



SEAMS (unless otherwise indicated on drawing):			
longitudinal seam	socket-/flangeweldings	circumferential seams	
		beadseams only up to 8mm wall thickness of bottoms cyl. brim > 3,5 x wall thickness of bottoms	

pressure variation :	
pressure swing 0-16 bar max. operations 1.000	
infinite operation of pressure swing within 20% of 16 bar	
operational characteristics / calculation characteristics :	
volume V (litre)	: 3000
max. working pressure PS (bar)	: 16
test pressure PT (bar)	: 22,88
min. working temp. TS (°C)	: -20
max. working temp. TS (°C)	: 50
fluid	: compressed air/nitrogen (fluid group 2)
location	: inside and outside building possible
coating :	
inside : hot dip galvanized	
outside : hot dip galvanized	
manufacturing and testing	
acc. to PED 2014 / 68 / EU - AD 2000	
conformity benchmark :	
fluid group : 2	categorie : IV
diagram : 2	module : H1

scale :	1:17.5
our no. :	-
order no. :	-
used for :	M+B Standardvessel
weight :	ca.850 kg
sheet :	1
of sheet :	1
date of plot :	16.03.2015
file :	ENG-010841

**Maschinen- und Behälterbau GmbH**

date	name
compl. 29.06.2015	CW
appr. 16.03.2015	Nota 2

follow protection mark acc. to DIN 34

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description :	
pressure vessel horizontal 3000 l 16 bar	
drawing no. :	revision : A
MB 020102-2.3000V/E	
drawing no. of design inspection :	date of revision : 16.03.2015
MB 020102-2	revision only on CAD