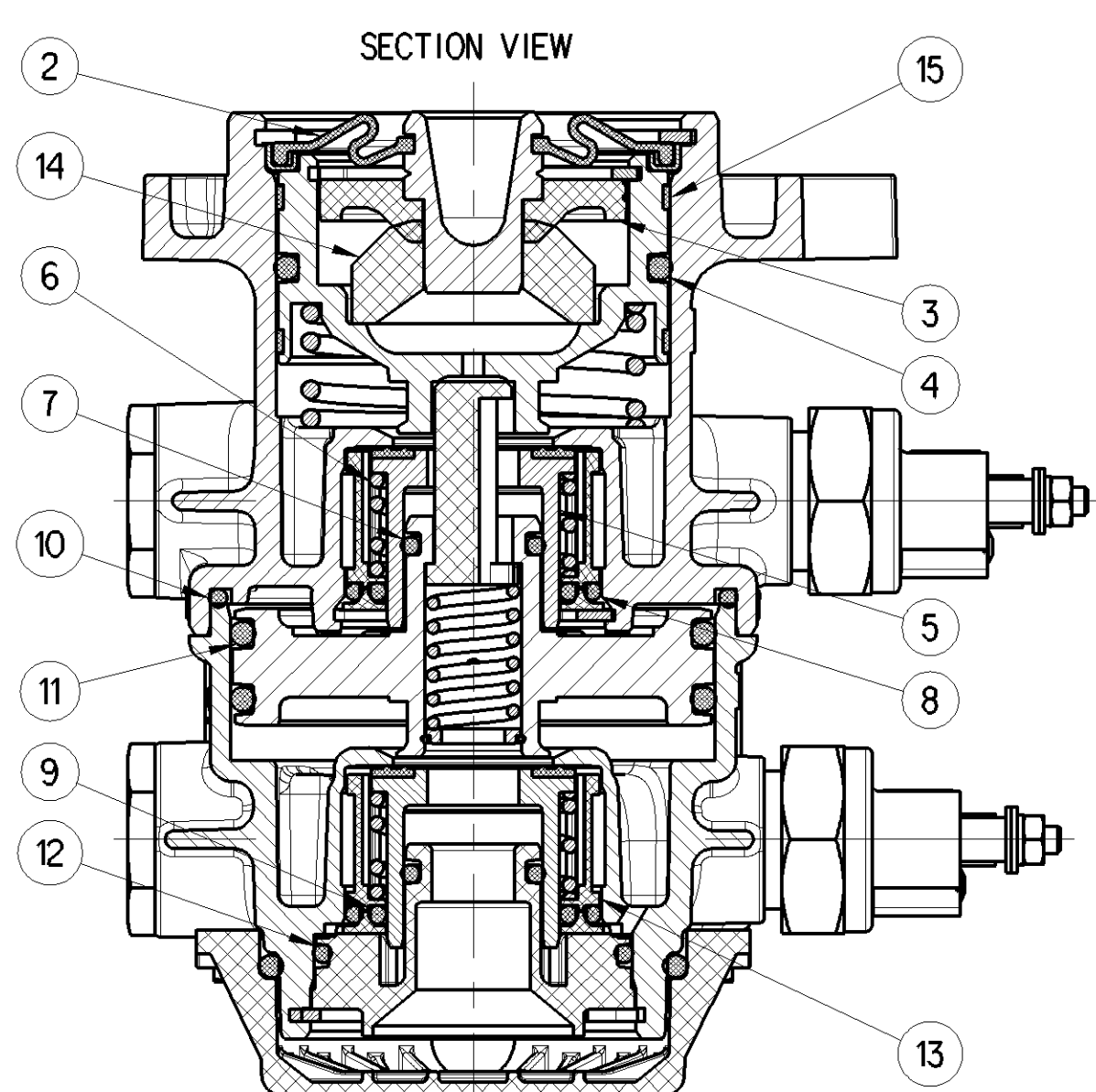
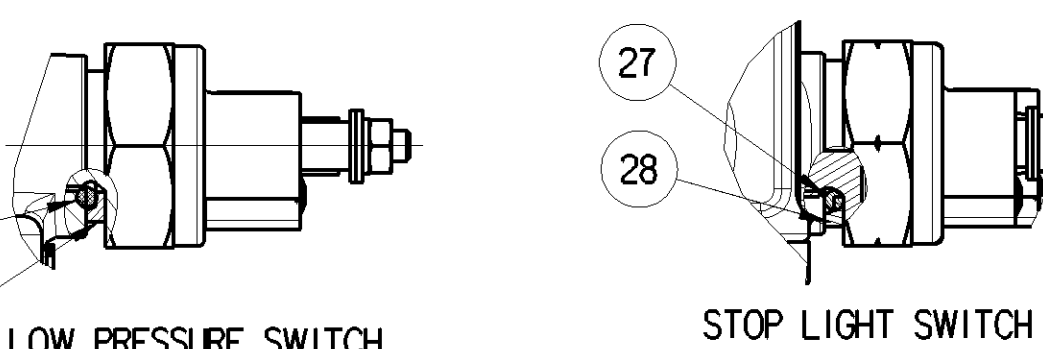
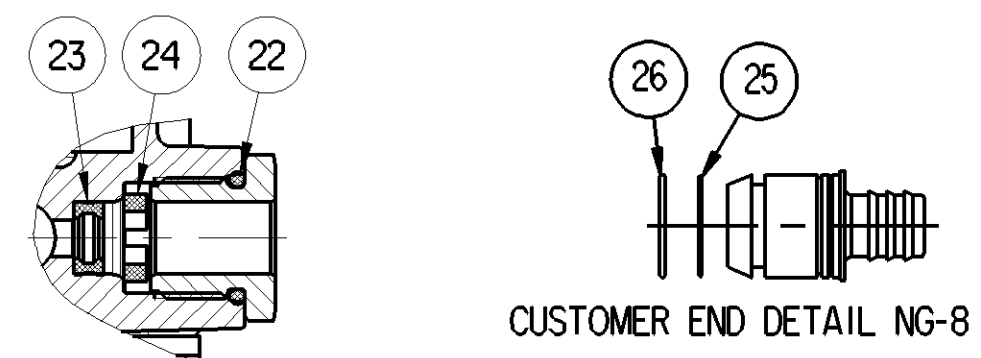
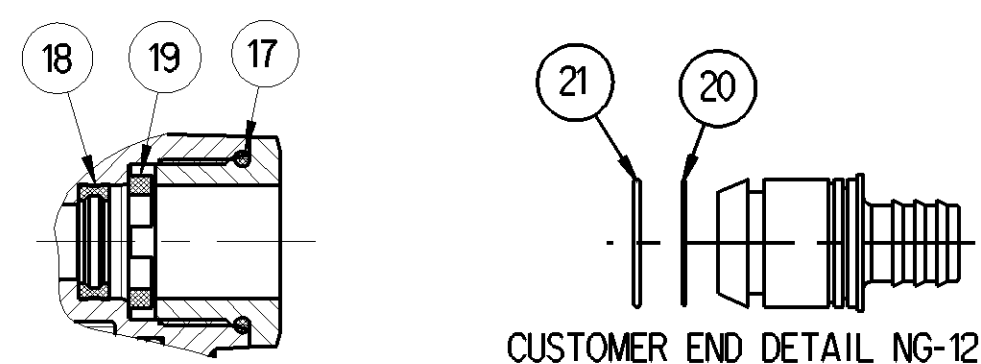


PORT IS SHOWN OUT OF POSITION FOR CLARITY IN SECTION VIEW



REPAIR KIT 300006051 (MSP 6/51) CONSISTS OF ITEMS SHOWN

S.No.	CUSTOMER PART No.	WIN PART No.	DESCRIPTION	QTY
1		M631610	BOOT	1
2		M630250	BOOT	1
3		M630180	SPRING SEAT	1
4		8979801304	O-RING	2
5		M610171	VALVE	2
6		M632780	SPRING	2
7		8970800424	O-RING	2
8		8979802154	O-RING	2
9		8979871104	O-RING	2
10		8979802504	O-RING	1
11		8979801344	O-RING	2
12		8979801104	O-RING	1
13		M632770	FILTER	2
14		M630170	RUBBER SPRING	1
15		M630220	GUIDE RING	2
16		M630410	EXHAUST FLAP	1
		M919910	GREASE SLACK	2

PART NO. M631610-1 OFF AND M630410-1 OFF
IS PROVIDED IN THE KIT TO STANDARDISE THE VARIANTS

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

S.No.	CUSTOMER PART No.	WIN PART No.	DESCRIPTION	QTY
17		8979803224	O-RING	1
18		8953700044	SPRING ELEMENT	1
19		8952266974	RETAINING CLIP	1
20		8979801464	O-RING	1
21		8979801534	O-RING	1

REPAIR KIT REQUIRED IS MAXIMUM 4 IN QTY.

REPAIR KIT 300003123 (MSP 3/123) CONSISTS OF ITEMS SHOWN

S.No.	CUSTOMER PART No.	WIN PART No.	DESCRIPTION	QTY
22		8979803234	O-RING	1
23		8953700054	SPRING ELEMENT	1
24		8952267064	RETAINING CLIP	1
25		8979801454	O-RING	1
26		8979801564	O-RING	1

REPAIR KIT REQUIRED IS MAXIMUM 2 IN QTY

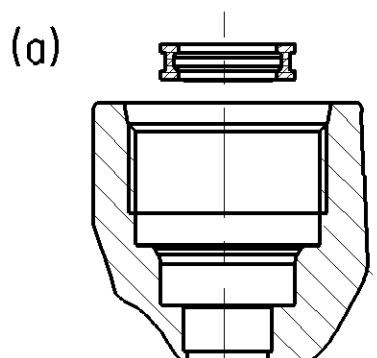
REPAIR KIT REQUIRED IS MAXIMUM 2 IN QTY.

THE FOLLOWING ARE INDIVIDUAL SERVICEABLE PARTS

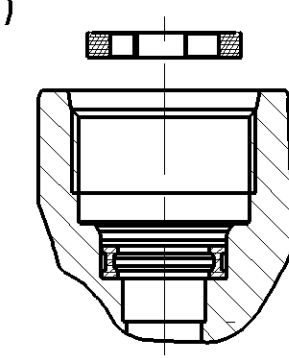
27		8951800014	WASHER	2
28		8979701004	O-RING	2
29		8951800004	WASHER	2
30		8979801824	O-RING	2

STEEL	NO TREATMENT
CAST IRON	PLATED
CAST IRON	NO TREATMENT
ZINC ALLOY	ANODISED
PLASTIC	NO TREATMENT
RUBBER	NO TREATMENT
STAINLESS STEEL	NO TREATMENT
BRASS	NO TREATMENT
ZINC ALLOY	CHROMATED
ALUMINIUM ALLOY	ANODISED
ALUMINIUM ALLOY	CHROMATED
CAST IRON	PAINTED
STEEL	POWDER COATED
STEEL	PAINTED
STEEL	PHOSPHATED
STEEL	ZINC OR ZINC IRON OR ZINC NICKEL PLATED WITH PASSIVATION

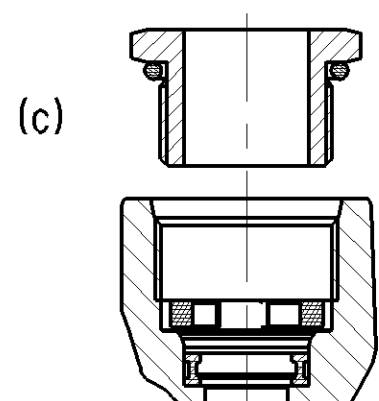
ASSEMBLY PROCEDURE:



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



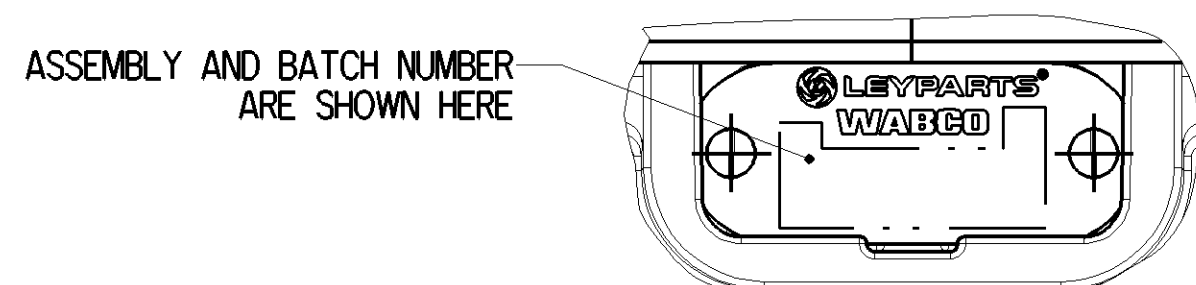
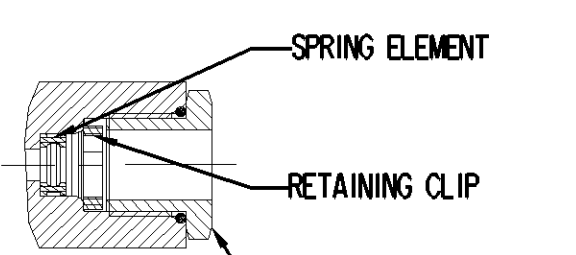
THE RETAINING CLIP IS INTRODUCED THAT IT RESTS FLAT ON THE THREAD ROOT (b) AND (c).
THE SPRING ELEMENT AND RETAINING CLIP ARE SYMMETRICAL.



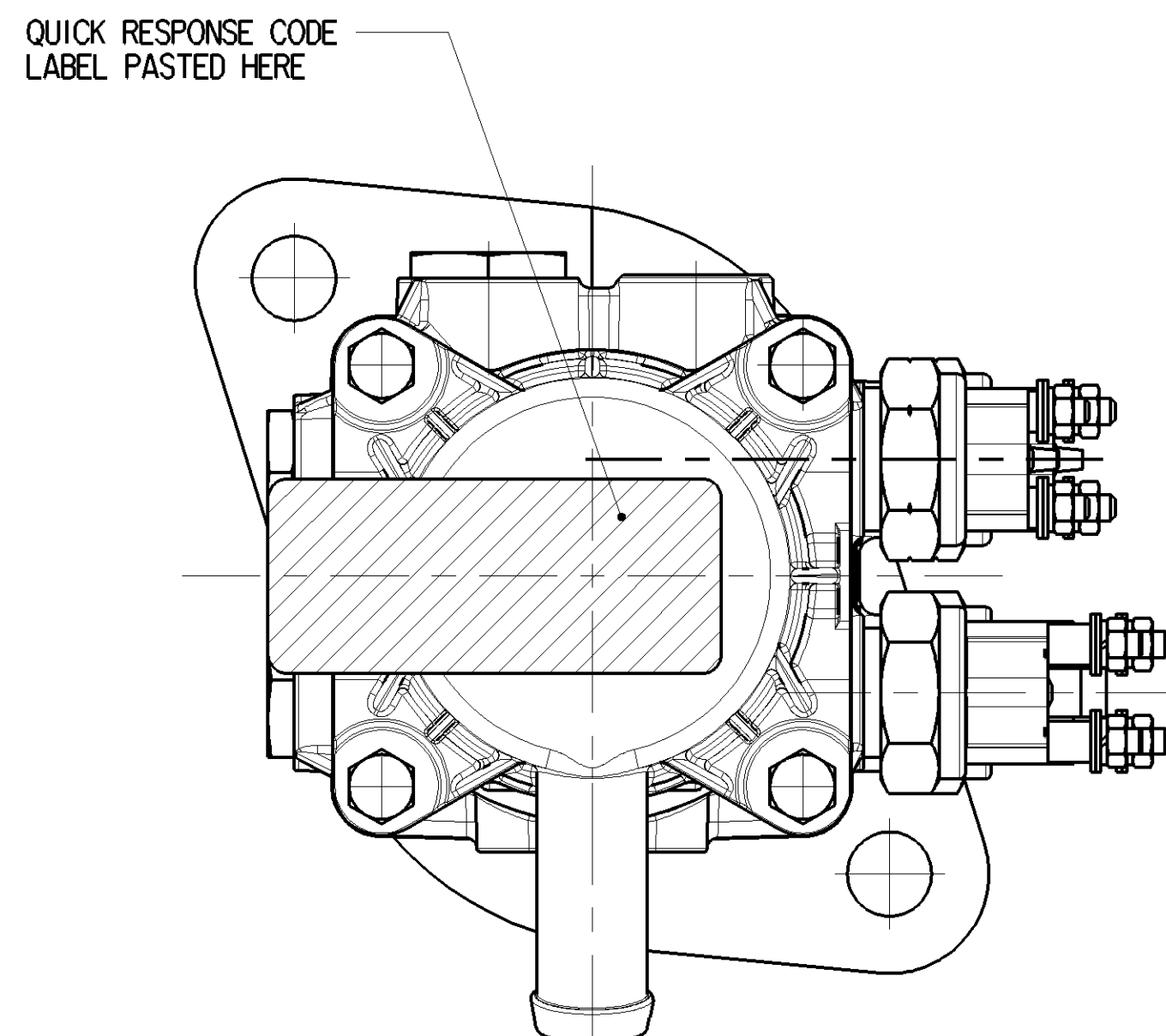
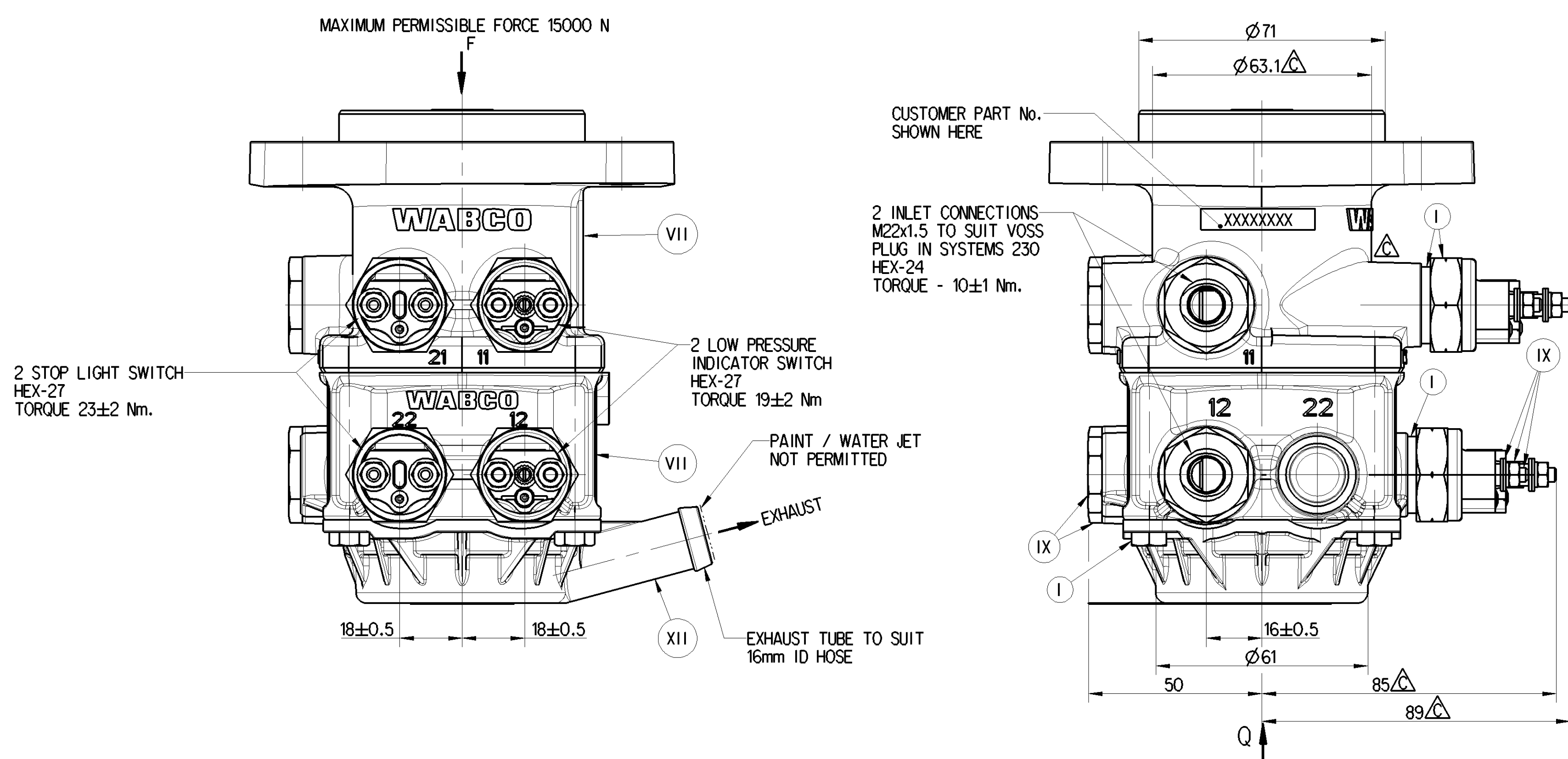
THE MALE FITTING PRE-ASSEMBLED WITH THE PRE-GREASED O-RING TO SEAL THE THREAD IS SCREWED BY HAND INTO THE TAPPED BORE (c) AND TIGHTENED.

VOSS DETAILS

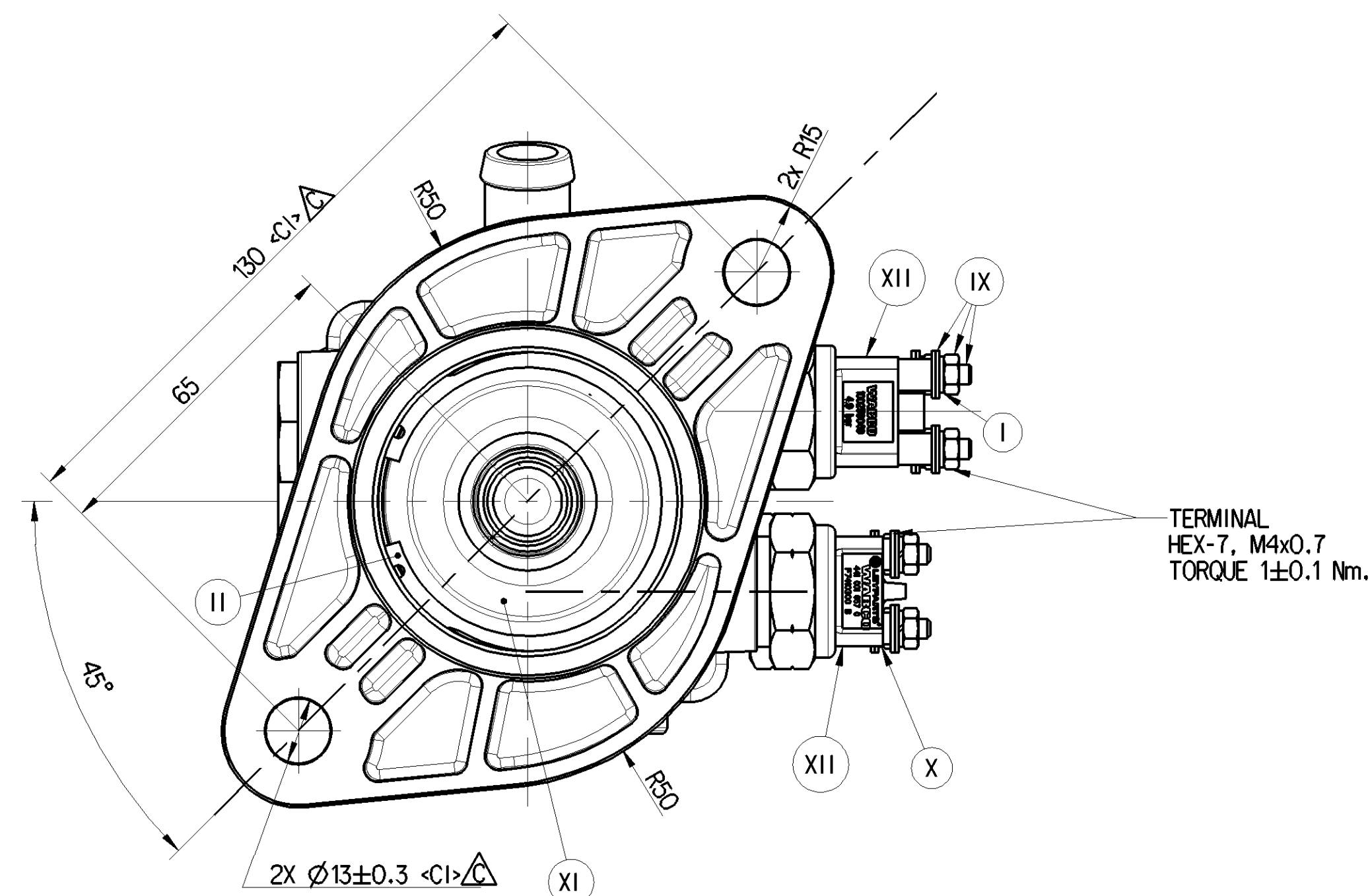
DESCRIPTION	M22x1.5 VOSS PART No.	M16x1.5 VOSS PART No.
MALE NUT WITH O-RING	00 62 03 99 00	00 62 02 99 00
RETAINER CLIP	00 62 01 90 00	00 62 00 90 00
SPRING ELEMENT	00 62 05 99 00	00 62 04 99 00



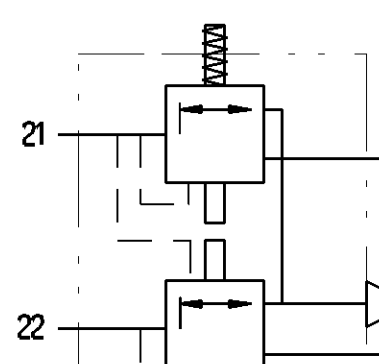
VIEW P
NAME PLATE DETAILS
2:1



VIEW Q



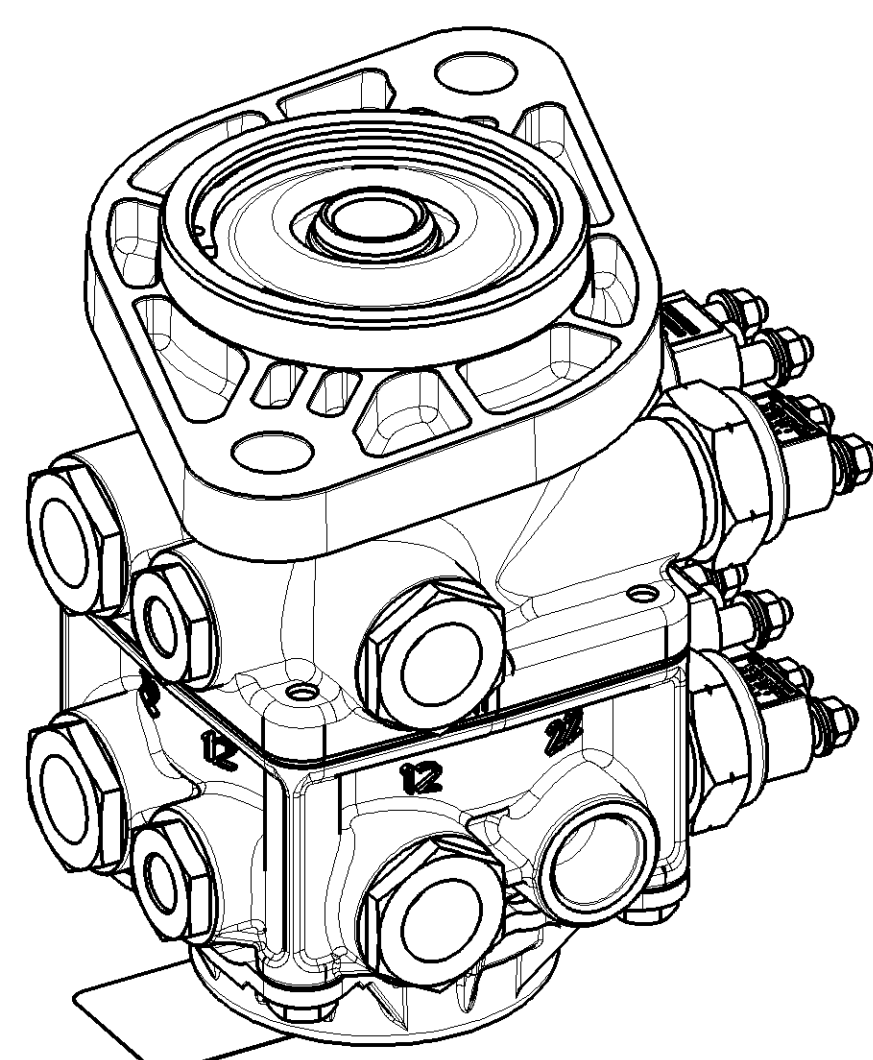
TERMINAL
HEX-7, M4x0.7
TORQUE 1 ± 0.1 Nm.



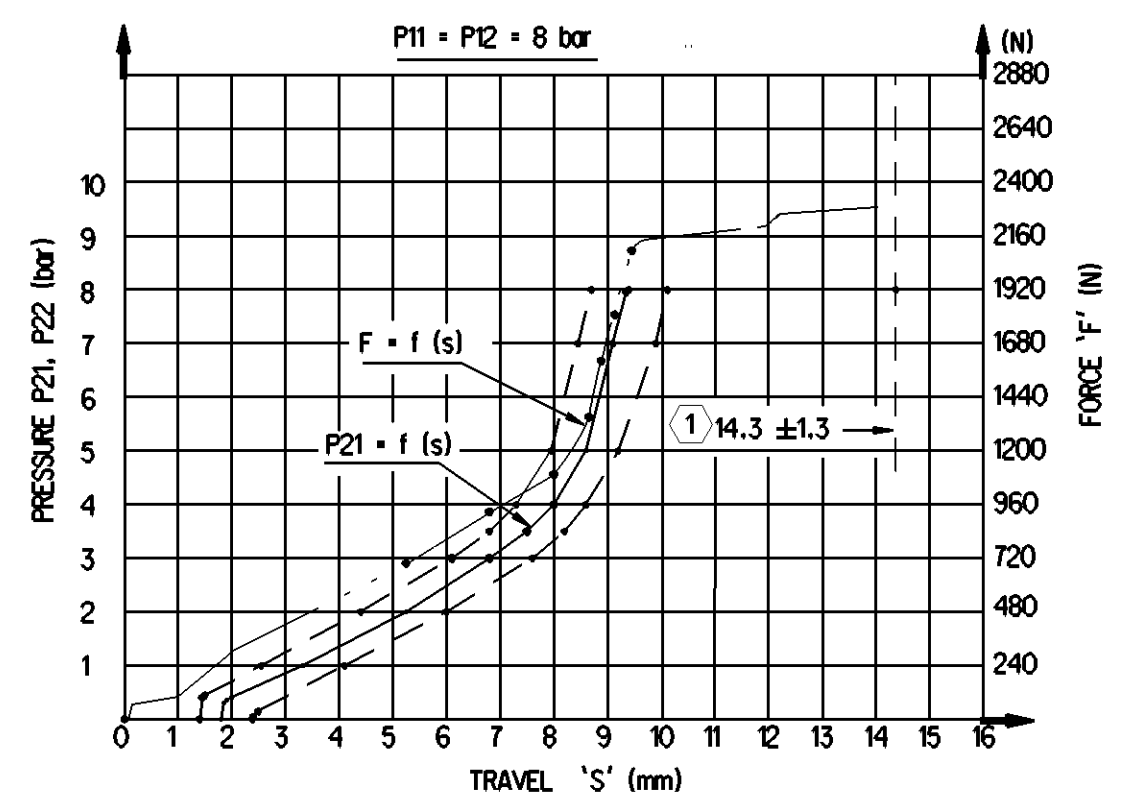
CIRCUIT DIAGRAM

11/12 - INLET
21/22 - DELIVERY
3 - EXHAUST

PRODUCT / DETAILS	L.P.SWITCH	S.L.SWITCH
CONTACT CLOSING PRESSURE (bar)	4.9±0.5	0.5 MAX
PSSC	100250040____035	4410010570____035
PART No.	M250040	4410010570
WEIGHT	50 g	51 g



PERFORMANCE CHARACTERISTICS



AT FAILURE OF { NECESSARY TRAVEL $S \geq 14 \text{ mm}$
FOR P22 = P12
NECESSARY FORCE $F = 3400 \text{ N}$ }

BIAS (P21-P22) $\leq 0.2 \text{ bar}$

1 STOP PROVIDED WITHIN THE VALVE

Sl.No.	NOTES
1	PRODUCT FUNCTION AND RELIABILITY
1.1	WORKING MEDIUM
1.2	NORMAL WORKING PRESSURE
1.3	MAXIMUM OPERATING PRESSURE (TEMPORARILY)
1.4	EQUIVALENT FLOW DIAMETER
1.5	THERMAL RANGE OF APPLICATION
1.6	INSTALLATION POSITION
1.7	CORROSION RESISTANCE
2	QUALITY COMPLIANCE PLAN TESTS ARE CONDUCTED REGULARLY AS PER CLAUSE No.06 OF PS 461 100 C09 0
3	SERVICE LIFE TO FIRST OVERHAUL 2 YEARS / 180000 KM WHICHEVER IS EARLIER FOR AIR DRYER OR DDU FITTED VEHICLE
4	1 YEAR/80000 KM WHICHEVER IS EARLIER FOR NON AIR DRYER OR NON DDU FITTED VEHICLE
5	OPEN PORTS/MALE THREADS ARE FITTED WITH CLOSURE PLUGS FOR STORAGE AND TRANSIT PURPOSES

Part Number: 100 805, 401 254-1, 50 14045 UF Further Technical Data: 401 100 009 0		Copyright © WABCO			
Part Code: 035		Sheet: 01 To: 05		FOOT BRAKE VALVE	
General Tolerances: EN 2681		2002-07-20 KARTHC		2002-07-20 GOLD P	
Range of nominal dimensions in mm: f50 to 80		Dimensions in mm: 1.1 to 2.1		Metric No.	
Class 11	50 ± 50 ± 80 ± 400 ± 400	Min. 1.1	1.1	461 100 087 0	005 EN 1/1
Medium	a0.5 ±1 ±1.5 ±2 ±2.5	1.1	2.1		
Fine	±1 ±1.5 ±2 ±2.5 ±3 ±3.5	1.1	2.1		
Coarse	±1 ±1.5 ±2 ±2.5 ±3 ±3.5	1.1	2.1		
Tapped holes: Class 11		A O CREO		DIN-Nr. Revision Techn. Resp.	
11 Tolerances: Class Applied: Unspecified		511328 11 511328		51800.WIN	