



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)	: 50
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	or: inside : hot dip galvanized
outside : primed (if customer wishes lacquered)	outside : hot dip galvanized

manufacturing and testing	
acc. to PED 2014 / 68 / EU - AD 2000	

conformity benchmark :	
fluid group : 2	categorie : II
diagram : 2	module : B + C1 / H

scale:	1:5	description:	pressure vessel upright 50 l 16 bar
our no.:	-		
order no.:	-	drawing no.:	MB 030603-2.50/E
used for:	M+B Standardvessel		
weight:	ca.25 kg	drawing no. of design inspection:	MB 030603-2
sheet:	1		
of sheet:	1	revision:	A
date of plot:	16.06.2015	date of revision:	16.06.2015
file:	ENG-010722	revision only on CAD	