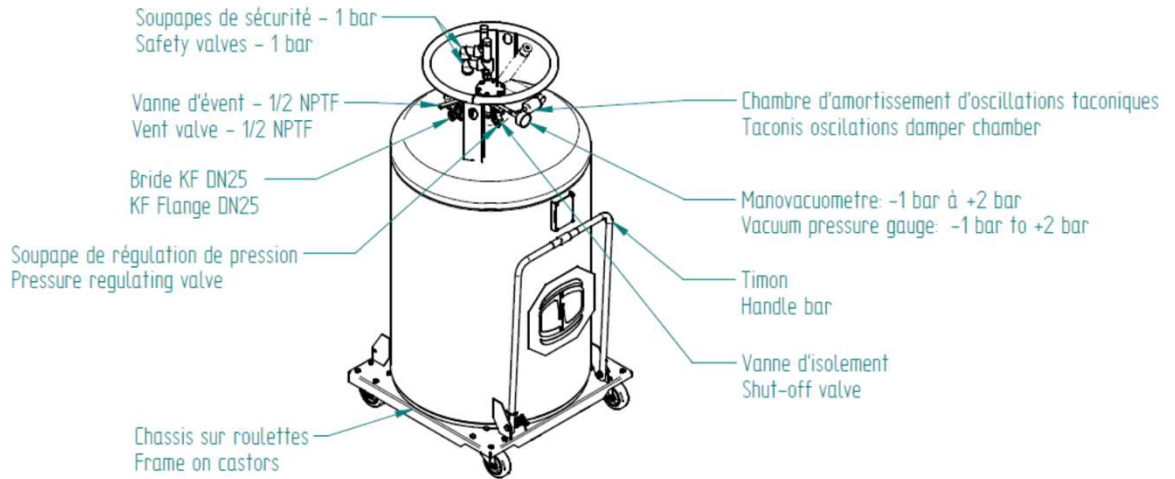
CE marking

Transportable Pressure Equipment Directive - TPED 2010/35/UE

Pressure Equipment Directive - PED 2014/68/UE



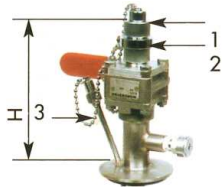
# Technical specification



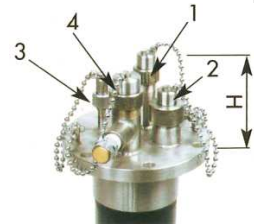
Standard options: forklift base, lifting lugs, side filling valve

SPECIFICATIONS MSB ...	30	60	100	250
Total capacity (l)	32,8	64,4	102,6	250
Empty weight (kg)	52	63	77	180
Filled weight (kg)	56	71	89,7	212
Height (mm)	1148	1352	1600	1549
Diameter (mm)	520	570	520	814
Mobile head connection	NW50	NW50	NW50	Flange
Mobile head type	A	A	A	B / C / D
Static evaporation (%/day)	< 2,3	< 1,3	< 1	1
Design pressure (bar)	0,5	0,5	0,5	1

Other capacity available on request



Type A

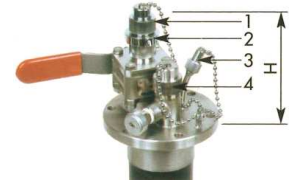


Type B

## Mobile Heads

MOBILE HEADS	Type	1	2	3	4	H
MSB 30 MSB 60 MSB 100	A	10	12 / 12,7	2,5	-	143
MSB 250 MSB 450 MSB 500	B	10	12 / 12,7	2,5	16	81
MSB 1000 MSB 2000 MSB 3000 MSB 5000	C	10	12 / 12,7	2,5	16	108
	D	10	12 / 12,7	2,5	16	147

Dimensions in mm

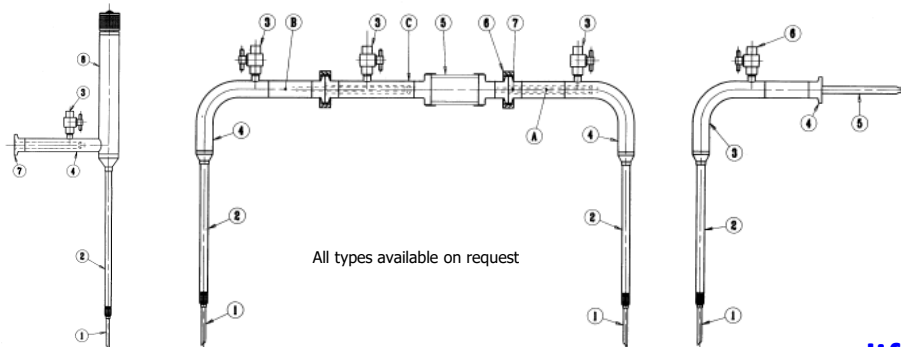


Type C



Type D

## Stingers and transfer lines



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