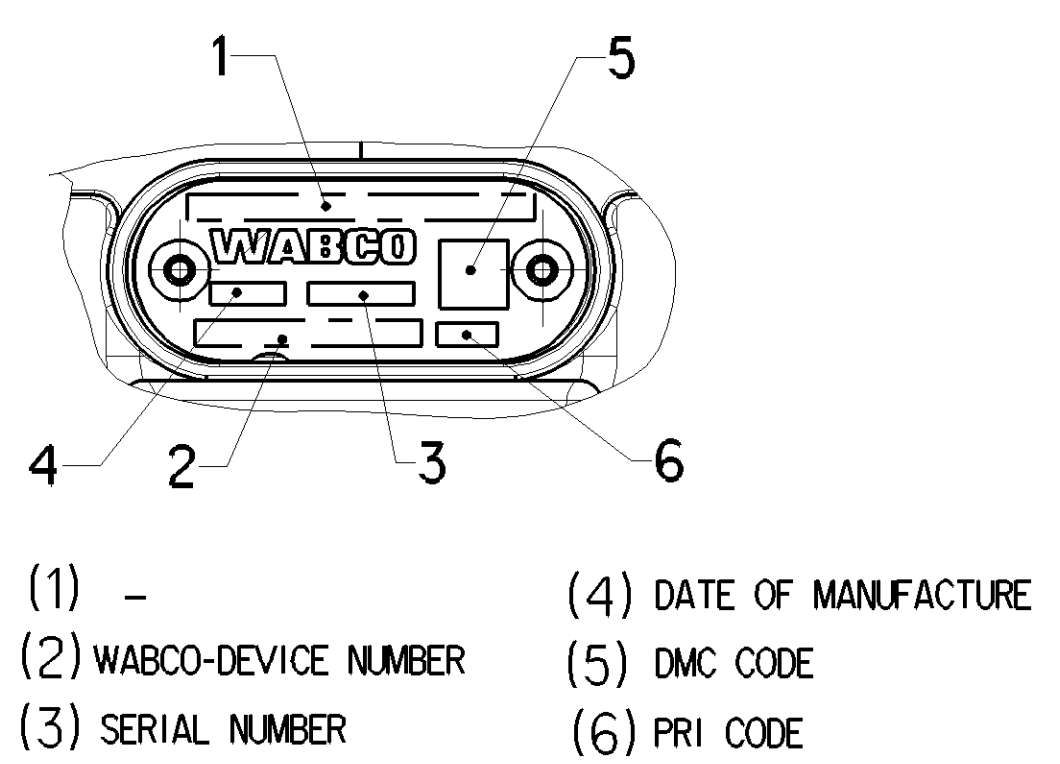


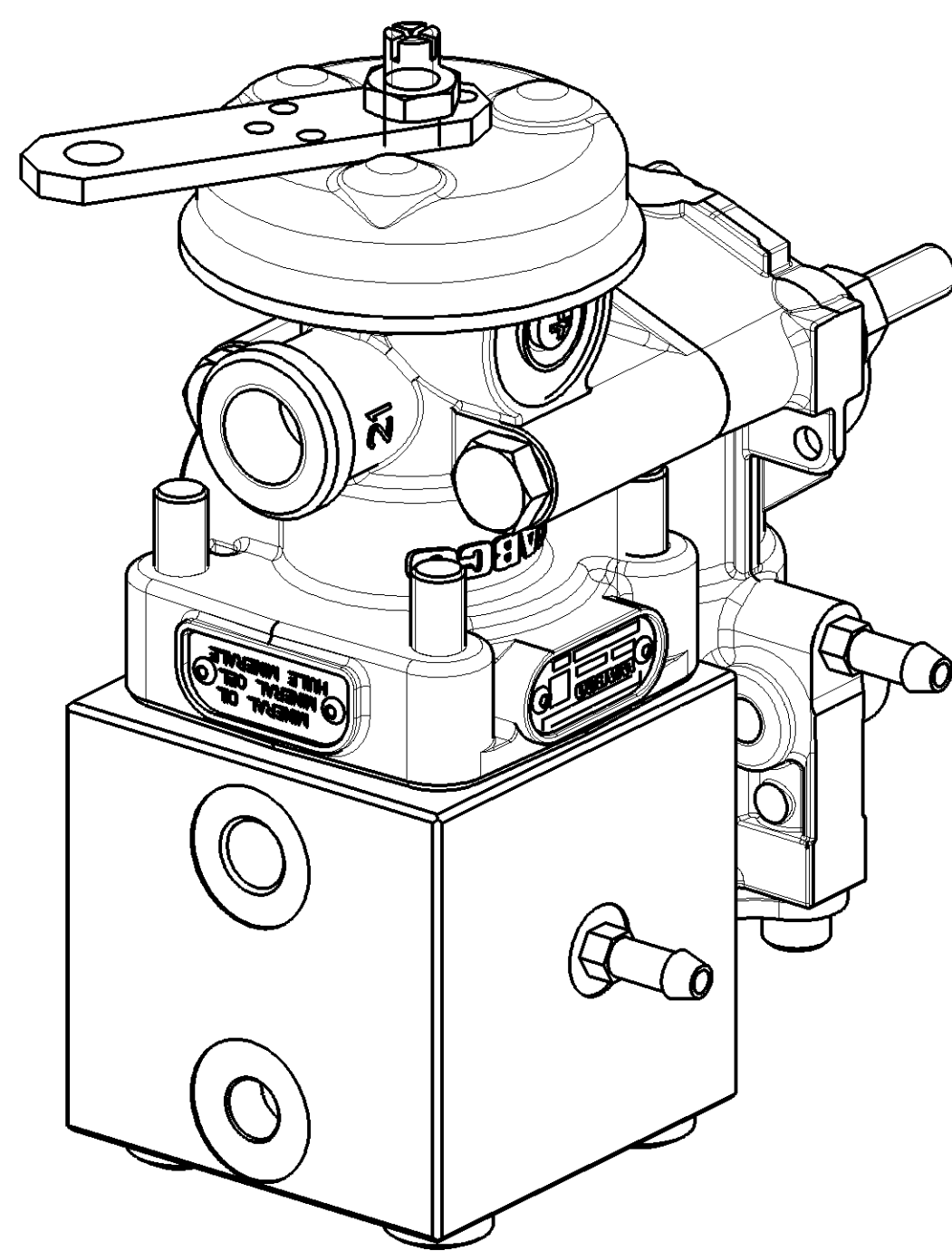
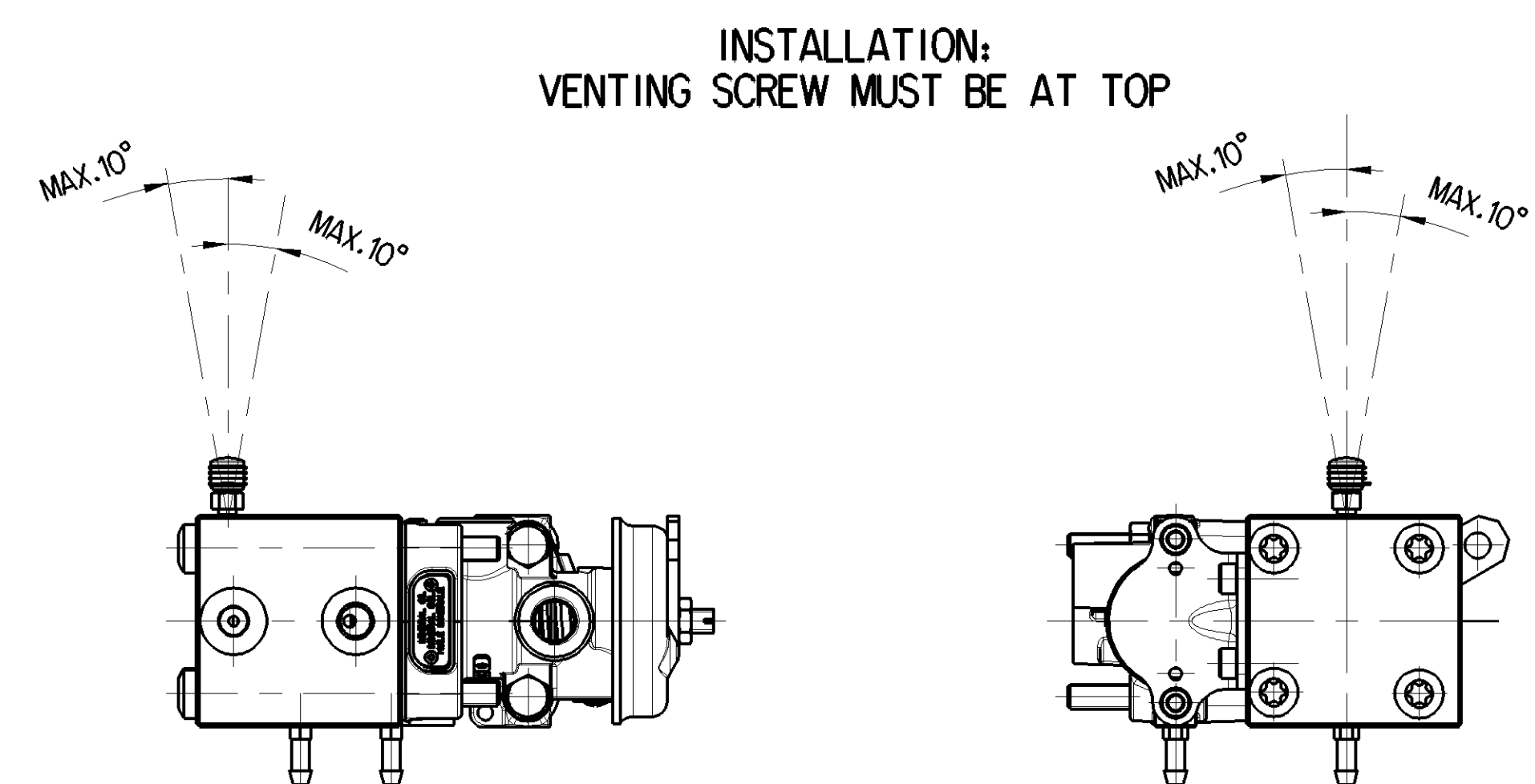
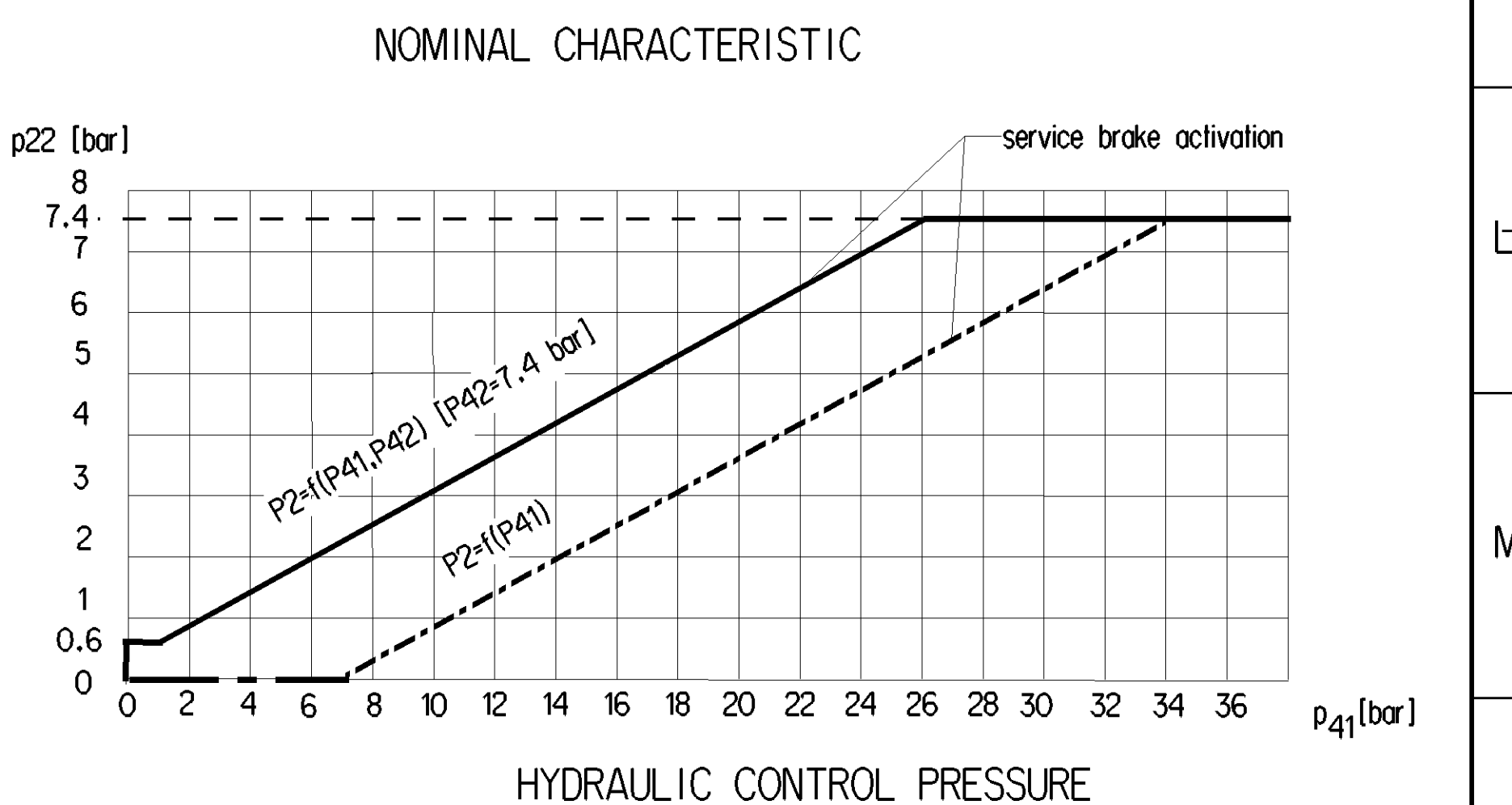
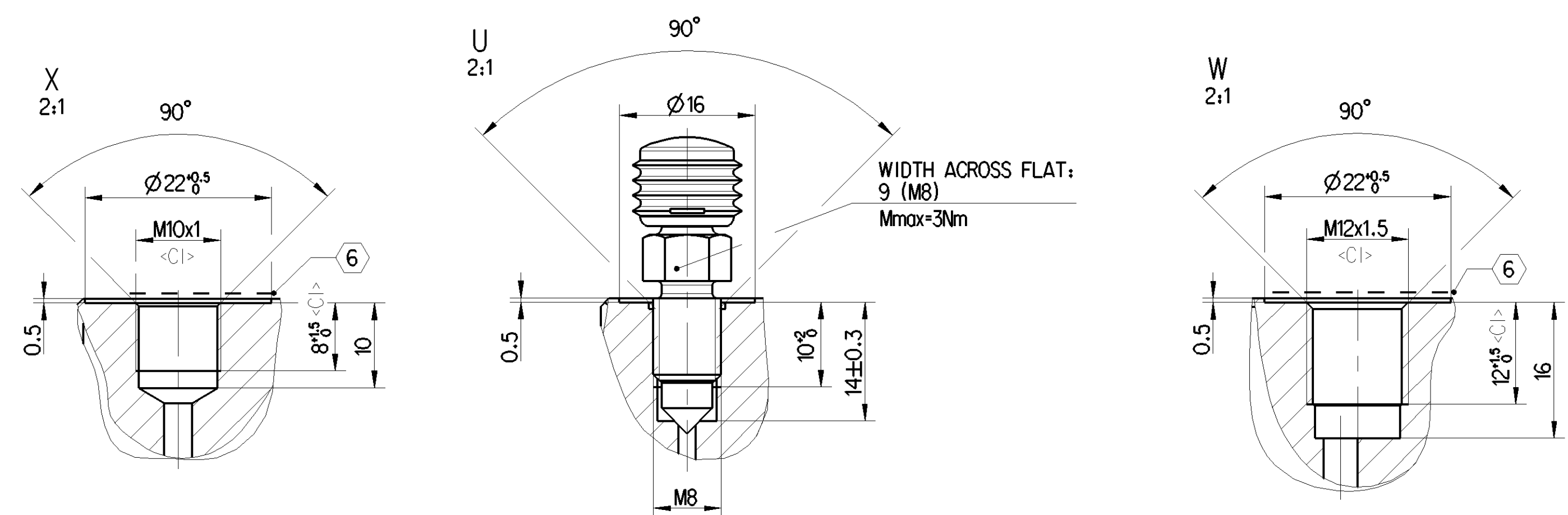


MEDIUM PNEUMATIC PART:	AIR
WORKING PRESSURE:	$p_{1/42} \max. = 8.5 \text{ bar}$
TEMPORARILY:	$p_{1/42} \max. = 10 \text{ bar}$
MEDIUM HYDRAULIC PART:	MINERAL OIL
WORKING PRESSURE:	$p_{41} \max. = 50 \text{ bar}$
TEMPORARILY:	$p_{41} \max. = 120 \text{ bar}$
HYDRAULIC WORKING VOLUME:	$p_{41} \leq 2.0 \text{ cm}^3$
RESIDUAL PRESSURE IN THE HYDRAULIC SYSTEM:	$p_{41} \leq 0.1 \text{ bar}$
THERMAL RANGE:	$-40^\circ\text{C} \dots +80^\circ\text{C}$
TEMPORARILY:	UNPRESSURIZED : 1h $+110^\circ\text{C}$

- | PART CODE | MATERIAL | SURFACE PROTECTION |
|-----------|-------------------------|--------------------------------------|
| I | ALUMINIUM ALLOY | PASSIVATION WITH CHROMIUM |
| II | FREE CUTTING STEEL | ZINC ALLOY COATING WITH PASSIVATION |
| III | ISOPRENE NATURAL RUBBER | - |
| IV | FREE CUTTING STEEL | PASSIVATION FOR ZINC ALLOY STEEL |
| V | PLAIN STEEL | PASSIVATION FOR ZINC ALLOY STEEL |
| VI | BOLT CLASS 8.8 | ZINC-NICKEL COATING WITH PASSIVATION |
| VII | NUT CLASS 8 | ZINC ALLOY COATING WITH PASSIVATION |
| VIII | NER | - |
| IX | NUT CLASS 4 | ZINC ALLOY COATING WITH PASSIVATION |
| X | UNALLOYED STEEL | ZINC ALLOY COATING WITH PASSIVATION |

Technical drawing of the Z series hydraulic cylinder, showing a side view with dimensions and labels. The drawing includes the following details:

- Labels:**
 - I**: Threaded mounting eye.
 - II**: Mounting flange.
 - III**: Mounting flange.
 - IV**: Mounting flange.
 - 3**: Mounting flange.
 - 45**: Mounting flange.
- Dimensions:**
 - 25**: Distance between mounting flanges.
 - 35**: Total length of the cylinder.
 - 4mm stroke**: Stroke length.



	I	II
POSITION OF LEVER	p1	7.4 bar
	p2	0 bar
		7.4 bar

T ADDITIONAL STROKE: MAX. 55°

HANDBRAKE LEVER
ADJUSTABLE BY 120°

General Specifications		JDS-5541L		Capacity Max ²⁾		WABCO	
Further Technical Data		470 076 111 0		Size		Trailer Control VALVE	
Doc. Code		General Technical Data		2023-01-26		Jukaburto	
		General Technical Data		2023-01-27		Oscarloo	
Class		Range of Nominal Dimensions (a ± mm)		Jukaburto		Manual Res.	
Type		50 / 180		2.133		11	
Class 1		≤ 180 / 180		470 076 111 0		Doc. Code Language	
Class 2		≤ 180 / 180		470 076 111 0		005 EN 1/1	
Class 3		≤ 180 / 180		470 076 111 0		2.133	
Class 4		≤ 180 / 180		470 076 111 0		11	
Class 5		≤ 180 / 180		470 076 111 0		470 076 111 0	
Class 6		≤ 180 / 180		470 076 111 0		2.133	
Class 7		≤ 180 / 180		470 076 111 0		11	
Class 8		≤ 180 / 180		470 076 111 0		470 076 111 0	
Class 9		≤ 180 / 180		470 076 111 0		2.133	
Class 10		≤ 180 / 180		470 076 111 0		11	
Class 11		≤ 180 / 180		470 076 111 0		470 076 111 0	
Class 12		≤ 180 / 180		470 076 111 0		2.133	
Class 13		≤ 180 / 180		470 076 111 0		11	
Class 14		≤ 180 / 180		470 076 111 0		470 076 111 0	
Class 15		≤ 180 / 180		470 076 111 0		2.133	
Class 16		≤ 180 / 180		470 076 111 0		11	
Class 17		≤ 180 / 180		470 076 111 0		470 076 111 0	
Class 18		≤ 180 / 180		470 076 111 0		2.133	
Class 19		≤ 180 / 180		470 076 111 0		11	
Class 20		≤ 180 / 180		470 076 111 0		470 076 111 0	
Class 21		≤ 180 / 180		470 076 111 0		2.133	
Class 22		≤ 180 / 180		470 076 111 0		11	
Class 23		≤ 180 / 180		470 076 111 0		470 076 111 0	
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Class 25		≤ 180 / 180		470 076 111 0		11	
Class 26		≤ 180 / 180		470 076 111 0		470 076 111 0	
Class 27		≤ 180 / 180		470 076 111 0		2.133	
Class 28		≤ 180 / 180		470 076 111 0		11	
Class 29		≤ 180 / 180		470 076 111 0		470 076 111 0	
Class 30		≤ 180 / 180		470 076 111 0		2.133	
Class 31		≤ 180 / 180		470 076 111 0		11	
Class 32		≤ 180 / 180		470 076 111 0		470 076 111 0	
Class 33		≤ 180 / 180		470 076 111 0		2.133	
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Class 35		≤ 180 / 180		470 076 111 0		470 076 111 0	
Class 36		≤ 180 / 180		470 076 111 0		2.133	
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Class 38		≤ 180 / 180		470 076 111 0		470 076 111 0	
Class 39		≤ 180 / 180		470 076 111 0		2.133	
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Class 41		≤ 180 / 180		470 076 111 0		470 076 111 0	
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Class 47		≤ 180 / 180		470 076 111 0		470 076 111 0	
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Class 172		≤ 180 / 180		470 076 111 0		11	
Class 173							