



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)	: 7000		
max. working pressure PS (bar)	: 16		
test pressure PT (bar)	: 22,88		
min. working temp. TS (°C)	: -10		
max. working temp. TS (°C)	: 50		
fluid	: compressed air/nitrogen (fluid group 2)		
location	: inside and outside building possible		
coating :			
inside	: raw		
outside	: primed (if customer wishes lacquered)		
manufacturing and testing			
acc. to PED 2014 / 68 / EU - AD 2000			
conformity benchmark :			
fluid group	: 2	categorie	: IV
diagram	: 2	module	: H1

scale :	1:22.5
our no. :	-
order no. :	-
used for :	M+B Standardvessel
weight :	ca.1790 kg
sheet :	1
of sheet :	1
date of plot :	07.07.2015
file :	ENG-010877

Maschinen- und Behälterbau GmbH

	date	name
compl.	07.07.2015	CW
appr.	07.07.2015	Nota 2

follow protection mark acc. to DIN 34

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description :	
pressure vessel horizontal 7000 l 16 bar	
drawing no. :	revision : A
MB 020102-2.7000G/E	
drawing no. of design inspection :	date of revision : 07.07.2015
MB 020102-2	revision only on CAD