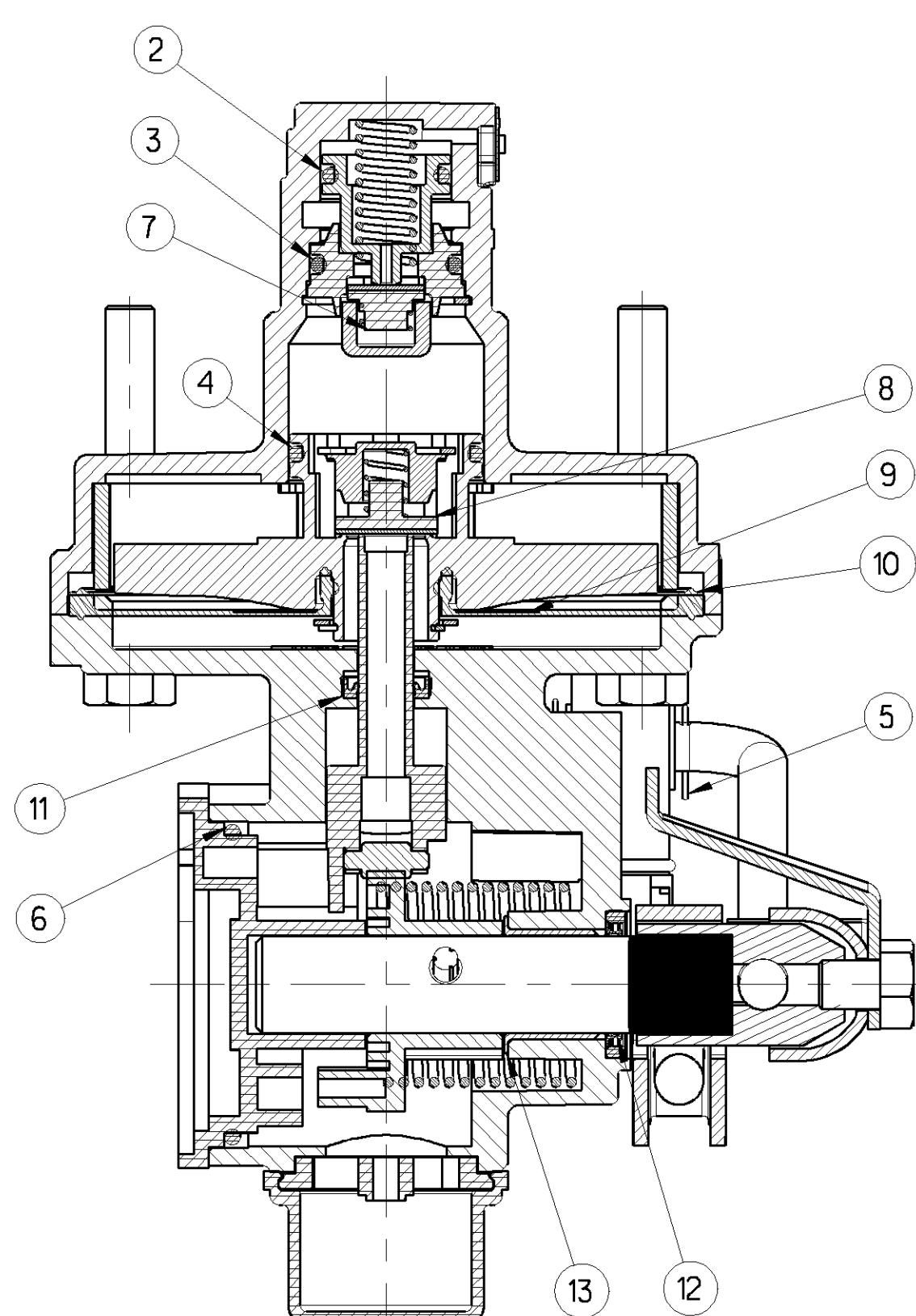
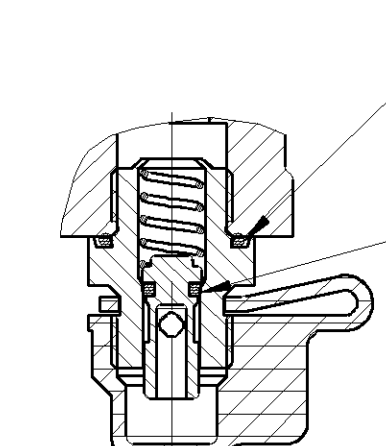
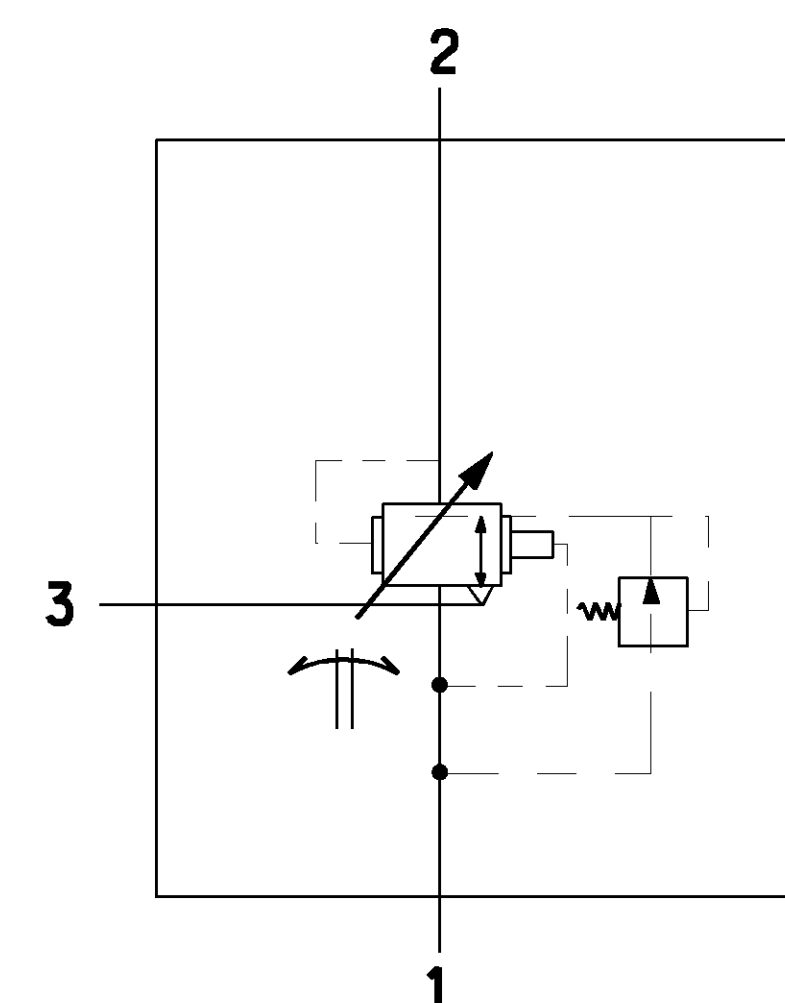


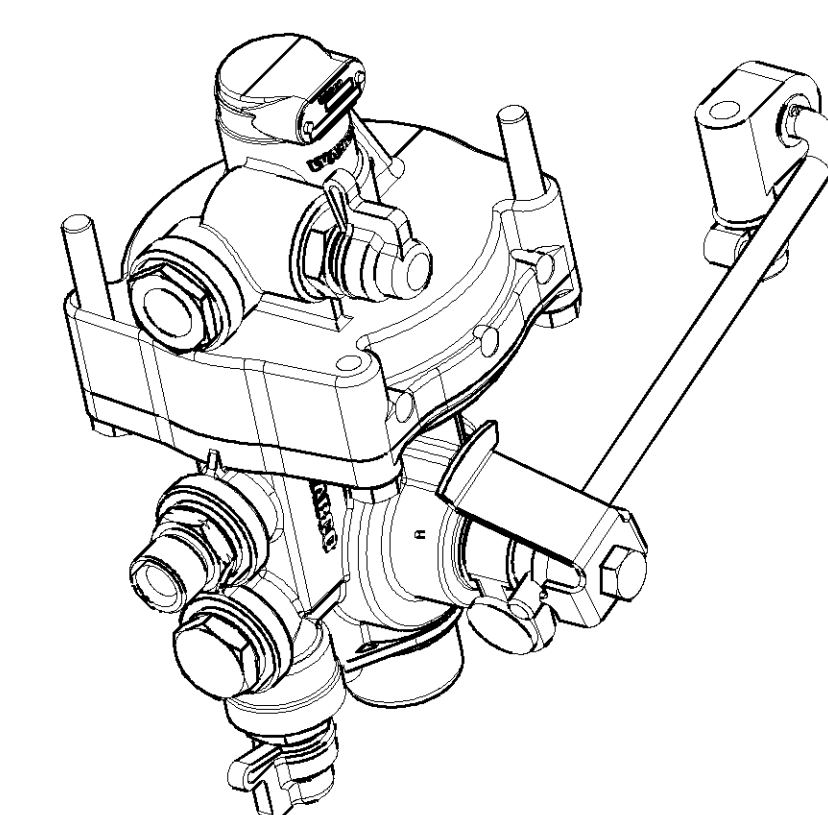
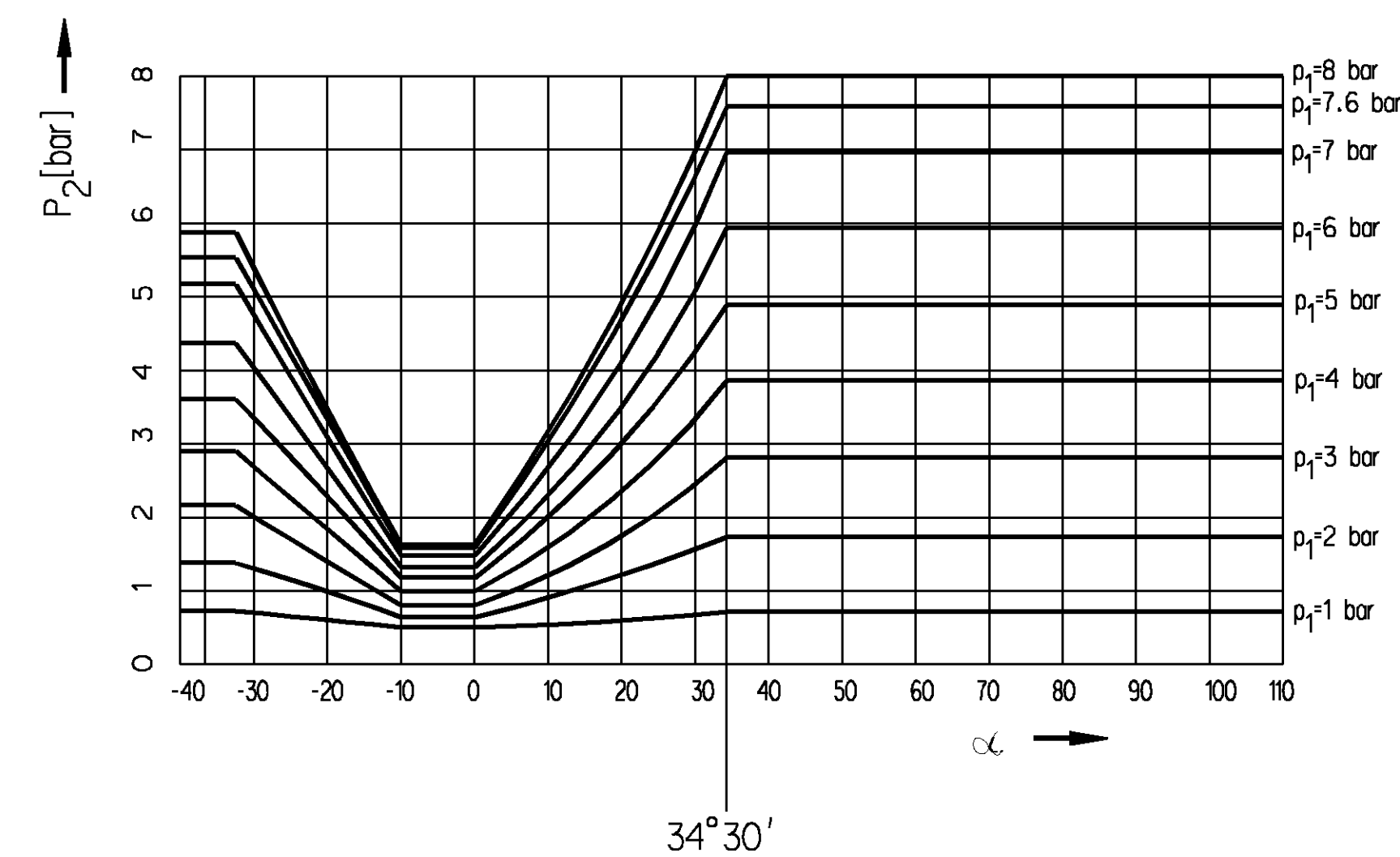
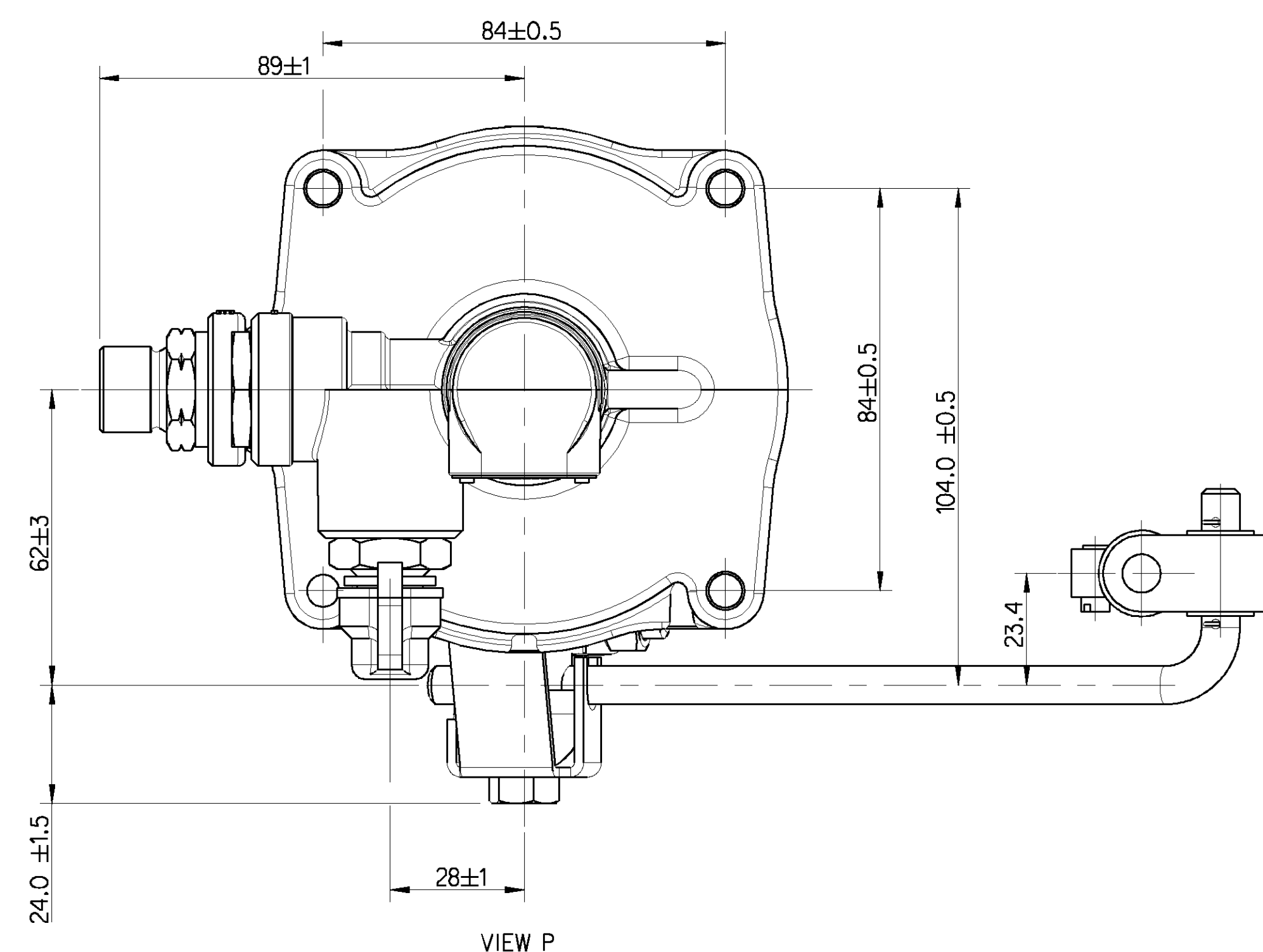


MSP 3/99 REPAIR KIT CONSISTS OF ITEMS SHOWN				
ITEM No.	AL PART No.	WABCO PART No.	DESCRIPTION.	QTY.
1		M910390	SEALING RING	2
2		M933470	SEALING RING	1
3		M933460	SEALING RING	1
4		M933480	SEALING RING	1
5		M923570	SPLIT PIN	2
6		M630530	SEALING RING	1
7		M31631	BONDED VALVE	1
8		M31610	BONDED VALVE	1
9		M339020	DIAPHRAGM DISC	1
10		M339090	DIAPHRAGM	1
11		M342040	SEAL	1
12		M339330	DUST SEAL	1
13		M339150	SPLIT BUSH	1
14		M932720	SPRING ELEMENT NG-12	1
15		M932730	RETAINING CLIP NG-12	1
16		M932700	SEALING RING NG-12	1
17		M335980	SEALING RING NG-12	1
18		M935990	SEALING RING NG-12	1
19		M910180	SEALING RING	2
20		M932760	SEALING RING NG-8	2
21		M932770	RETAINING CLIP NG-8	2
22		M932780	SPRING ELEMENT NG-8	2
23		M936000	SEALING RING NG-8	2
24		M936010	SEALING RING NG-8	2
25		M922300	GREASE SACHET	2

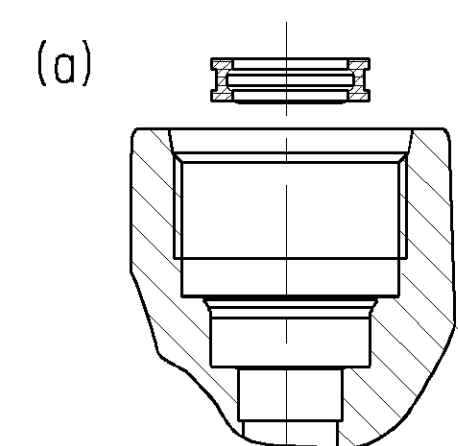
M932760, M932770, M932780, M936000, AND M936010 EACH TWO EXTRA PROVIDED IN THE KIT TO STANDARDISE THE REPAIR KIT FOR ALSV VARIANTS



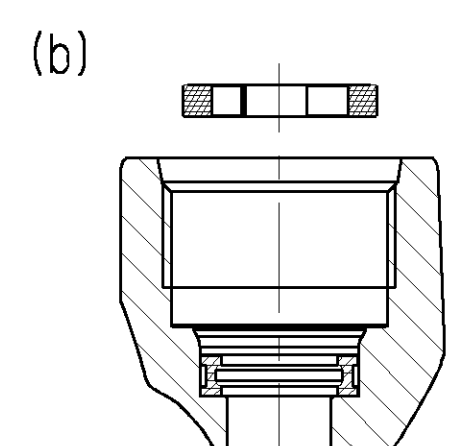
CIRCUIT DIAGRAM
1. INLET
2. DELIVERY
3. EXHAUST



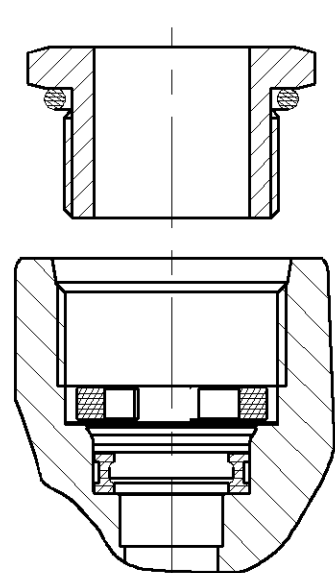
ASSEMBLY PROCEDURE



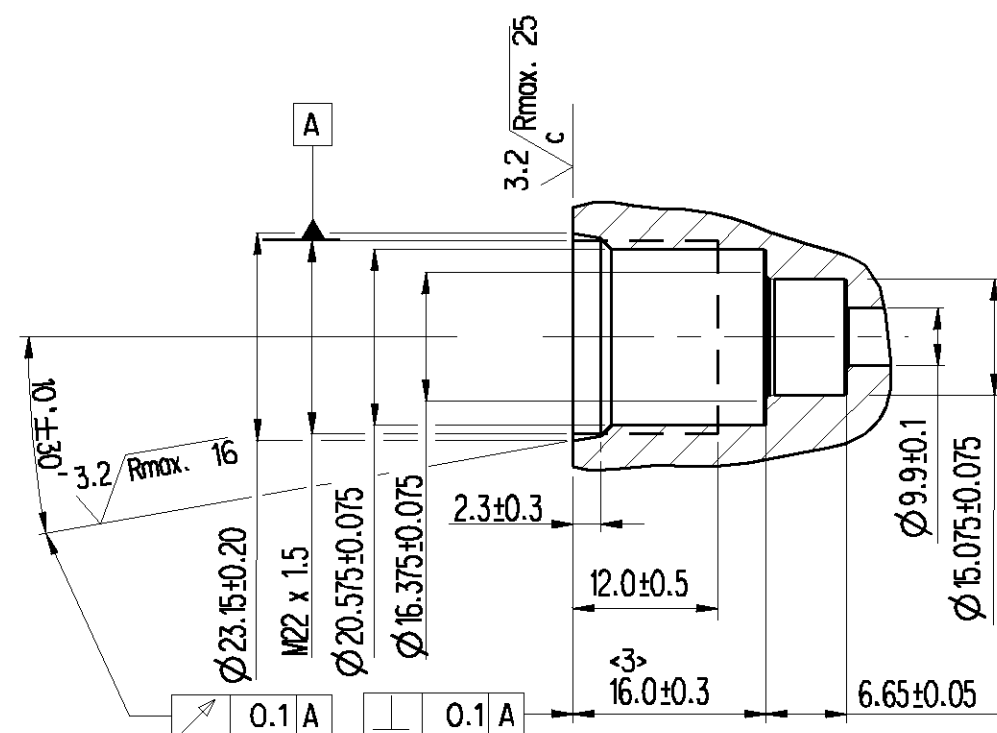
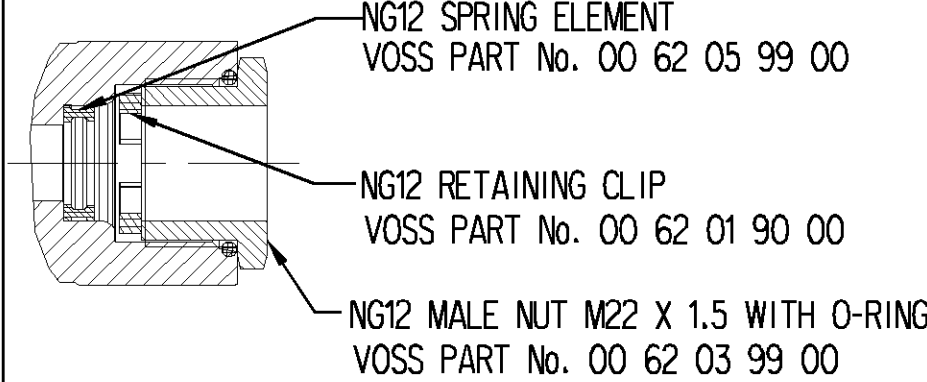
THE SPRING ELEMENT IS INSERTED INTO THE CHAMBER UNDER THE THREAD ROOT OF THE CONNECTION BORE (a) AND (b).



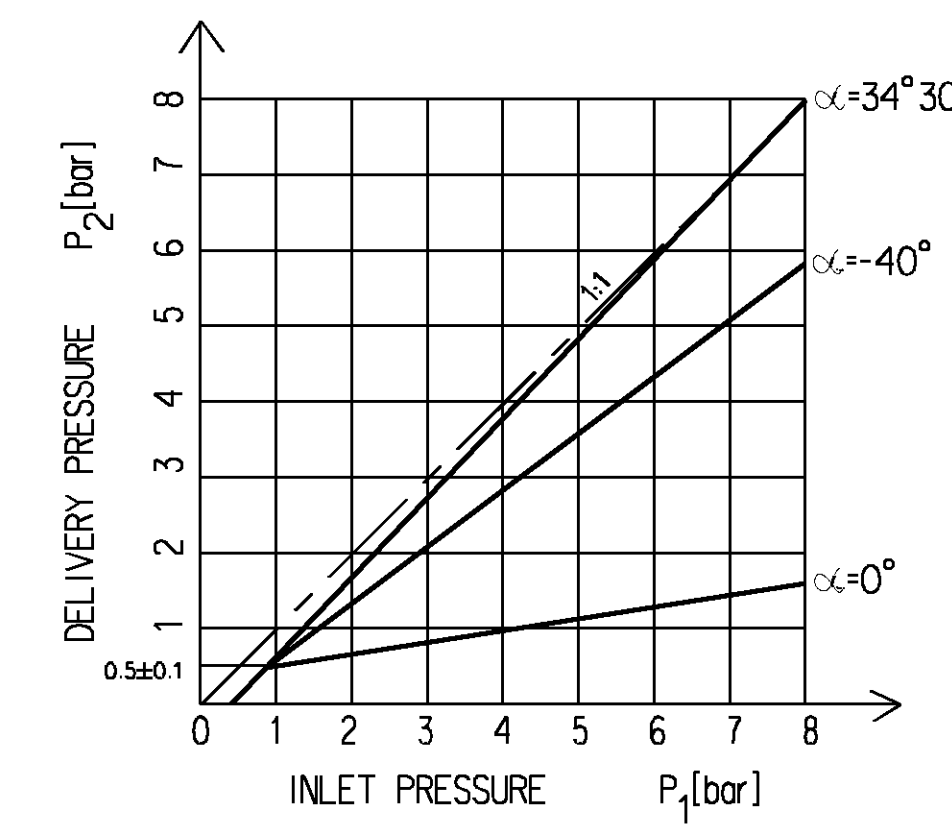
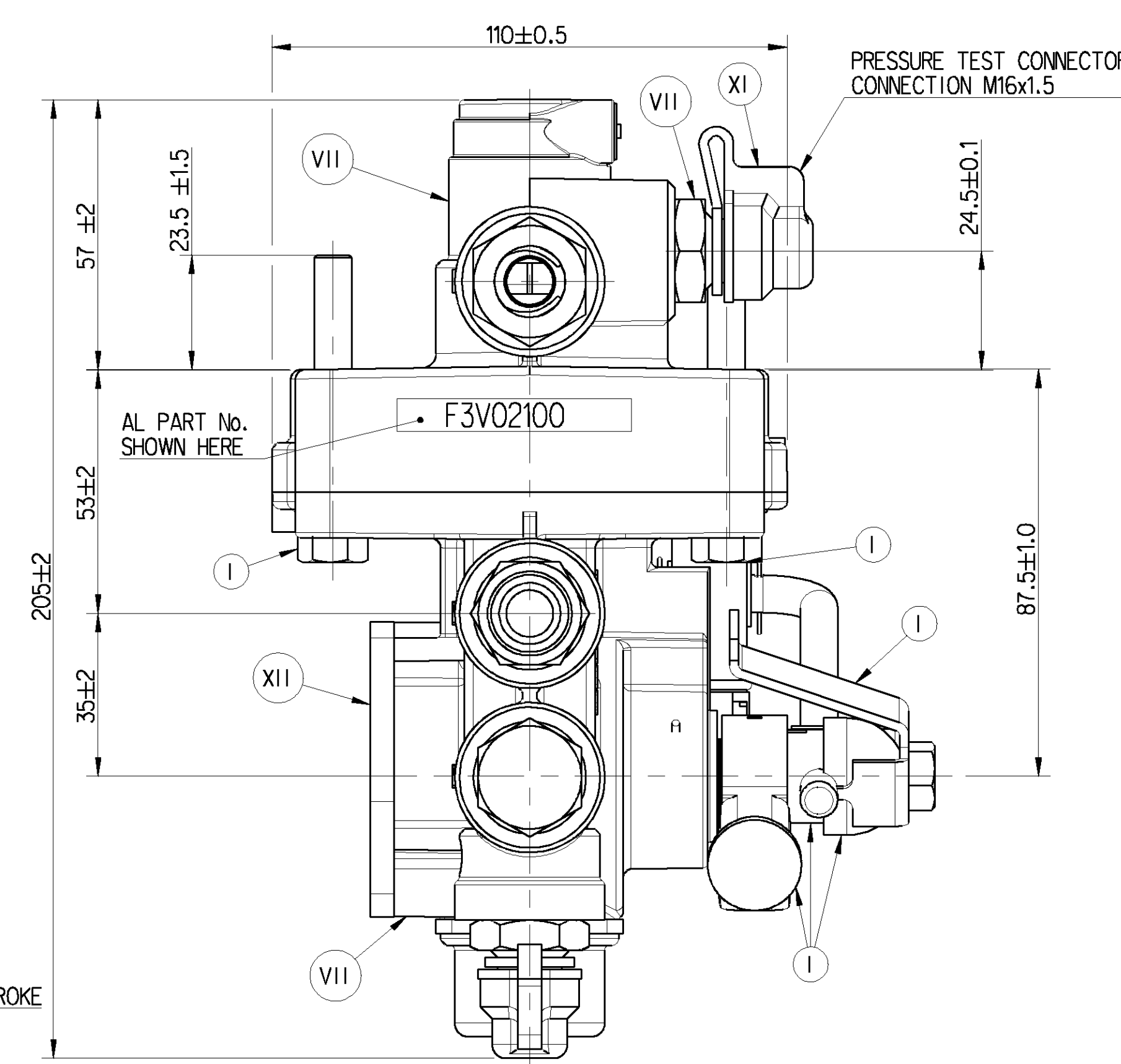
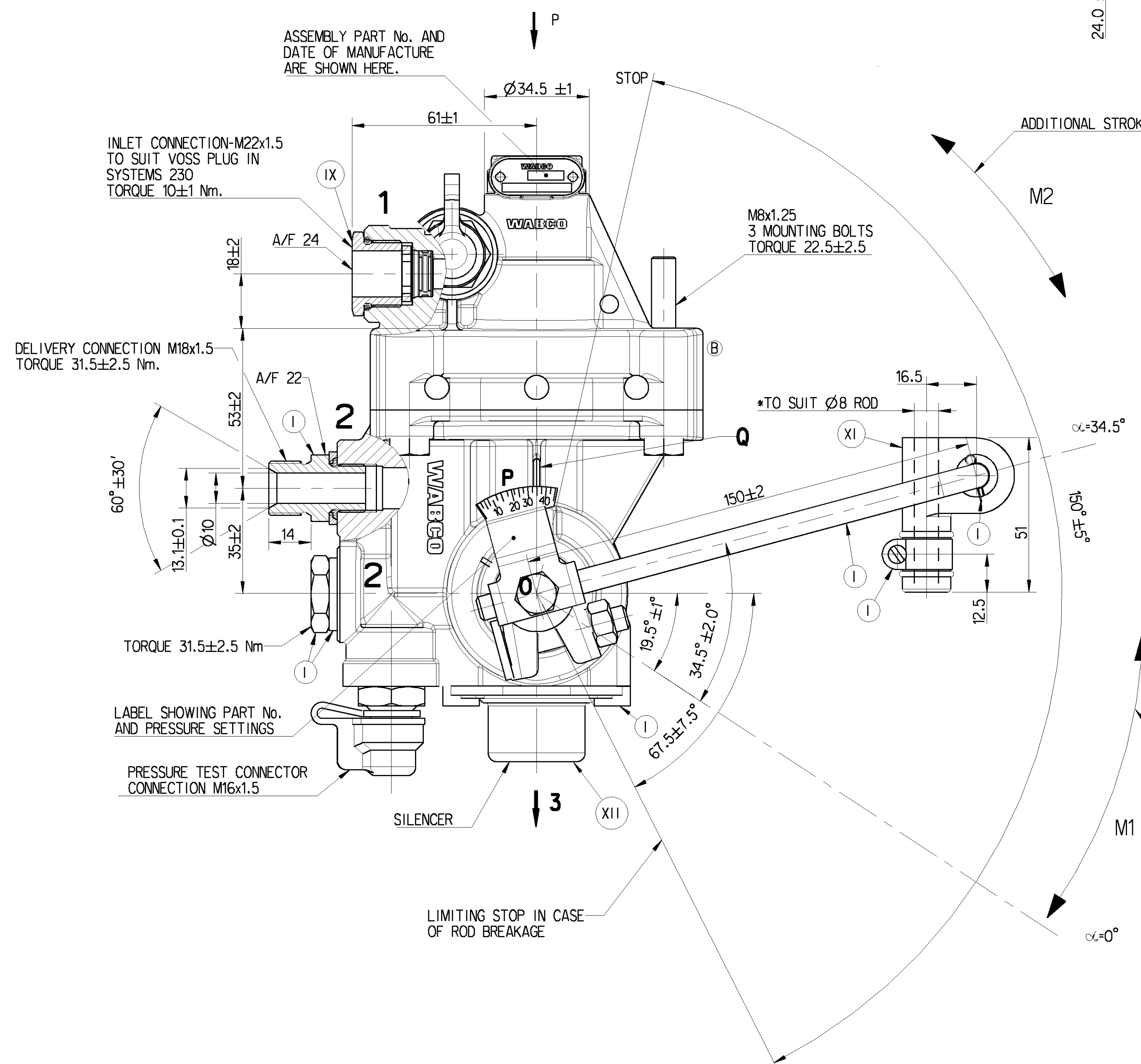
THE RETAINING CLIP IS INTRODUCED SO THAT IT RESTS FLAT ON THE THREAD ROOT (b) AND (c).
THE SPRING ELEMENT AND RETAINING CLIP ARE SYMMETRICAL.



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



S.No.	NOTES	
1	PRODUCT FUNCTION AND RELIABILITY	
1.1	PRODUCT SPECIFICATION No.	PS 475 800 004 O
1.2	WORKING MEDIUM	AIR
1.3	NORMAL WORKING PRESSURE	8 bar
1.4	MAXIMUM OPERATING PRESSURE	10 bar
1.5	EQUIVALENT FLOW DIAMETER	10 mm
1.6	NOISE LEVEL WHEN TESTED AS PER PS	≤72 dB(A)
1.7	THERMAL RANGE OF APPLICATION	-40°C TO +80°C
1.8	INSTALLATION POSITION	AS DRAWN
1.9	CORROSION RESISTANCE	SALT SPRAY TEST OF 240 HOURS IS MIN. APPLICABLE FOR LOWER BODY, UPPER BODY LEVER, SPLIT PIN, CAP, COLLET, ANGLE INDICATOR, CLAMPING RING AND FASTENERS
1.10	HYSTERESIS	±0.3 bar
1.11	SENSITIVITY	±0.15 bar
	1- INLET PRESSURE 2- DELIVERY PRESSURE 3- EXHAUST	
	M1 = NECESSARY DISPLACING MOMENT	1.7 Nm (p+O bar)
	M2 = ADMISSIBLE DISPLACING MOMENT	2.0 Nm
2	P = LOCATION REFERS '19.5' ON ANGLE INDICATOR Q = LOCATION REFERS PROJECTED EDGE ON LOWER BODY O = LOCATION REFERS CENTER OF LEVER CLAMPING RING WHEN P AND Q COINCIDE, THE DELIVERY PRESSURE SHOULD BE 3.7-4.0,25 bar FOR AN INLET PRESSURE OF 6.5 bar WHEN ANGLE BETWEEN OP AND OQ IS 17° ±1° THE DELIVERY PRESSURE SHOULD BE 6.4-6.20 1 bar FOR AN INLET PRESSURE OF 6.5 bar.	
3	MOUNTING OF THIS VALVE SHOULD BE WITHIN ±30° ANGLE WITH RESPECT TO VERTICAL.	
4	SERVICE LIFE TO FIRST OVERHAUL 2 YEARS / 180000 KM WHICHEVER IS EARLIER FOR AIR DRYER OR DOU FITTED VEHICLE 1 YEARS / 80000 KM WHICHEVER IS EARLIER FOR NON AIR DRYER OR NON DOU FITTED VEHICLE	
5	ROD SHOULD MOVE FREELY WHEN SCREW IS LOOSE AND SHOULD GRIP FIRMLY WHEN SCREW IS TIGHTENED.	
6	QUALITY COMPLIANCE TESTS WILL BE CARRIED OUT REGULARLY AS PER CLAUSE No.17 of PS 475 800 004 O	
7	OPEN PORTS/ MALE THREADS ARE FITTED WITH CLOSURE PLUGS/ CLOSURE SLEEVES FOR STORAGE AND TRANSIT PURPOSES.	

General Specifications				Copyright 1989																								
Part Number: JBC-339-A				Date: _____																								
Further Technical Data: PS 475 900 004 0				Sheet: _____																								
Doc. Code: 035				To: 11																								
General Tolerances: ISO-261																												
<table> <tr> <th colspan="2">Range of Nominal Dimensions (± mm)</th> <th rowspan="2">Tolerance</th> </tr> <tr> <th>1</th> <th>2</th> </tr> <tr> <td>1</td> <td>1.50 to 180</td> <td rowspan="4">±3⁺</td> </tr> <tr> <td>2</td> <td>1.50 to 180</td> </tr> <tr> <td>3</td> <td>0.5 to 1.5</td> </tr> <tr> <td>4</td> <td>0.5 to 1.5</td> </tr> <tr> <td>5</td> <td>1.0 to 2.0</td> <td>±3⁺</td> </tr> <tr> <td>6</td> <td>2.0 to 3.5</td> <td>±3⁺</td> </tr> <tr> <td>7</td> <td>3.5 to 5.0</td> <td>±3⁺</td> </tr> </table>						Range of Nominal Dimensions (± mm)		Tolerance	1	2	1	1.50 to 180	±3 ⁺	2	1.50 to 180	3	0.5 to 1.5	4	0.5 to 1.5	5	1.0 to 2.0	±3 ⁺	6	2.0 to 3.5	±3 ⁺	7	3.5 to 5.0	±3 ⁺
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Class 11 Fine Medium Coarse Tapped Holes acc. ISO 918 1 2 3 4 5 6 7 ±3⁺																												
1 2 3 4 5 6 7 1 2 3 4 5 6 7 ±3⁺																												

0 x <1> - LACK OF PERSONAL SAFETY

0 x <2> - MAJOR BREAKDOWN

1 x <3> - LOSS OF PERFORMANCE

XVI	STEEL	NO TREATMENT
XV	CAST 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	PLATED WITH ZINC-IRON PLATED WITH PASSIVATION
PART CODE	MATERIAL	SURFACE PROTECTION

La Commissione si riserva il diritto di accettare, con limitazioni, la comunicazione di dati contenuti nei file medici, dal momento che questi non sono considerati in alcun modo di essere un elemento di diagnosi e di trattamento. Inoltre, la Commissione può accettare la comunicazione di dati contenuti in file medici, se questi sono destinati a scopi di ricerca e di diagnosi, e se la loro comunicazione è necessaria per la diagnosi e il trattamento di una malattia.	Ma è permesso comunque a terzi o a persone che questi documenti, se ritengono il beneficio e il rispetto comunque non a loro scopo di diagnosi e di trattamento. Una persona che ha questi documenti, se ritengono il beneficio e il rispetto comunque non a loro scopo di diagnosi e di trattamento. Una persona che ha questi documenti, se ritengono il beneficio e il rispetto comunque non a loro scopo di diagnosi e di trattamento.
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