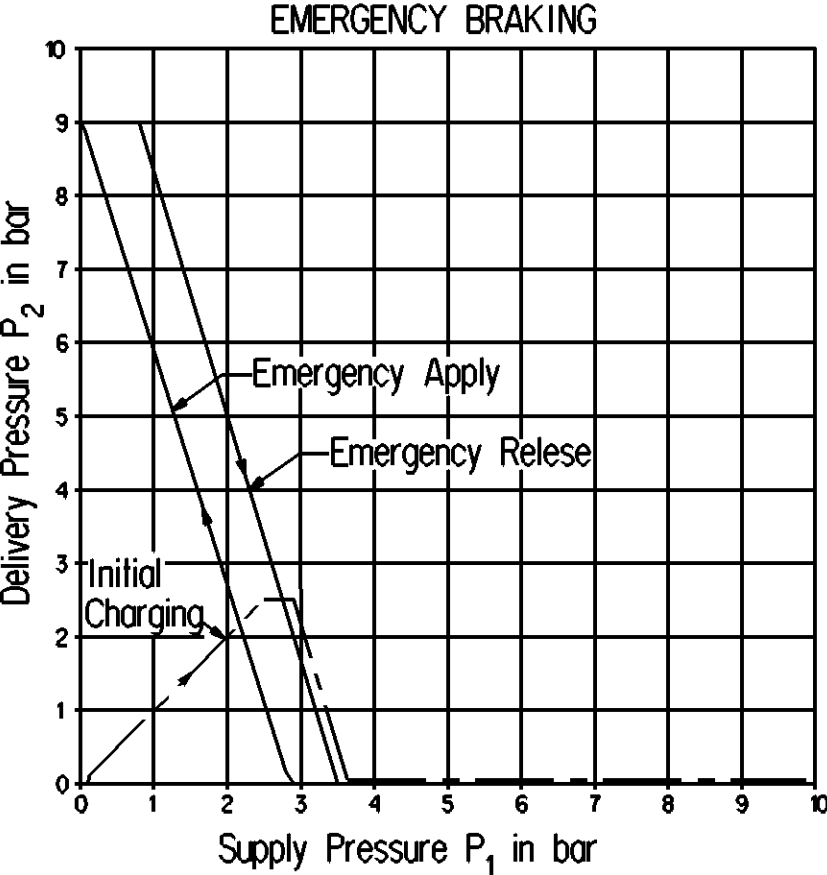
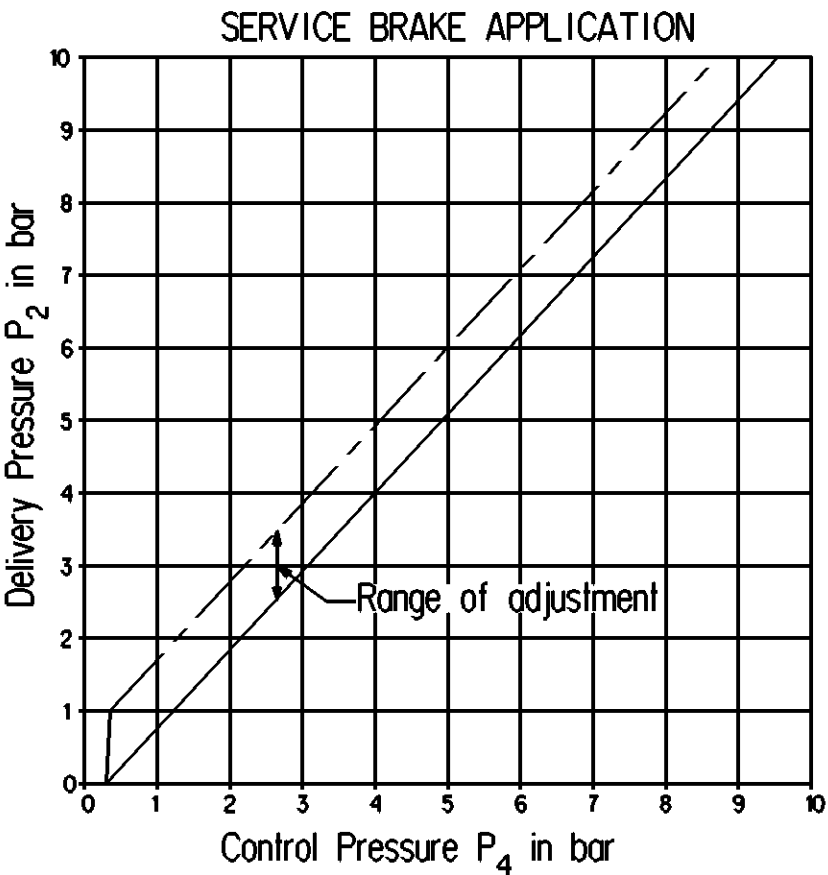
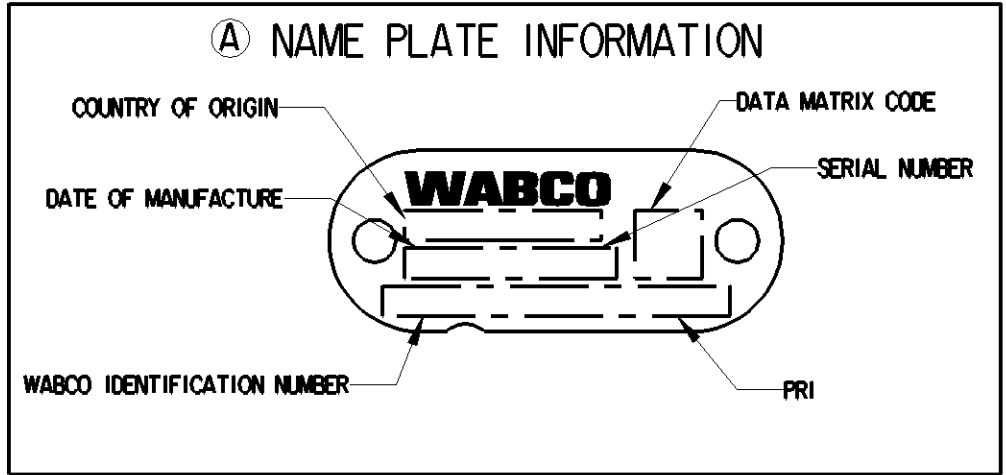
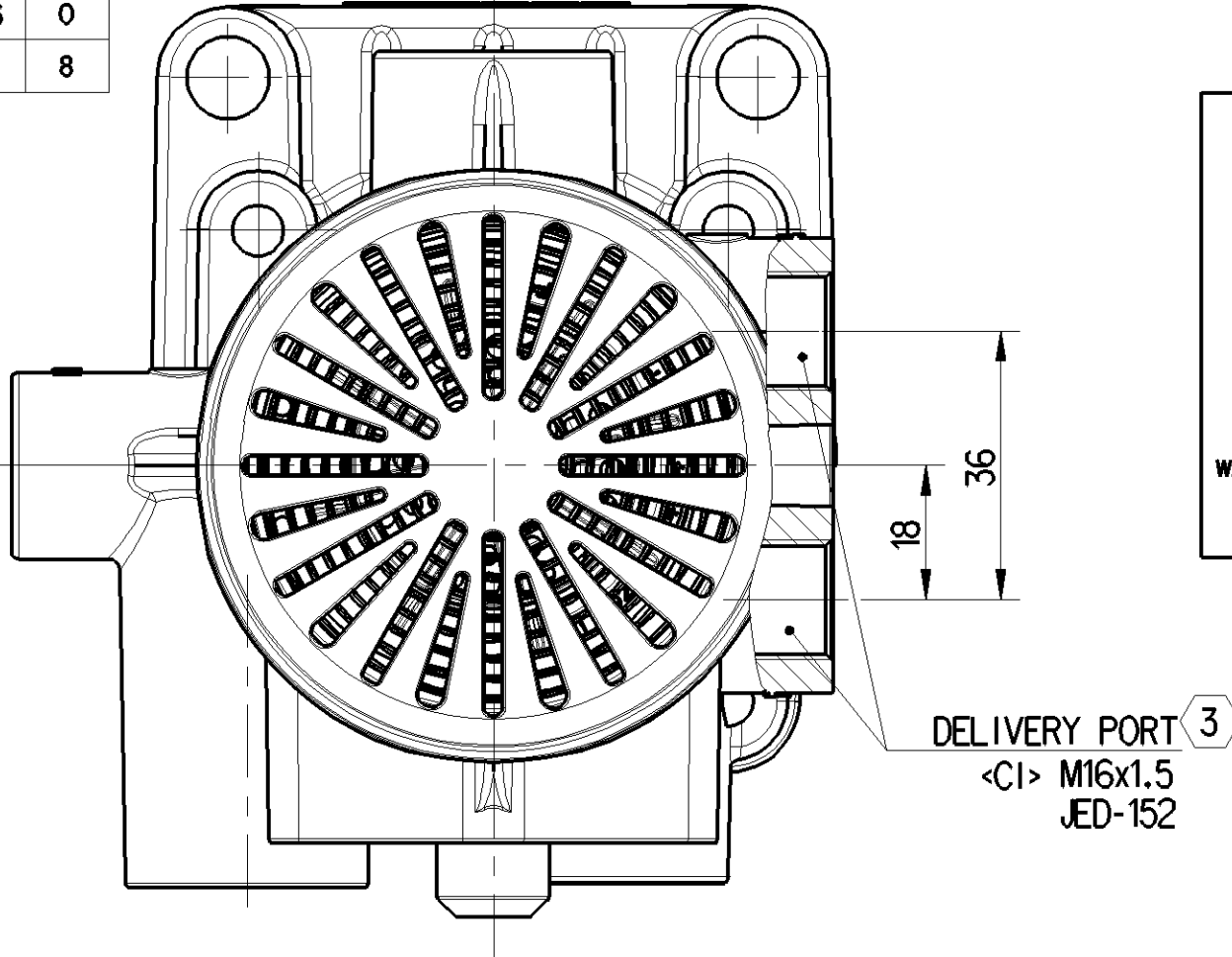
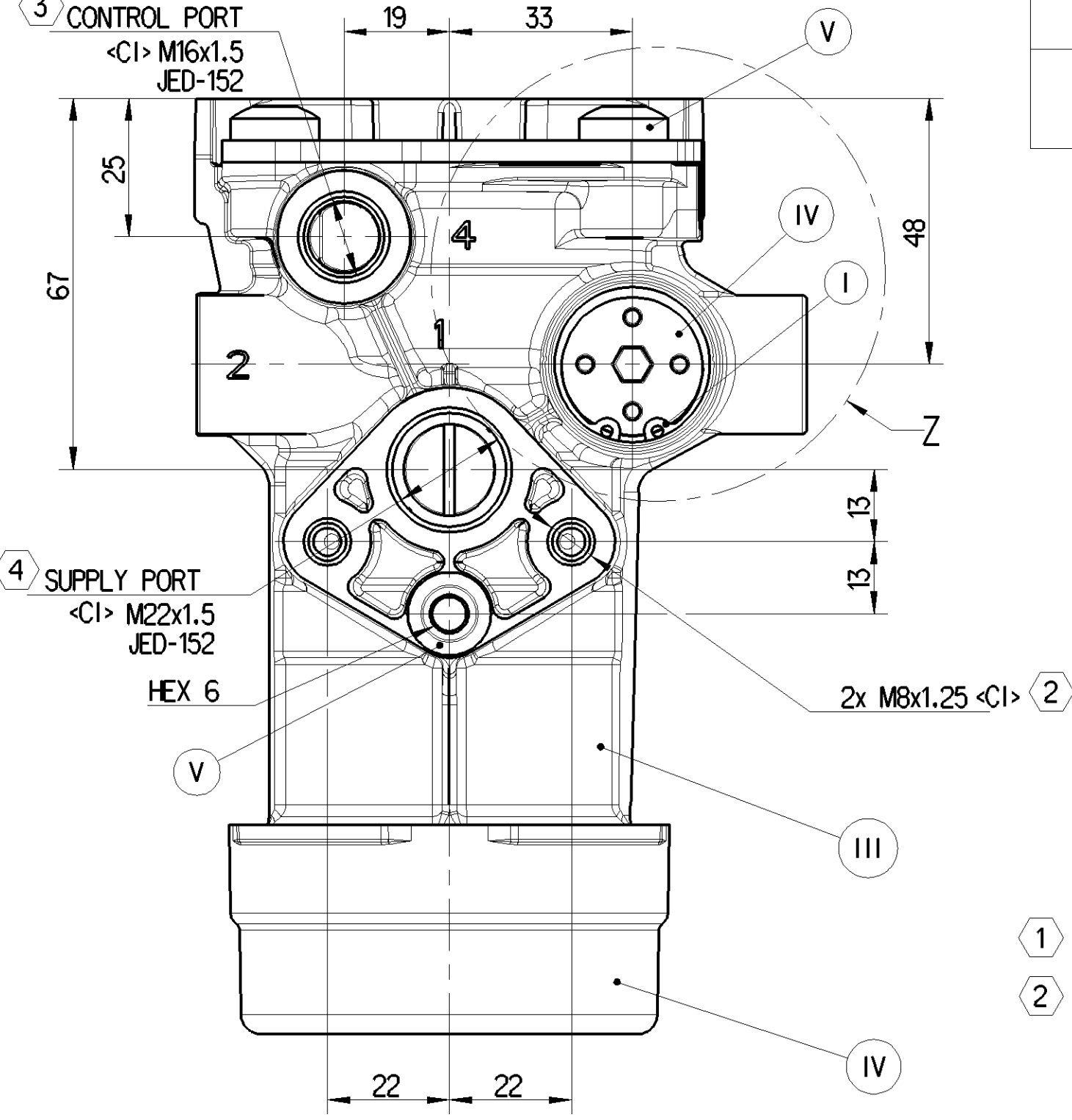
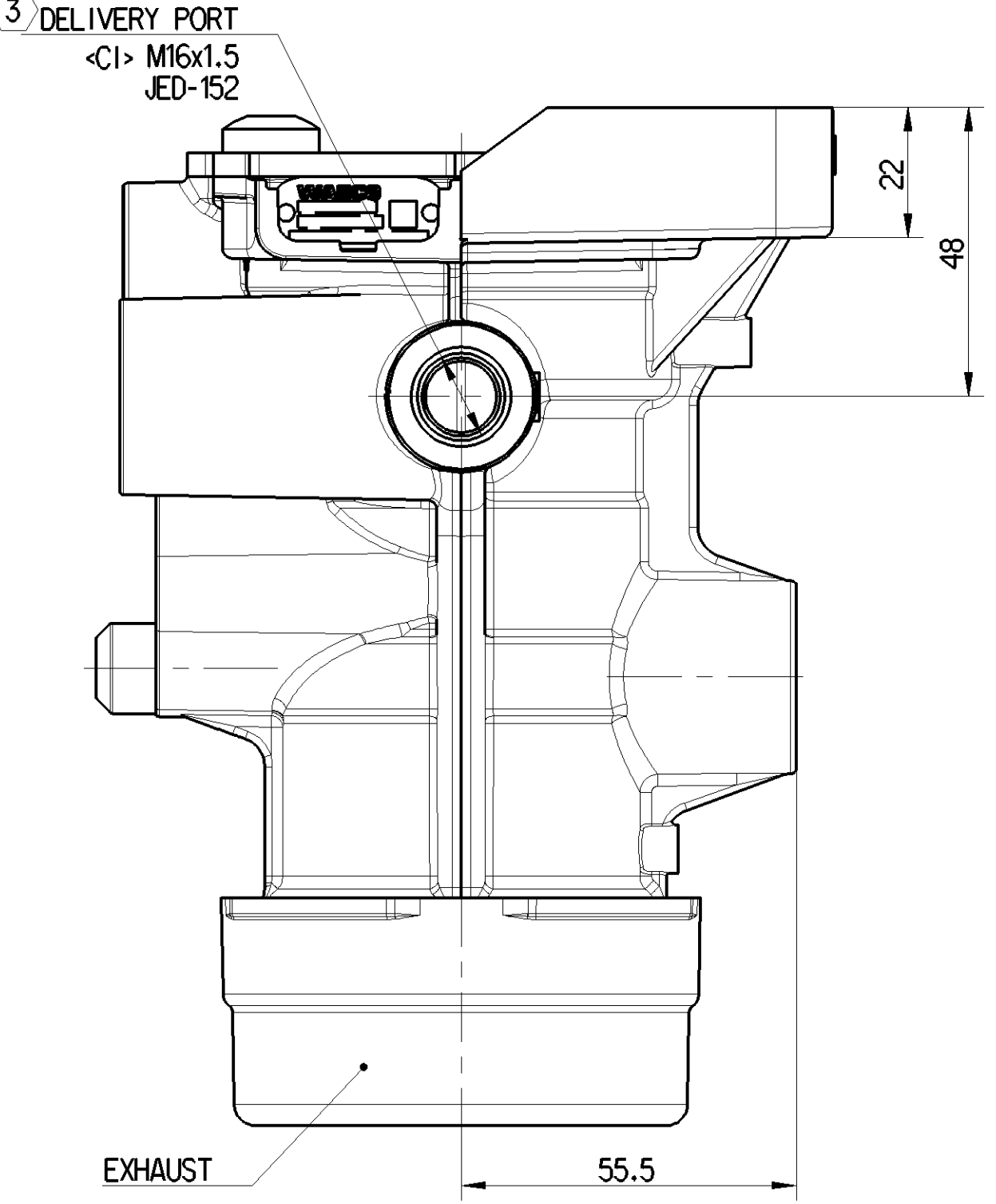
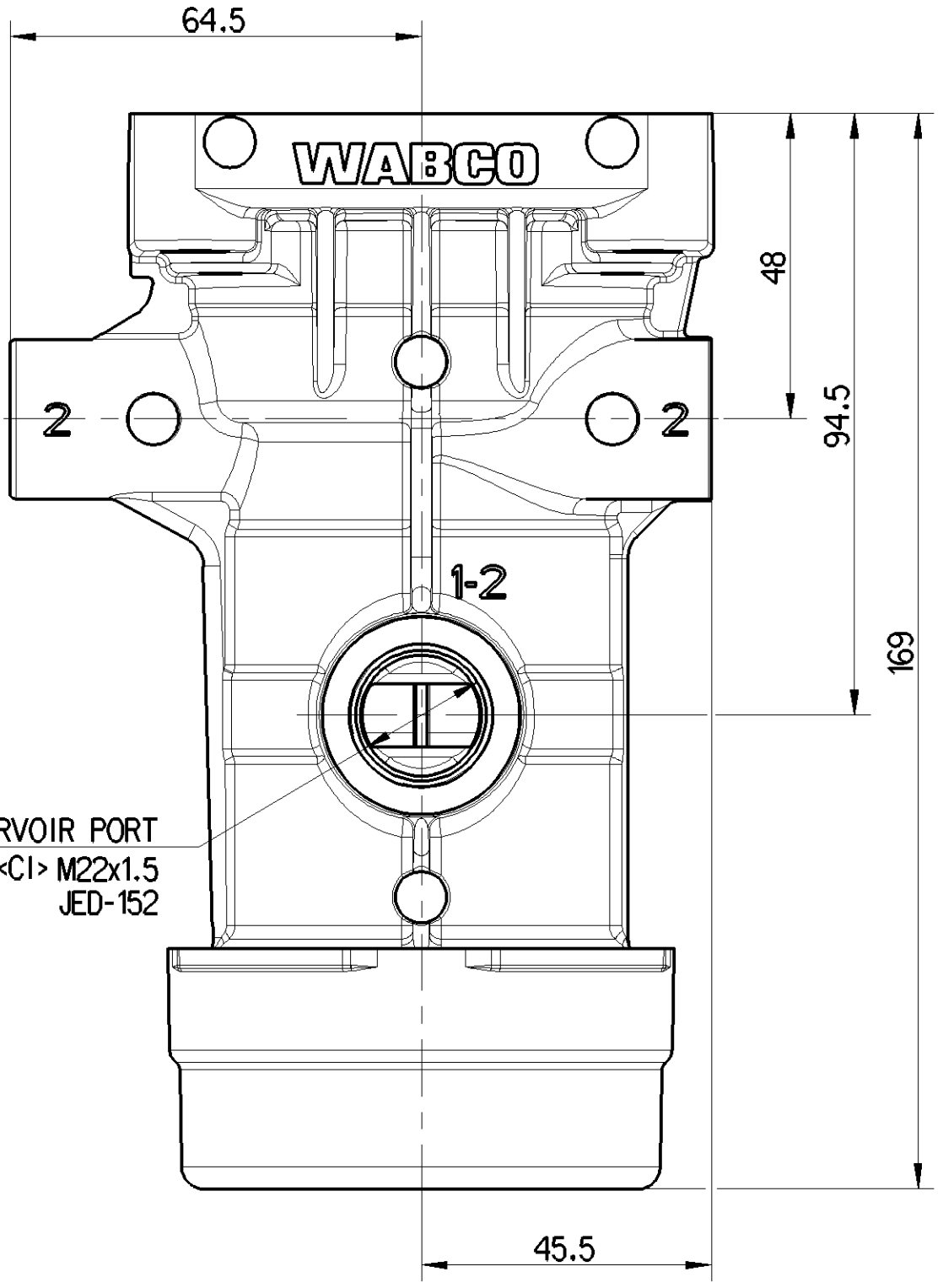


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<1> SAFETY CHARACTERISTICS	0
<2> SIGNIFICANT CHARACTERISTICS	0
<C1> CUSTOMER INTERFACE	8



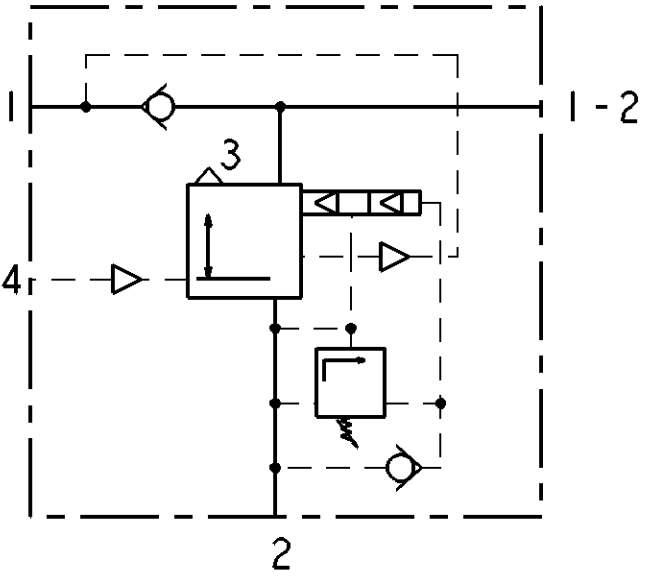
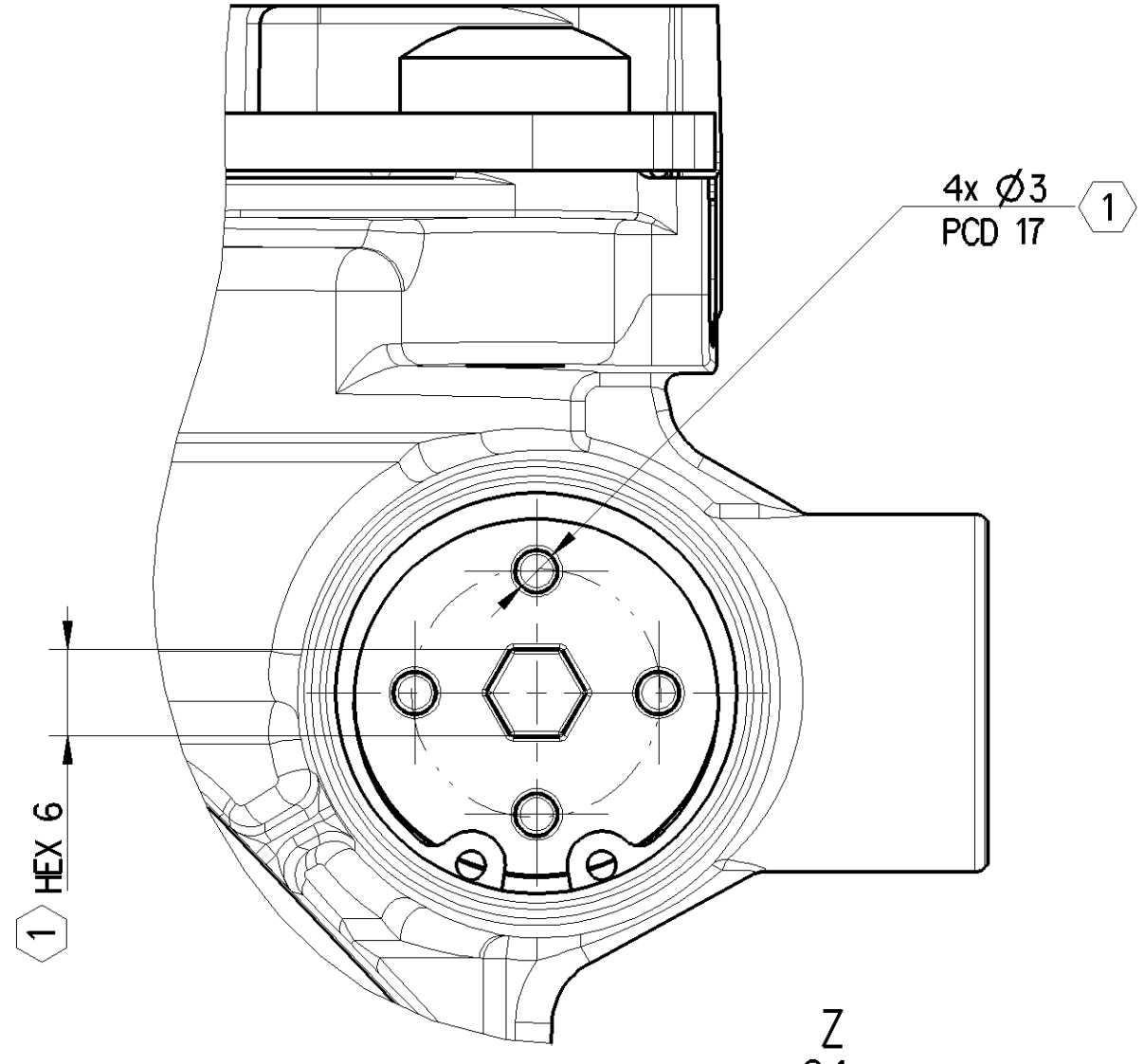
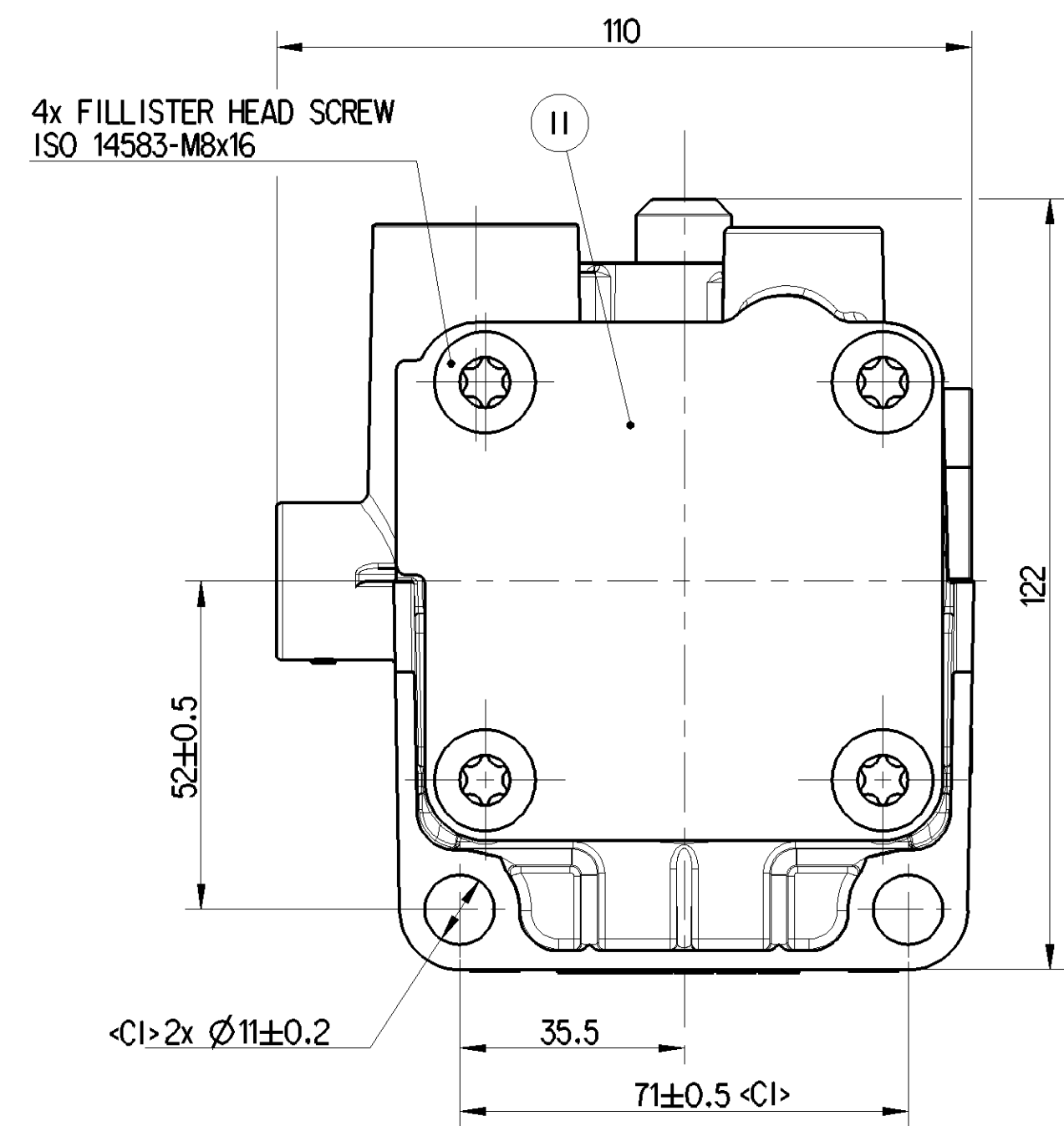
WORKING MEDIUM	AIR
THERMAL RANGE OF APPLICATION	-40° TO +65°C
SHORT TERM RESISTANCE TO HEAT	MAX. 1h AT 110°C
NOMINAL WORKING PRESSURE	9 bar
MAXIMUM WORKING PRESSURE	10 bar
PREDOMINANCE ADJUSTMENT RANGE PRESSURE	0 TO 0.7 bar
FILLING CRACK-OFF	0.5 bar MAX.
RELAY RATIO	>1
CRACK-OFF PRESSURE (WITHOUT PREDOM)	0.3 bar MAX. (+65°C TO -20°C) 0.35 bar MAX. (-20°C TO -40°C)
INSTALLATION POSITION	VERTICAL ±60° ALLOWED
PORT DESIGNATION	1 SUPPLY PORT 1-2 RESERVOIR PORT 2 (3x) DELIVERY PORT 4 CONTROL PORT
TIGHTENING TORQUE FOR MOUNTING BOLTS	45±2 Nm



CONDITION	FROM	TO	NOMINAL DIAMETER
FILLING	PORT 1	PORT 1-2	≥10 mm
BRAKING	PORT 1-2	PORT 2	≥11.5 mm
EXHAUSTING	PORT 2	PORT 3	≥10.6 mm

PART CODE	MATERIAL	SURFACE PROTECTION
V	STEEL	ZINC NICKEL PLATED
IV	PLASTIC	NO TREATMENT
III	ALUMINIUM ALLOY	CHROMATED
II	STEEL	POWDER COATED
I	STEEL	ZINC PLATED

NOTE:
1 PREDOMINANCE ADJUSTMENT
2 ATTACHMENT OF TRAILER RELEASE VALVE
RECOMMENDED TORQUE: 18±2 Nm
RECOMMENDED TORQUE FOR FITTINGS:
3 THREAD-M16x1.5, TIGHTENING TORQUE: 30 TO 35 Nm
4 THREAD-M22x1.5, TIGHTENING TORQUE: 34 TO 40 Nm



General Specifications: JED-334-1 - Size ISO 14405 LP		Copyright WABCO®		Date		Signature	
Further Technical Data: 971 002 049 0		Doc. Code: 035		Sheet: 1 To 56		Drawn	
General Tolerances JED-261		Range of Nominal Dimensions (± mm)		Class		Fine	
1) ≤ 50		≤ 50 > 180		≤ 180 > 400		> 400	
2) 0.5		1.0		1.5		2.0	
3) 1.0		2.0		3.0		4.0	
4) 2.0		3.5		5.0		6.5	
5) 3.0		4.0		5.0		6.5	
6) 4.0		5.0		6.5		8.0	
7) 5.0		6.5		8.0		10.0	
8) 6.5		8.0		10.0		12.5	
9) 8.0		10.0		12.5		16.0	
10) 10.0		12.5		16.0		20.0	
11) 12.5		16.0		20.0		25.0	
12) 16.0		20.0		25.0		32.0	
13) 20.0		25.0		32.0		40.0	
14) 25.0		32.0		40.0		50.0	
15) 32.0		40.0		50.0		63.0	
16) 40.0		50.0		63.0		80.0	
17) 50.0		63.0		80.0		100.0	
18) 63.0		80.0		100.0		125.0	
19) 80.0		100.0		125.0		160.0	
20) 100.0		125.0		160.0		200.0	
21) 125.0		160.0		200.0		250.0	
22) 160.0		200.0		250.0		320.0	
23) 200.0		250.0		320.0		400.0	
24) 250.0		320.0		400.0		500.0	
25) 320.0		400.0		500.0		630.0	
26) 400.0		500.0		630.0		800.0	
27) 500.0		630.0		800.0		1000.0	
28) 630.0		800.0		1000.0		1250.0	
29) 800.0		1000.0		1250.0		1600.0	
30) 1000.0		1250.0		1600.0		2000.0	
31) 1250.0		1600.0		2000.0		2500.0	
32) 1600.0		2000.0		2500.0		3200.0	
33) 2000.0		2500.0		3200.0		4000.0	
34) 2500.0		3200.0		4000.0		5000.0	
35) 3200.0		4000.0		5000.0		6300.0	
36) 4000.0		5000.0		6300.0		8000.0	
37) 5000.0		6300.0		8000.0		10000.0	
38) 6300.0		8000.0		10000.0		12500.0	
39) 8000.0		10000.0		12500.0		16000.0	
40) 10000.0		12500.0		16000.0		20000.0	
41) 12500.0		16000.0		20000.0		25000.0	
42) 16000.0		20000.0		25000.0		32000.0	
43) 20000.0		25000.0		32000.0		40000.0	
44) 25000.0		32000.0		40000.0		50000.0	
45) 32000.0		40000.0		50000.0		63000.0	
46) 40000.0		50000.0		63000.0		80000.0	
47) 50000.0		63000.0		80000.0		100000.0	
48) 63000.0		80000.0		100000.0		125000.0	
49) 80000.0		100000.0		125000.0		160000.0	
50) 100000.0		125000.0		160000.0		200000.0	
51) 125000.0		160000.0		200000.0		250000.0	
52) 160000.0		200000.0		250000.0		320000.0	
53) 200000.0		250000.0		320000.0		400000.0	
54) 250000.0		320000.0		400000.0		500000.0	
55) 320000.0		400000.0		500000.0		630000.0	
56) 400000.0		500000.0		630000.0		800000.0	
57) 500000.0		630000.0		800000.0		1000000.0	
58) 630000.0		800000.0		1000000.0		1250000.0	
59) 800000.0		1000000.0		1250000.0		1600000.0	
60) 1000000.0		1250000.0		1600000.0		2000000.0	
61) 1250000.0		1600000.0		2000000.0		2500000.0	
62) 1600000.0		2000000.0		2500000.0		3200000.0	
63) 2000000.0		2500000.0		3200000.0		4000000.0	
64) 2500000.0		3200000.0		4000000.0		5000000.0	
65) 3200000.0		4000000.0		5000000.0		6300000.0	
66) 4000000.0		5000000.0		6300000.0		8000000.0	
67) 5000000.0		6300000.0		8000000.0		10000000.0	
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71) 12500000.0		16000000.0		20000000.0		25000000.0	
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73) 20000000.0		25000000.0		32000000.0		40000000.0	
74) 25000000.0		32000000.0		40000000.0		50000000.0	
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77) 50000000.0		63000000.0		80000000.0		100000000.0	
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79) 80000000.0		100000000.0		125000000.0		160000000.0	
80) 100000000.0		125000000.0		160000000.0		200000000.0	
81) 125000000.0		160000000.0		200000000.0		250000000.0	
82) 160000000.0		200000000.0		250000000.0		320000000.0	
83) 200000000.0		250000000.0		320000000.0		400000000.0	
84) 250000000.0		320000000.0		400000000.0		500000000.0	
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86) 400000000.0		500000000.0		630000000.0		800000000.0	
87) 500000000.0		630000000.0		800000000.0		1000000000.0	
88) 630000000.0		800000000.0		1000000000.0		1250000000.0	
89) 800000000.0		1000000000.0		1250000000.0		1600000000.0	
90) 1000000000.0		1250000000.0		1600000000.0		2000000000.0	
91) 1250000000.0		1600000000.0		2000000000.0		2500000000.0	
92) 1600000000.0		2000000000.0		2500000000.0		3200000000.0	
93) 2000000000.0		2500000000.0		3200000000.0		4000000000.0	
94) 2500000000.0		3200000000.0		4000000000.0		5000000000.0	
95) 3200000000.0		4000000000.0		5000000000.0		6300000000.0	
96) 4000000000.0		5000000000.0		6300000000.0		8000000000.0	
97) 5000000000.0		6300000000.0		8000000000.0		10000000000.0	
98) 6300000000.0		8000000000.0		10000000000.0		12500000000.0	
99) 8000000000.0		10000000000.0		12500000000.0		16000000000.0	
100) 10000000000.0		12500000000.0		16000000000.0		20000000000.0	
101) 12500000000.0		16000000000.0		20000000000.0		25000000000.0	
102) 16000000000.0		20000000000.0		25000000000.0		32000000000.0	
103) 20000000000.0		25000000000.0		32000000000.0		40000000000.0	
104) 25000000000.0		32000000000.0		40000000000.0		50000000000.0	
105) 32000000000.0		40000000000.0		50000000000.0		63000000000.0	
106) 40000000000.0		50000000000.0		63000000000.0		80000000000.0	
107) 50000000000.0		63000000000.0		80000000000.0		100000000000.0	
108) 63000000000.0		80000000000.0		100000000000.0		125000000000.0	
109) 80000000000.0		100000000000.0		125000000000.0		160000000000.0	
110) 100000000000.0		125000000000.0		160000000000.0		200000000000.0	
111) 125000000000.0		160000000000.0		200000000000.0		250000000000.0	
112) 160000000000.0		200000000000.0		250000000000.0		320000000000.0	
113) 200000000000.0		250000000000.0		320000000000.0		400000000000.0	
114) 250000000000.0		320000000000.0		400000000000.0		500000000000.0	
115) 320000000000.0		400000000000.0		500000000000.0		630000000000.0	
116) 400000000000.0		500000000000.0		630000000000.0		800000000000.0	
117) 500000000000.0		630000000000.0		800000000000.0		1000000000000.0	
118) 630000000000.0		800000000000.0		1000000000000.0		1250000000000.0	
119) 800000000000.0		1000000000000.0		1250000000000.0		1600000000000.0	
120) 1000000000000.0		1250000000000.0		1600000000000.0		2000000000000.0	
121) 1250000000000.0		1600000000000.0		2000000000000.0		2500000000000.0	
122) 1600000000000.0		2000000000000.0		2500000000000.0		3200000000000.0	
123) 2000000000000.0		2500000000000.0		3200000000000.0		4000000000000.0	
124) 2500000000000.0		3200000000000.0		4000000000000.0		5000000000000.0	
125) 3200000000000.0		4000000000000.0		5000000000000.0		6300000000000.0	
126) 4000000000000.0		5000000000000.0		6300000000000.0		8000000000000.0	
127) 5000000000000.0		6300000000000.0		8000000000000.0		10000000000000.0	
128) 6300000000000.0		8000000000000.0		10000000000000.0		12500000000000.0	
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