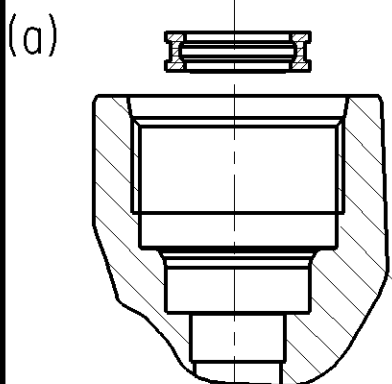
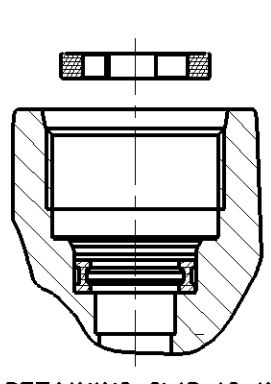


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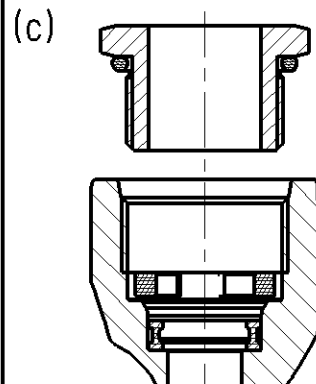
ASSEMBLY PROCEDURE ⑥



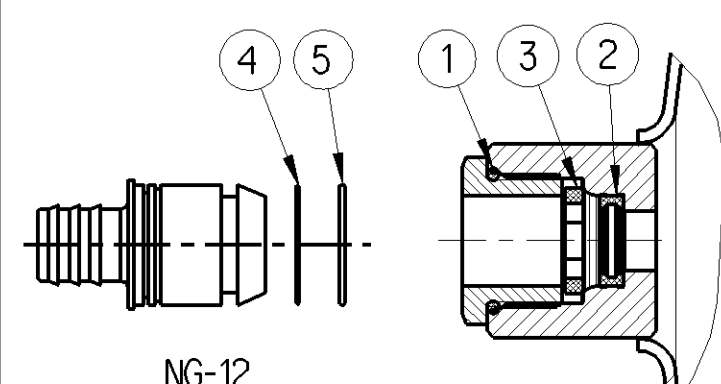
THE SPRING ELEMENT IS INSERTED INTO THE CHAMBER UNDER THE THREAD ROOT OF THE CONNECTION BORE (a) AND (b).



THE RETAINING CLIP IS INTRODUCED SO THAT IT RESTS FLAT ON THE THREAD ROOT (b) AND (c). THE SPRING ELEMENT AND RETAINING CLIP ARE SYMMETRICAL.



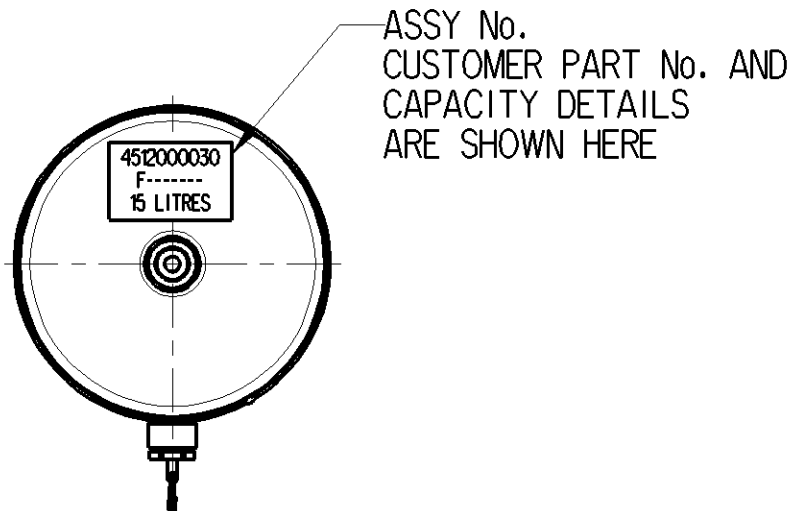
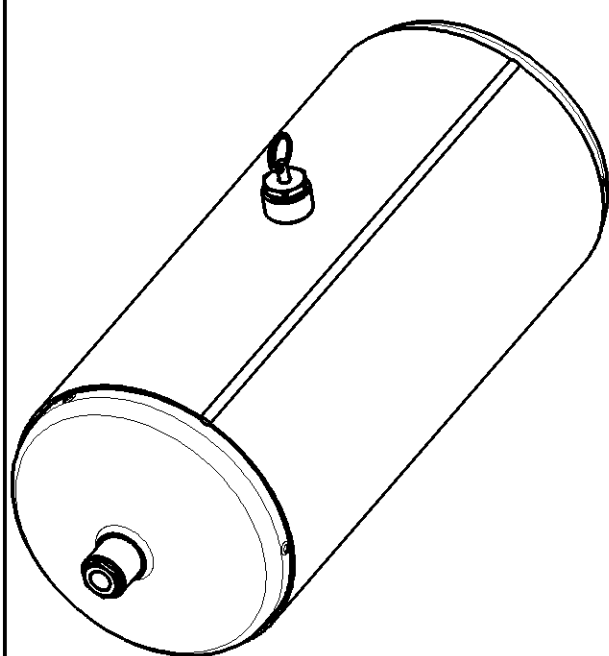
THE MALE FITTING PRE-ASSEMBLED WITH THE PRE-GREASED O-RING TO SEAL THE THREAD IS SCREWED BY HAND INTO THE TAPPED BORE (c) AND TIGHTENED.



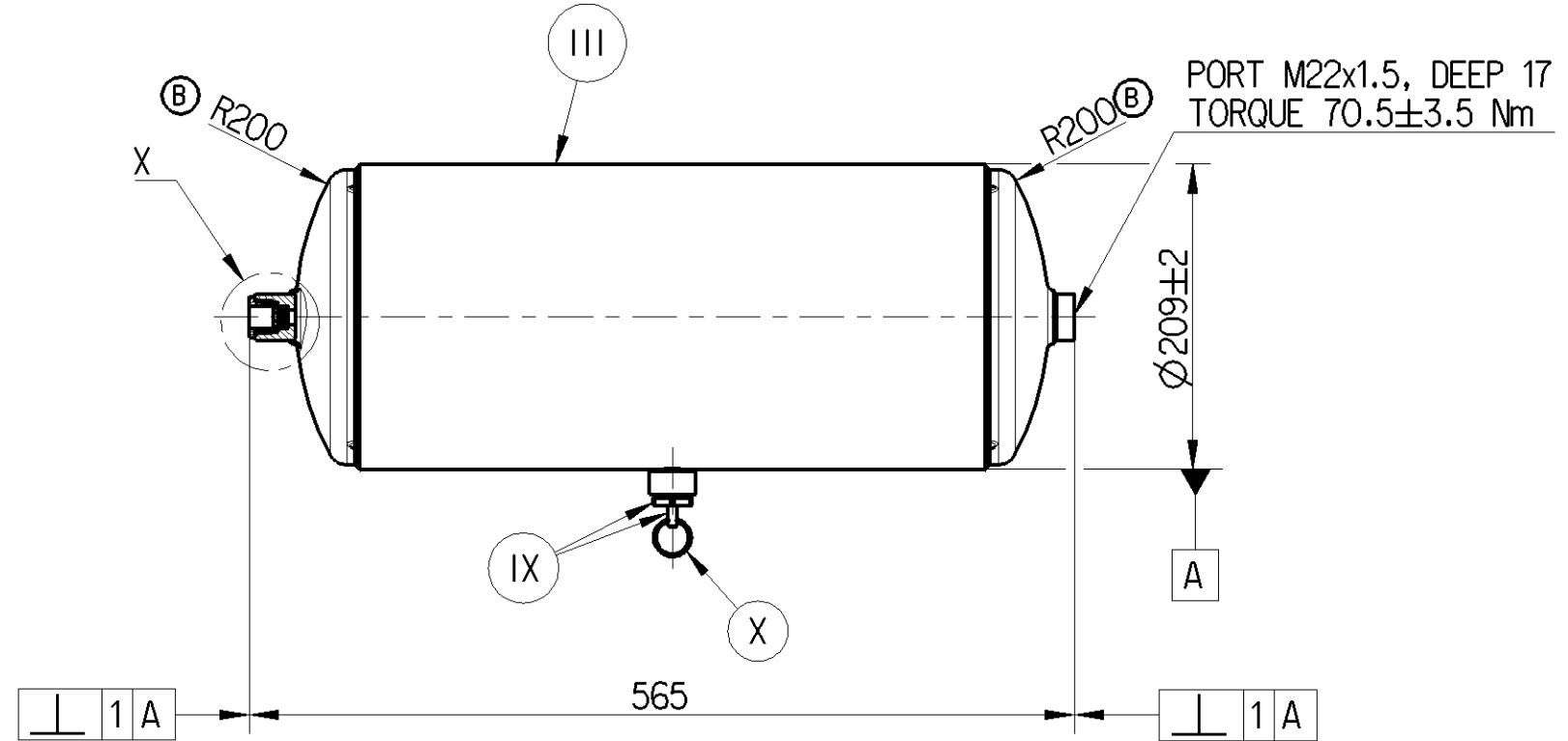
NG-12
CUSTOMER END DETAILS
NO SCALE

REPAIR KIT 300003124 (MSP 3/124) CONSISTS OF ITEM SHOWN ⑥

ITEM NO.	CUSTOMER PART NO.	WIN PART No.	DESCRIPTION	QTY
1		8979803224	O Ring	1
2		8953700044	NG12 Spring Element	1
3		8952266974	NG12 Retaining Clip	1
4		8979801464	O Ring	1
5		8979801534	O Ring	1

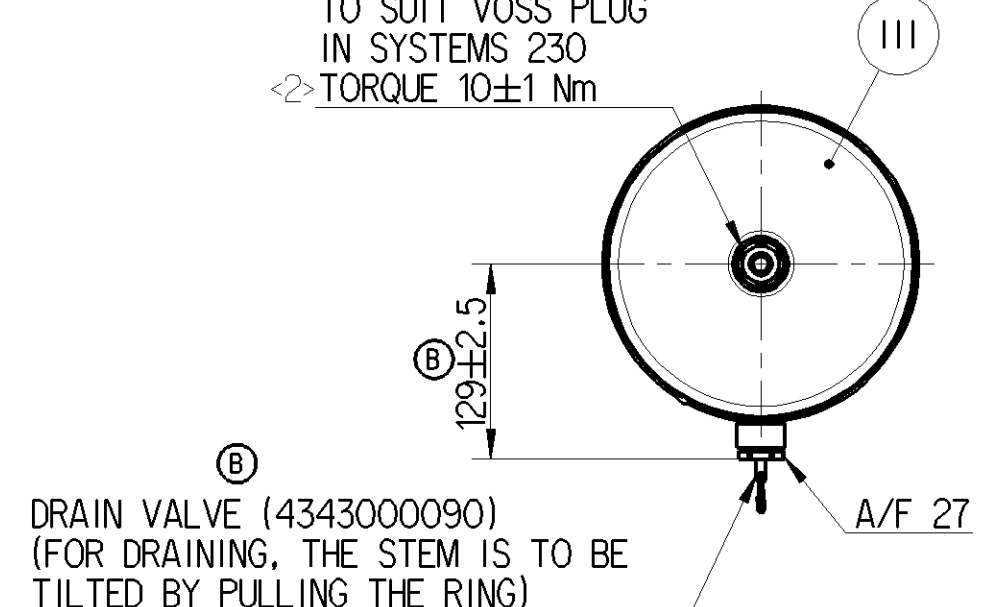


ASSY No.
CUSTOMER PART No. AND
CAPACITY DETAILS
ARE SHOWN HERE



PORT M22x1.5, DEEP 17
TORQUE 70.5±3.5 Nm

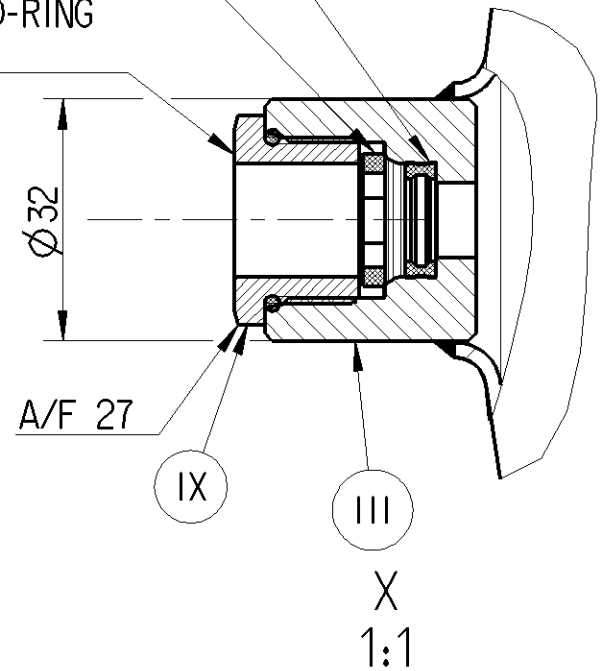
M22x1.5,
TO SUIT VOSS PLUG
IN SYSTEMS 230
TORQUE 10±1 Nm



NG12 SPRING ELEMENT
VOSS PART No. 00 62 05 99 00

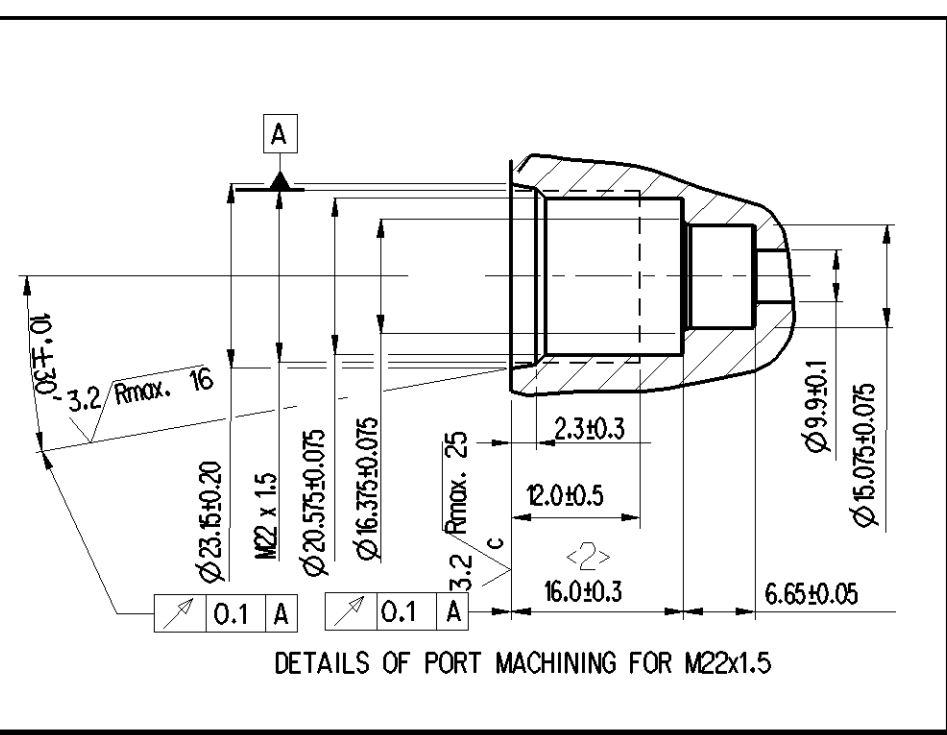
NG12 RETAINING CLIP
VOSS PART No. 00 62 01 90 00

NG12 MALE NUT M22 X 1.5 WITH O-RING
VOSS PART No. 00 62 03 99 00



- <1> SAFETY CHARACTERISTICS (≧0x)
- <2> SIGNIFICANT CHARACTERISTICS (≧2x)

PART CODE	MATERIAL	SURFACE PROTECTION
XVII	STEEL	NO TREATMENT
XVI	CAST IRON	PLATED
XV	STEEL	ZINC IRON PLATED
XIV	CAST IRON	NO TREATMENT
XIII	ZINC ALLOY	ANODISED
XII	PLASTIC	NO TREATMENT
XI	RUBBER	NO TREATMENT
X	STAINLESS STEEL	NO TREATMENT
IX	BRASS	NO TREATMENT
VIII	ZINC ALLOY	CHROMATED
VII	ALUMINIUM ALLOY	ANODISED
VI	ALUMINIUM ALLOY	CHROMATED
V	CAST IRON	PAINTED
IV	STEEL	POWDER COATED
III	STEEL	PAINTED
II	STEEL	PHOSPHATED
I	STEEL	ZINC PLATED



DETAILS OF PORT MACHINING FOR M22x1.5

SL.No.	NOTES	
1	PRODUCT FUNCTION AND RELIABILITY	
1.1	CAPACITY	15 LITRES
1.2	NORMAL WORKING PRESSURE	8 bar
1.3	MAXIMUM WORKING PRESSURE	10 bar
1.4	THERMAL RANGE OF APPLICATION	-15°C TO +70°C
1.5	CORROSION RESISTANCE 300 HOURS OF NSS APPLICABLE FOR RESERVOIR 240 HOURS OF NSS APPLICABLE FOR FASTENERS	
2	SERVICE LIFE TO FIRST OVERHAUL 2 YEARS/180000 km WHICHEVER IS EARLIER FOR AIR DRYER OR DDU FITTED VEHICLE 1 YEAR/80000 km WHICHEVER IS EARLIER FOR NON AIR DRYER OR NON DDU FITTED VEHICLE	
3	OPEN PORTS ARE FITTED WITH CLOSURE PLUGS AND THE DRAIN VALVE IS FITTED WITH CLOSURE SLEEVE FOR STORAGE AND TRANSIT PURPOSES.	

General Specification: JED-334-1, Size ISO 14405 LP
Further Technical Data: 4512000030
Doc. Code: Q35
Sheet: 1 To 2
General Tolerances JED-261
Range of Nominal Dimensions (± mm)
Class 1) ≤ 50 > 50 ≤ 180 > 180 > 400
Fine 0.5 1.0 1.5 2.0
Medium X 1.0 2.0 3.0 4.0
Coarse 2.0 3.5 5.0 6.5
Tapped Holes acc.
1) Tolerance Class Applied Crossmarked

Copyright WABCO®
Date: 2015-03-04
Signature: HARI
Checked: 2015-03-17
Expert: Aravinthan
Murugan
Mass: 6.2 KG
Scale: 1:5
Size: A 2
CAD System: CREO

WABCO
RESERVOIR - 15 LITRES
Material No.: 451 200 003 0
Date of first issue: 2010-06-25
Doc. Code: 005
Language: EN
Sheet: 1/2
ECN-No.: 166946
Revision: 7 B
Techn. Resp.: 5060_WIN
Replacement for: -

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Configuration Control Table

Lfd. Nr.	Rev./DCN-No.	Datum	WABCO-Aenderungsangaben Beschreibung der Aenderung / Begrueendung	Einfluss-termin (Jahr/KW)	DC ZGS Auftr. Nr.
1	158440	2012-05-08	Corrosion resistance "300 HOURS OF NSS IS APPLICABLE FOR RESERVOIR 240 HOURS OF NSS IS APPLICABLE FOR ADAPTORS" was 96 hours. Product specification '4512000030_035' was 'PSSC 90c'.Drawing redrawn.	12/12	005
2	166946	2015-03-04	Drain valve was 4343000090 was M302830. Dimension R200 was R202.Weight updated. DIM 129±2.5 was DIM 129. WABCO new template updated. Repair Kit updated. Drawing redrawn.	15/05	005

			COPYRIGHT			WABCO RESERVOIR - 15 LITRES		
			Approval Level	DATE	NAME			
			Compiler	2015-03-04	Hari			
			2	2015-03-17	Aravinthan			
			3	2015-03-17	Murugan			
166946	B	2015-03-04	4					
12280	A	2012-03-23	TRI		PRODUCT IDENTIFICATION NO.		DOC. CODE	Page
DCN-NO.	Revision	DATE	5060_WIN		451 200 003 0		091	2/2