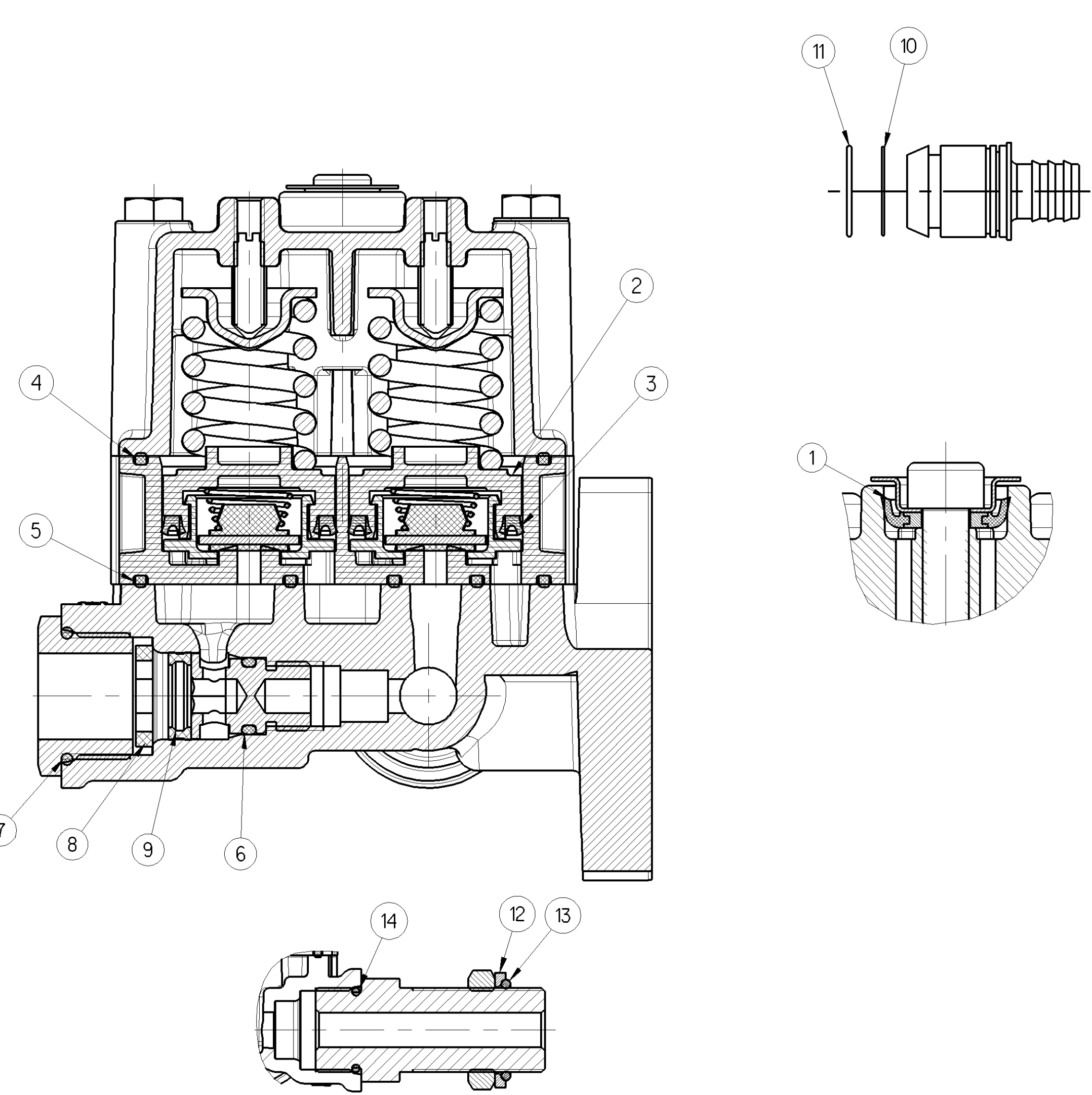


XVII	STEEL	NO TREATMENT
XVI	CAST IRON	PLATED
XV	STEEL	ZINC IRON PLATED
XIV	CAST IRON	NO TREATMENT
XIII	ZINC ALLOY	ANODISED
XII	PLASTIC	NO TREATMENT
XI	RUBBER	NO TREATMENT
X	STAINLESS STEEL	NO TREATMENT
IX	BRASS	NO TREATMENT
VIII	ZINC ALLOY	CHROMATED
VII	ALUMINIUM ALLOY	ANODISED
VI	ALUMINIUM ALLOY	CHROMATED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



MSP 3/148 REPAIR KIT

SL.No	TML PART No	WABCO PART NO	DESCRIPTION	QTY
1		934 702 141 2	LIP SEAL	1
2		932 500 506 2	VALVE ASSEMBLY	4
3		897 150 046 4	LIPSEAL	4
4		897 310 048 4	GASKET	1
5		897 310 047 4	GASKET	1
6		897 980 198 4	O-RING	1

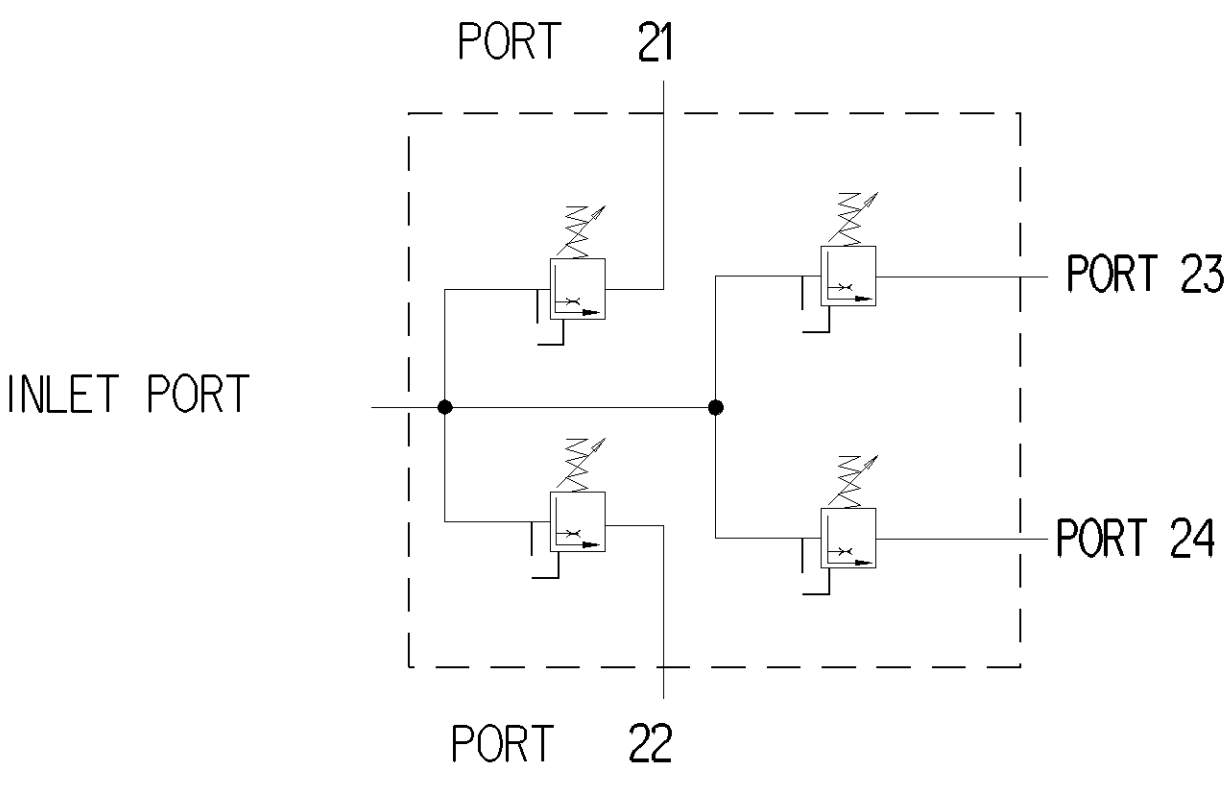
MSP 3/124 CONSISTS OF ITEM SHOWN

SL.No	TML PART No	WABCO PART NO	DESCRIPTION	QTY
7		897 980 322 4	O-RING	1
8		895 370 004 4	SPRING REATAINER	1
9		895 226 697 4	RETAINING RING	1
10		897 980 146 4	O-RING	1
11		897 980 153 4	O-RING	1

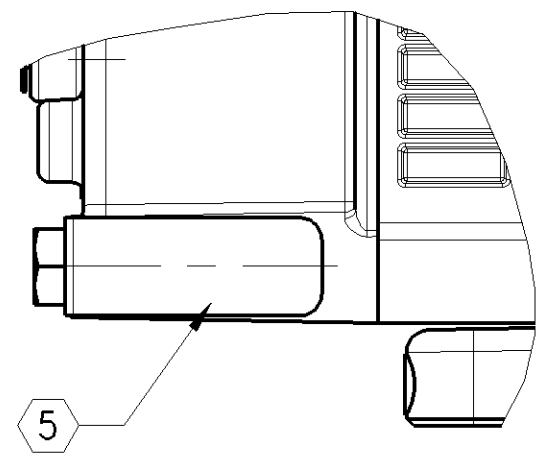
REPAIR KIT REQUIRED IS MAXIMUM 4 IN QUANTITY

SERVICEABLE PARTS

SL.No	TML PART No	WABCO PART NO	DESCRIPTION	QTY
12		895 180 006 4	SPECIAL WASHER	1
13		897 980 211 4	O-RING	1
14		897 980 322 4	O-RING	1

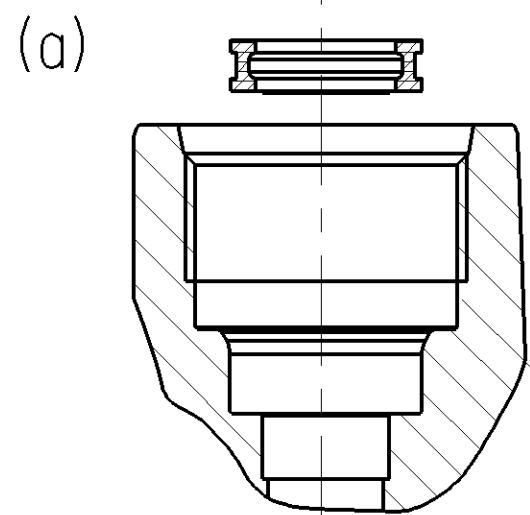


CIRCUIT DIAGRAM WITHOUT BLEED BACK

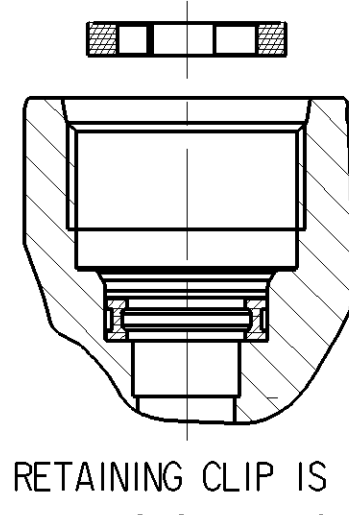


VIEW P

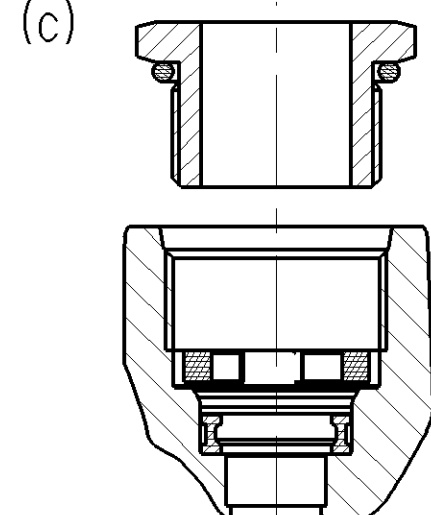
ASSEMBLY PROCEDURE



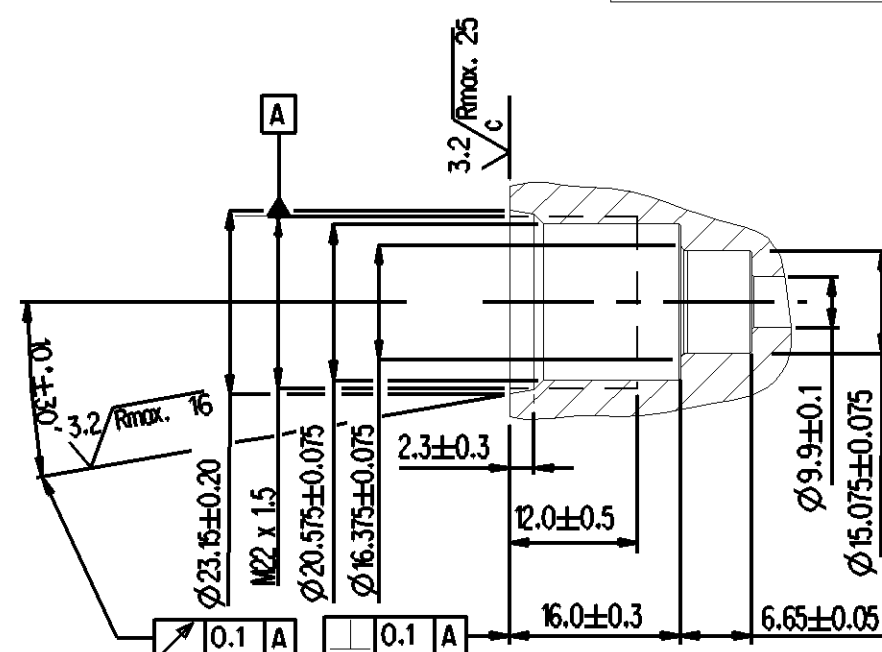
THE SPRING ELEMENT IS INSERTED INTO THE CHAMBER UNDER THE THREAD ROOT OF THE CONNECTION BORE (a) AND (b).



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.

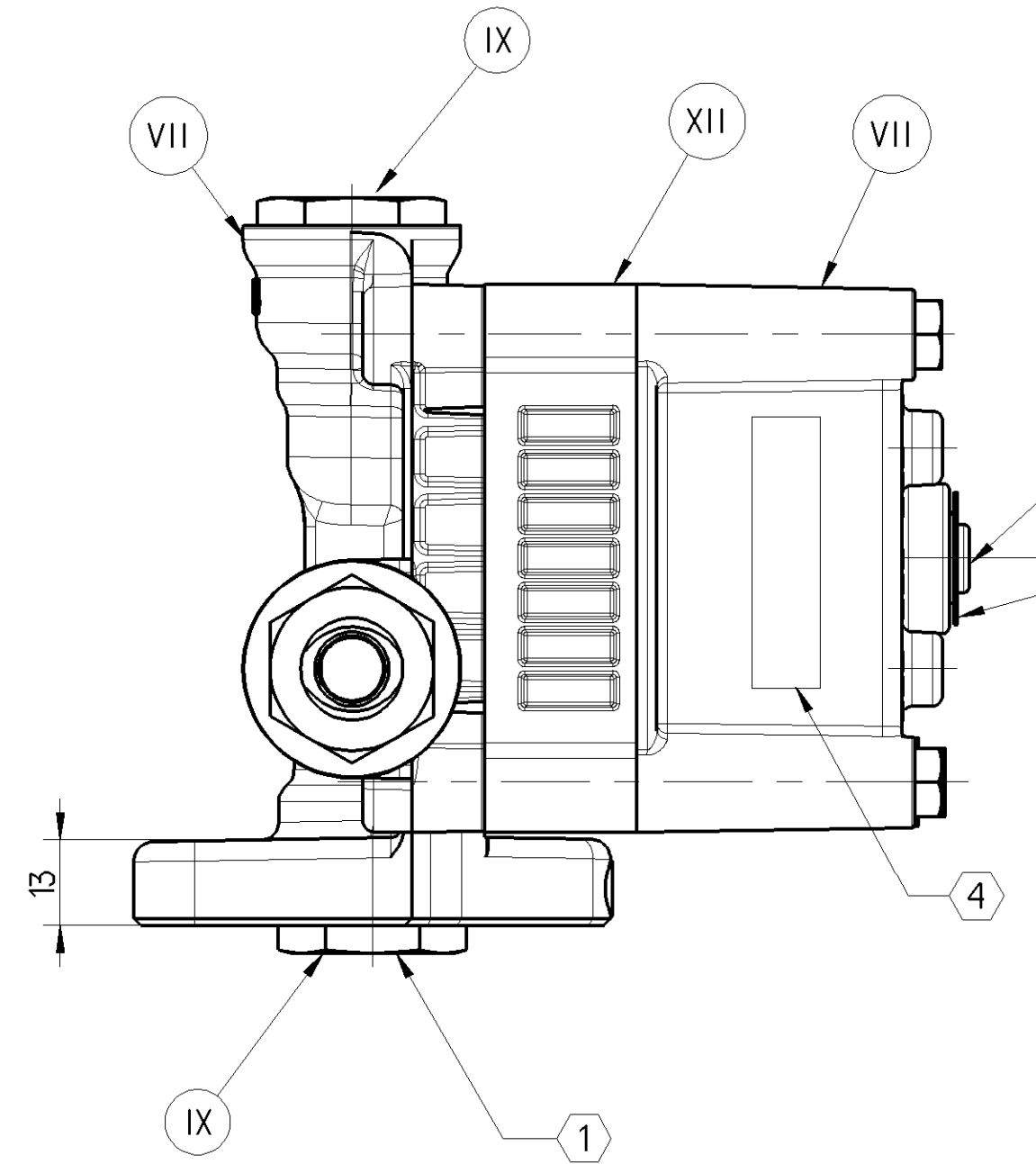
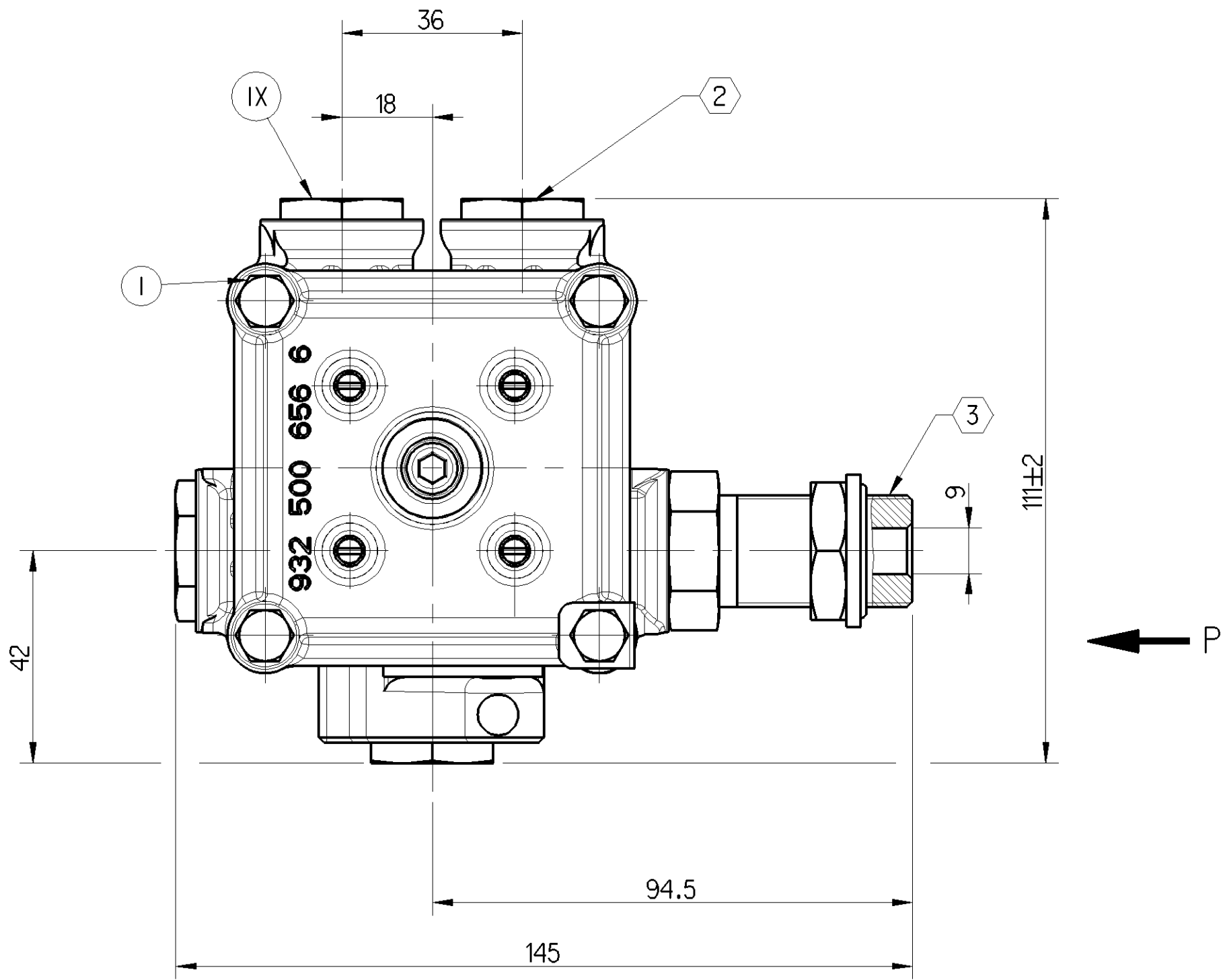


DETAILS OF PORT MACHINING FOR M22x1.5

SL No.	NOTES	
1	PRODUCT SPECIFICATION AND RELIABILITY	
1.1	NORMAL WORKING PRESSURE	8.1 bar
1.2	MAXIMUM WORKING PRESSURE	10 bar
1.3	THERMAL RANGE OF OPERATION	-40°c to +80°c
1.4	EQUIVALENT FLOW DIAMETER	7mm
1.5	CORROSION RESISTANCE	240 HOURS MINIMUM OF NSS
2	OPENING PRESSURE	REFER PRESSURE SETTING TABLE
3	RECOMMENDED INSTALLATION POSITION	4 SPRING HOUSING IN GSPV IS FACING GROUND
4	ELEMENTS ARE SET WITH AIR FLOW RATE OF 100 l/min	
5	QUALITY COMPLIANCE TESTS WILL BE CARRIED OUT REGULARLY AS PER CLAUSE NO: 14 OF PS 9347020370	
6	OPEN PORTS AND MALE THREADS ARE FITTED WITH CLOSURE PLUGS/CLOSURE SLEEVES FOR STORAGE AND TRANSIT PURPOSE	
7	SERVICE LIFE TO FIRST OVERHAUL- 3 YEARS/ 3,00,000 KM WHICHEVER IS EARLIER IF FITTED AS PER RECOMMENDED LAYOUT	
8	PRESSURE FILLING SEQUENCE IS 21/22 → 24/23	

PRESSURE SETTING DETAILS

DYNAMIC OPENING PRESSURE(bar) PORT No.				RETENTION PRESSURE(bar) PORT No.				RECHARGING PRESSURE (bar) PORT No.			
21	22	23	24	21	22	23	24	21	22	23	24
7.1-0.2	7.1-0.2	7.5-0.2	7.5-0.2	21	0	>5.7	>5.7	>5.7	0	>6.5	0
				22	>5.7	0	>5.7	>5.7	>6.5	0	0
				23	>5.7	>5.7	0	>5.7	>6.5	>6.5	0
				24	>5.7	>5.7	>5.7	0	>6.5	>6.5	0



- INLET CONNECTION, M22x1.5, TO SUIT VOSS SYSTEM 230, TORQUE 10±1 Nm, HEX. 24
- M22x1.5, TO SUIT VOSS SYSTEM 230, FOR DELIVERY PORTS 22, 23 AND 24 TORQUE 10 ±1 Nm, HEX. 24
- DELIVERY PORT - 21, M22x1.5, TORQUE 50.5±2.5 Nm, HEX 27
- CUSTOMER PART NUMBER TO BE SHOWN HERE
- DEVICE NO. AND BATCH NO. ARE PUNCHED HERE.

TML PART NO	5039 4370 01 67
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General Specifications: 432-534-1, Size ISO 14405 LP				Copyright WABCO®		WABCO	
Further Technical Data: 9347020370				Date: 2017-10-12		Signature: Aravindhan	
Doc. Code: 030				Sheet: 1		To 9	
General Tolerances: 432-261				2017-10-12		Checked: Schul	
Range of Nominal Dimensions (± mm)				Expert: Murgan S		Mastered No.	
Class				1.0		Date of first issue: 2017-10-12	
Fine				1.0		Doc. Code: Language: EN	
Medium				1.1		Sheet: 1/1	
Coarse				1.1		Replacement for	
Tapped Holes acc. 0				A 0		500	
Tolerance Class: Applied: 0				0.05		1/1	