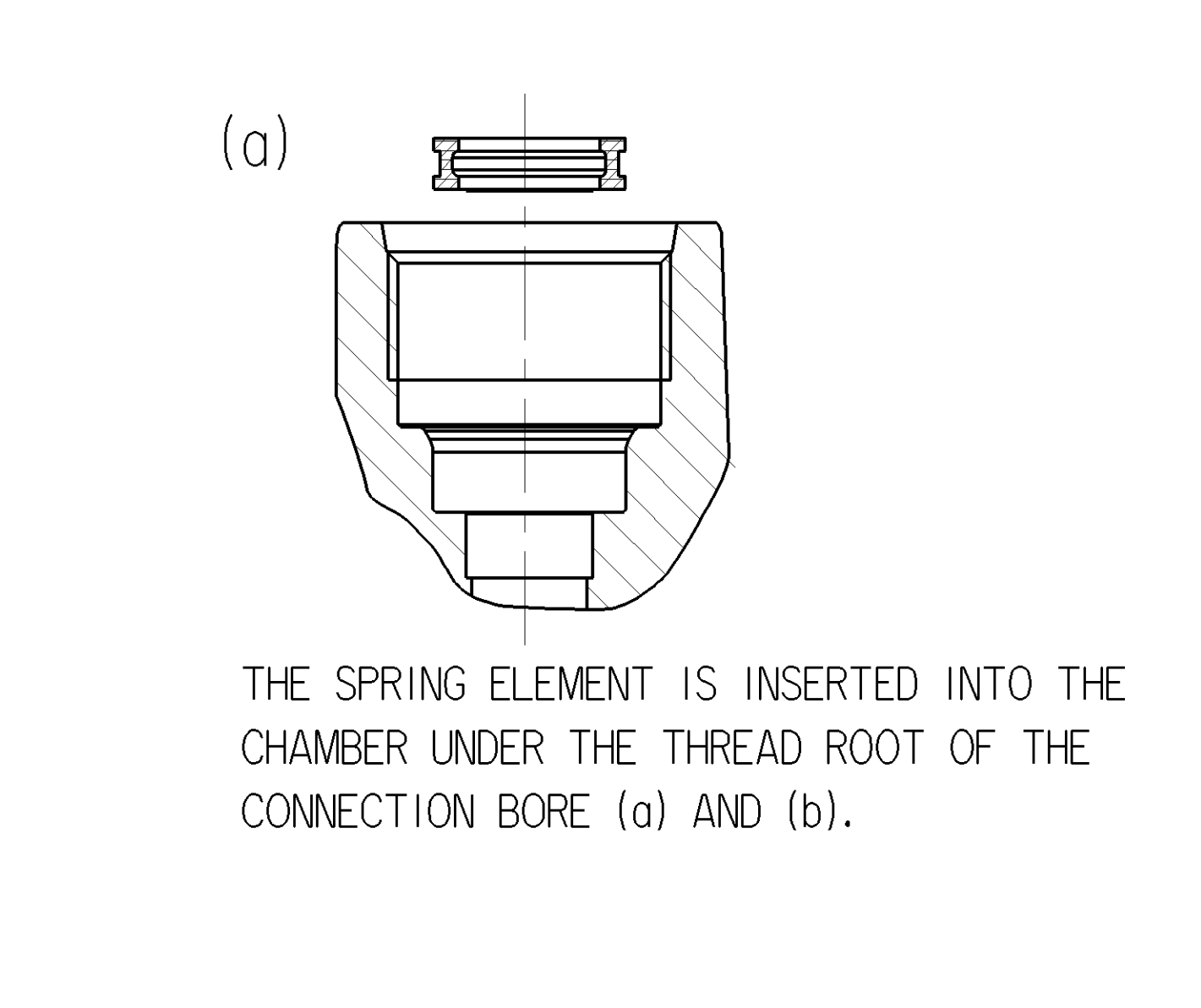
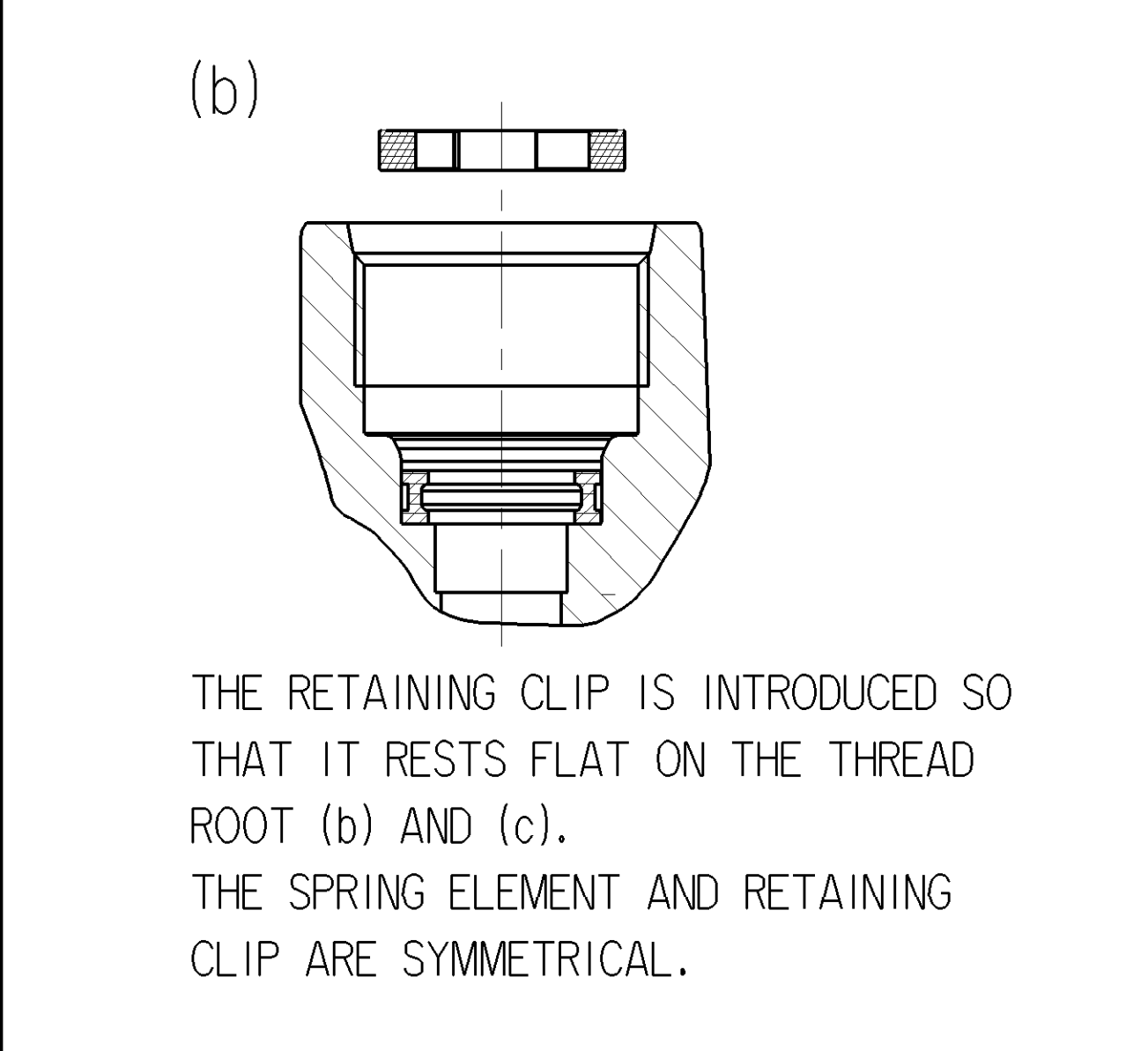


ASSEMBLY PROCEDURE



(a)

The diagram shows a cross-section of a mechanical assembly. A central vertical axis is indicated by a dashed line. A cylindrical component with a threaded section is shown. A rectangular chamber is located under the thread root. A spring element, represented by a coiled wire, is inserted into this chamber. The spring element is positioned such that it is compressed between the bottom of the chamber and the bottom of the threaded section.

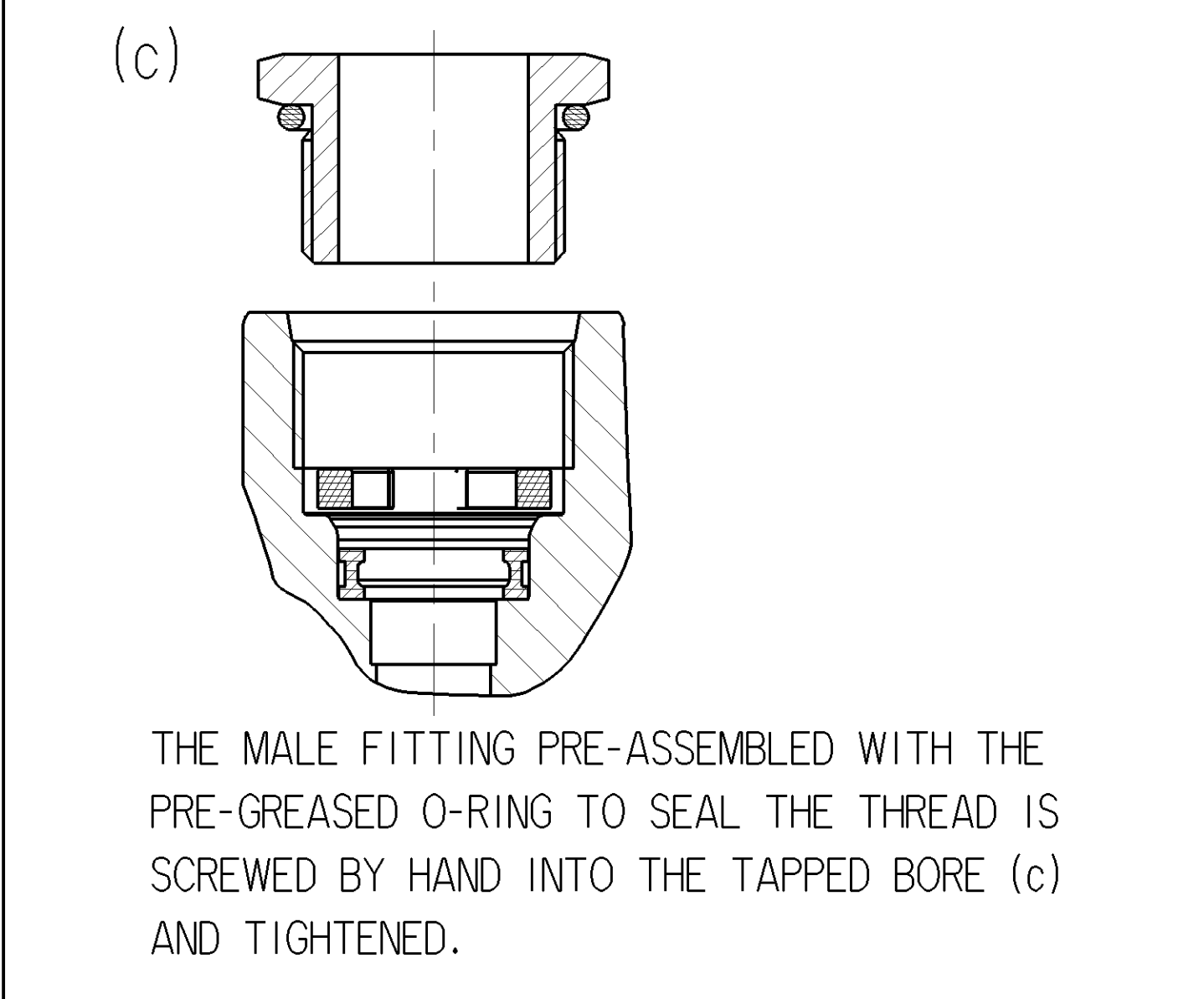


(b)

Diagram (b) illustrates the assembly process. A retaining clip, shown as a small rectangular component with hatching, is positioned above the thread root. Below it, a cross-sectional view shows the clip being introduced into the space between the spring element and the retaining clip, resting flat on the thread root.

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.



(c)

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.

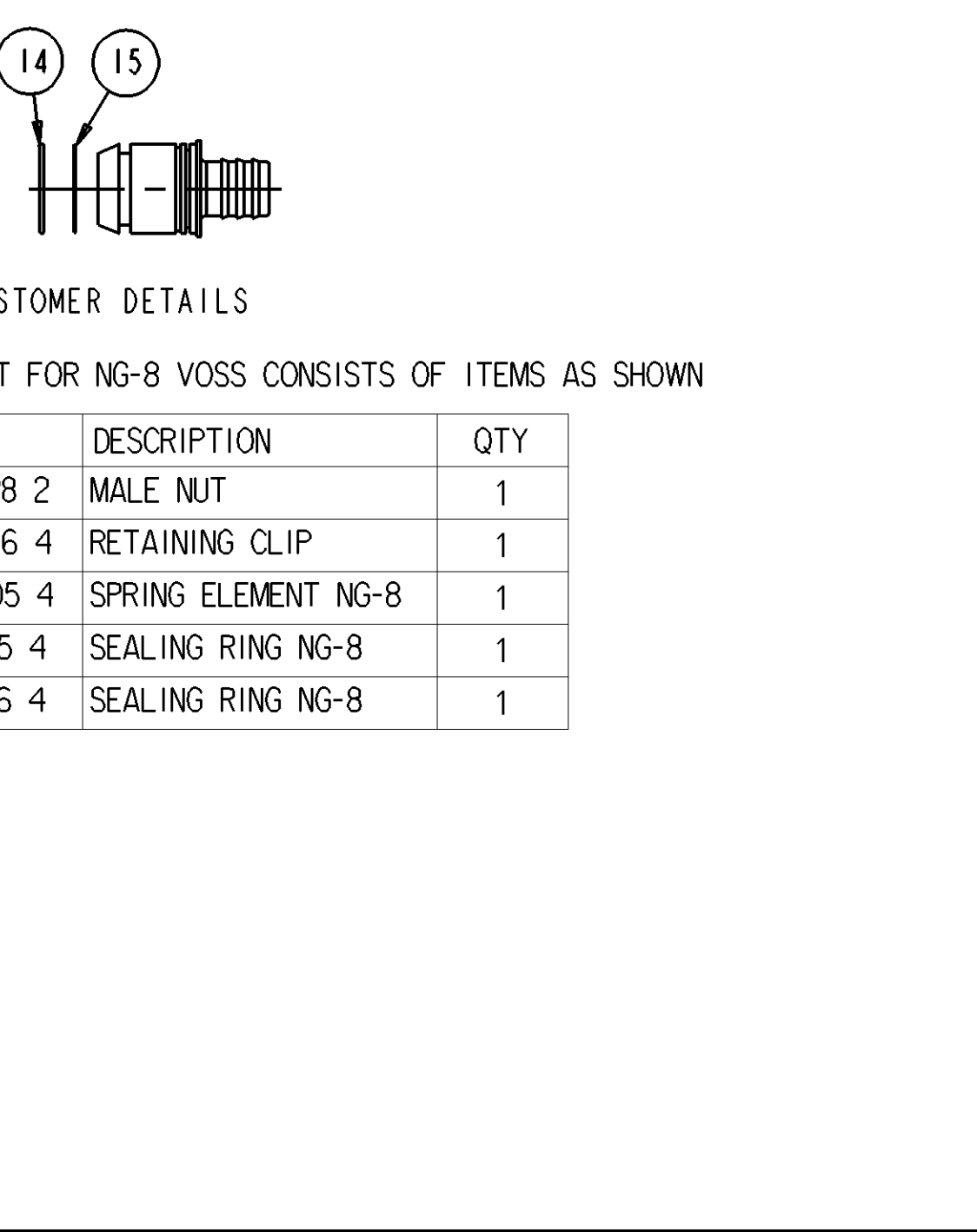
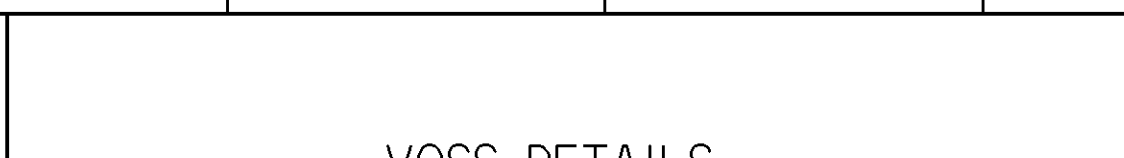
[illegible]

Diagram illustrating the exploded view of the NG-8 VoSS assembly. Callout 14 points to the male nut, and callout 15 points to the retaining clip.

Customer Details

For NG-8 VoSS consists of items as shown

	DESCRIPTION	QTY
8 2	MALE NUT	1
6 4	RETAINING CLIP	1
5 4	SPRING ELEMENT NG-8	1
5 4	SEALING RING NG-8	1
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MSP 25/103 REPAIR KIT CONSISTS OF ITEMS SHOWN			
Sl. No.	PART No.	DESCRIPTION	QTY
1	8971500444	LIP SEAL	1
2	8960701324	SPRING	1
3	8975700234	WIPER SEAL	1
4	4214292234	BREATHER	1
5	4214292244	STRAINER	1
6	8924000014	LOCKING RING	1
7	4219052024	BUSH	1
8	8919900444	PREVAILING TORQUE NUT	1
9	M939340	SILICONE GREASE	1

THE FOLLOWING ARE INDIVIDUAL SERVICEABLE PARTS

10	8979901014	O-RING	
----	------------	--------	--

EACH INDIVIDUAL SERVICEABLE PART REQUIRED IS MAXIMUM 1 IN QUANTITY

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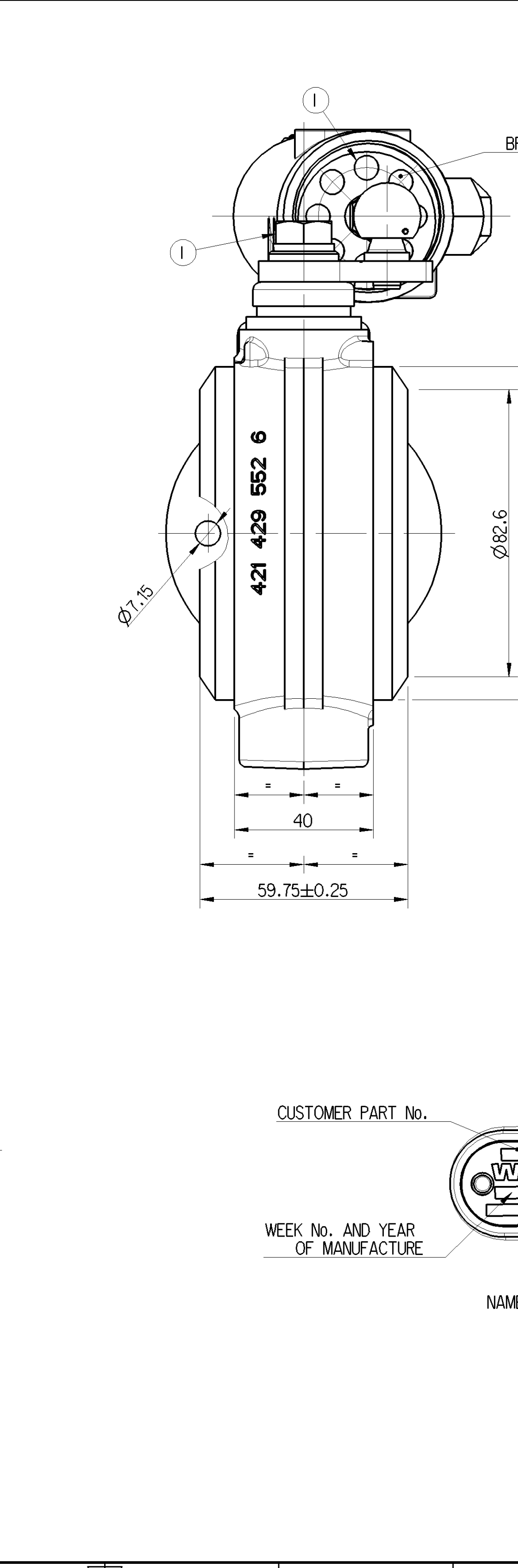
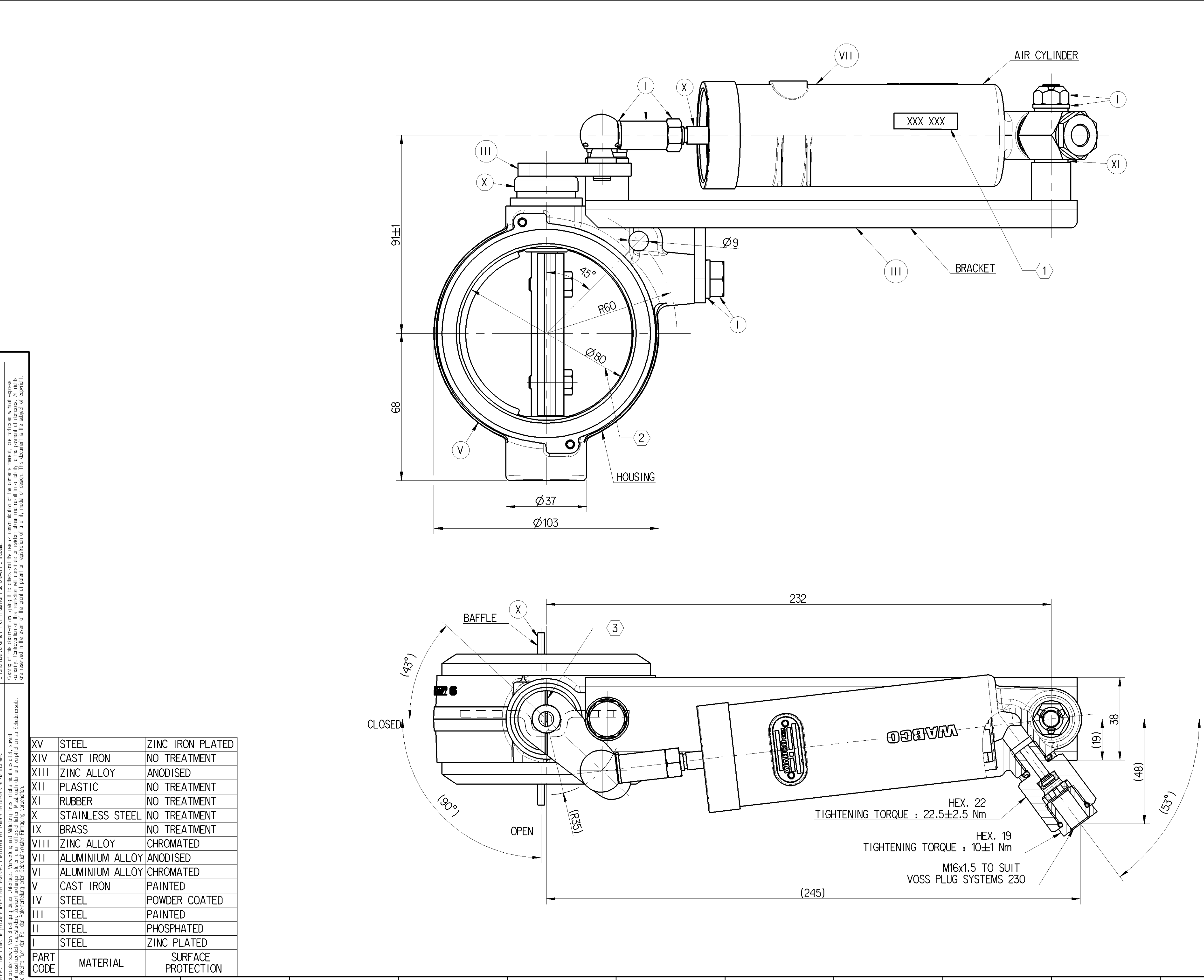
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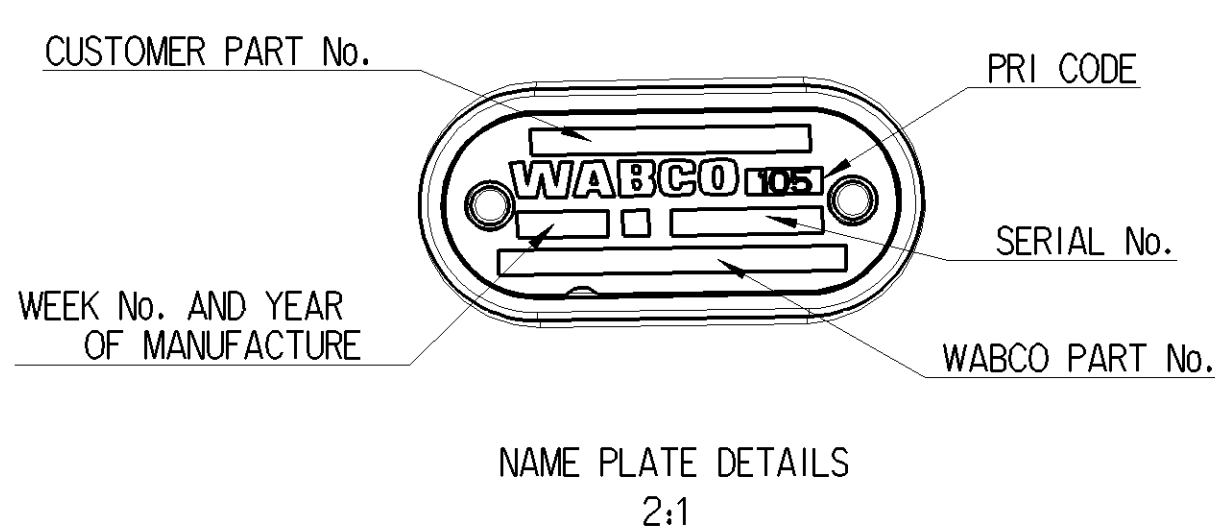
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A diagram of a WABCO nameplate with the following labels and arrows pointing to specific fields:

- CUSTOMER PART No.**: Points to the top-most field.
- PRI CODE**: Points to the top-right field.
- WABCO 106**: The central logo.
- SERIAL No.**: Points to the field below the logo.
- WABCO PART No.**: Points to the bottom-most field.
- WEEK No. AND YEAR OF MANUFACTURE**: Points to the field on the left side.

NAME PLATE DETAILS
2:1



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NAME PLATE DETAILS
2:1

NOTES:

1. CUSTOMER PART NUMBER LABEL TO BE PASTED.
2. SURFACE TO BE COATED WITH RUST PREVENTIVE OIL CASTROL DW 901 OR EQUIVALENT.
3. NOTCH IS PARALLEL TO THE POSITION OF BAFFLE PLATE.

NOTES:

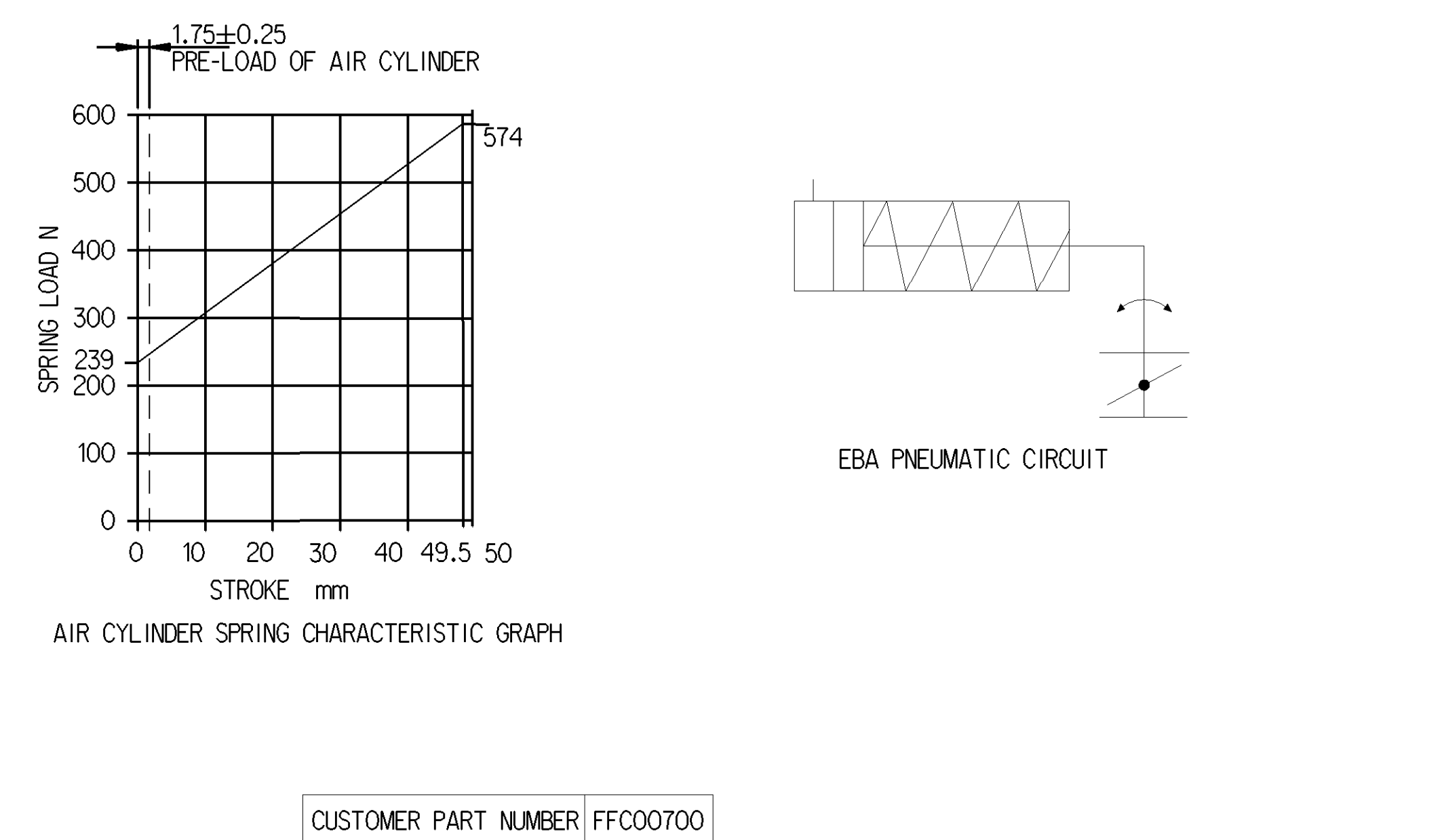
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1.75±0.25
PRE-LOAD OF AIR CYLINDER

The graph plots Spring Load (N) on the y-axis (0 to 600) against Stroke (mm) on the x-axis (0 to 50). A linear line starts at (0, 239) and ends at (50, 574). The pneumatic circuit diagram shows a cylinder with a spring return, a 3/2-way valve, and a solenoid.

Stroke (mm)	Spring Load (N)
0	239
10	298
20	357
30	416
40	475
50	534

574

534

500

400

300

200

100

0

0 10 20 30 40 49.5 50

STROKE mm

SPRING LOAD N

EBA PNEUMATIC CIRCUIT

CUSTOMER PART NUMBER	FFC00700
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CUSTOMER PART NUMBER FFC00700	
Sl No.	NOTES
1	WORKING MEDIUM AIR
2	NORMAL WORKING PRESSURE 8 bar
3	MAXIMUM WORKING PRESSURE 10 bar
4	THERMAL RANGE OF APPLICATION -25°C TO +150°C (WITHOUT VOSS FITTING) -25°C TO +100°C (WITH VOSS FITTING)
5	AIR CYLINDER BORE DIAMETER 40 mm
6	STROKE 49.5±1.5 mm
7	SALT SPRAY TEST 300 HOURS OF NSS IS APPLICABLE FOR BRACKET 240 HOURS MINIMUM OF NSS IS APPLICABLE FOR LEVER, ADAPTOR AND FASTENERS
8	OPEN PORT AND HOUSING ARE FITTED WITH CLOSURE SLEEVE AND CLOSURE COVERS RESPECTIVELY FOR STORAGE AND TRANSIT PURPOSES
9	DURING INSTALLATION, ORIENT THE EXHAUST ASSEMBLY IN SUCH A WAY THAT THE AIR CYLINDER IS IN THE INCLINED CONDITION AND THE BREATHER PORTION IS FACING DOWNWARDS TOWARDS THE GROUND
10	SERVICE LIFE TO FIRST OVERHAUL 2 YEARS / 18000 km WHICHEVER IS EARLIER FOR AIR DRYER OR DDU FITTED VEHICLE. 1 YEAR / 8000 km WHICHEVER IS EARLIER FOR NON AIR DRYER OR DDU FITTED VEHICLE.

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[illegible]

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

XV	STEEL	ZINC IRON PLATED
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