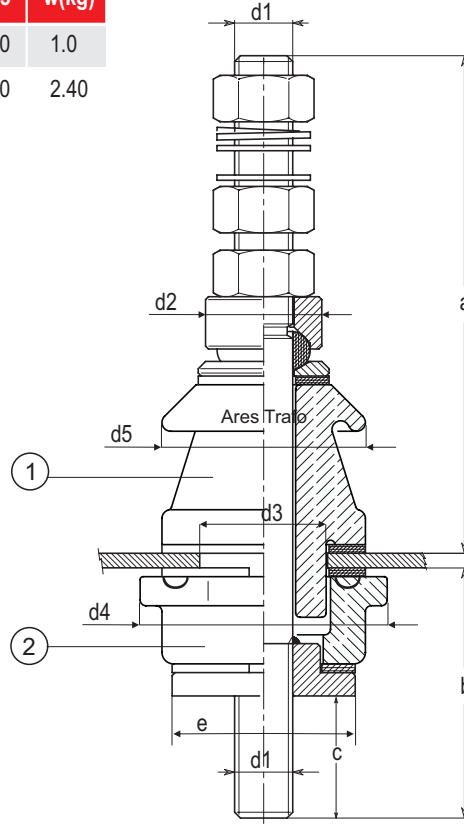
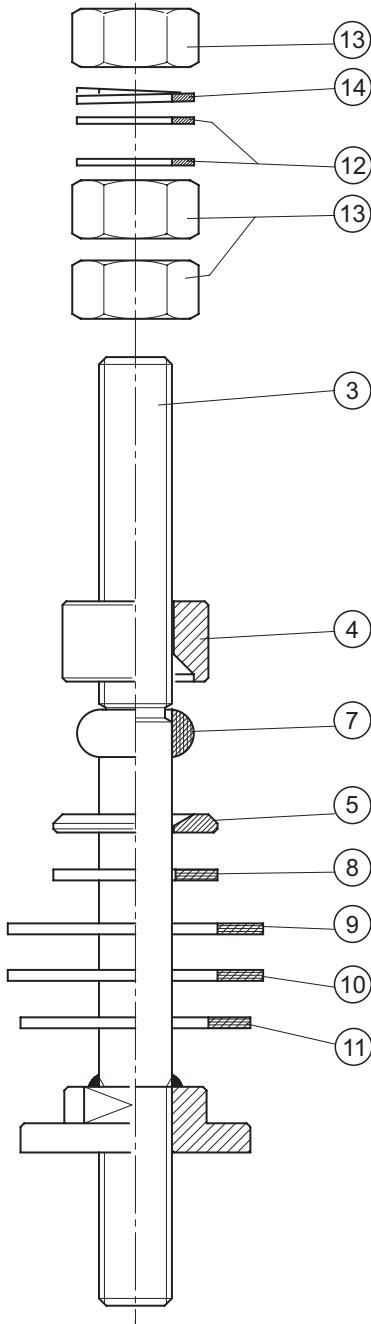


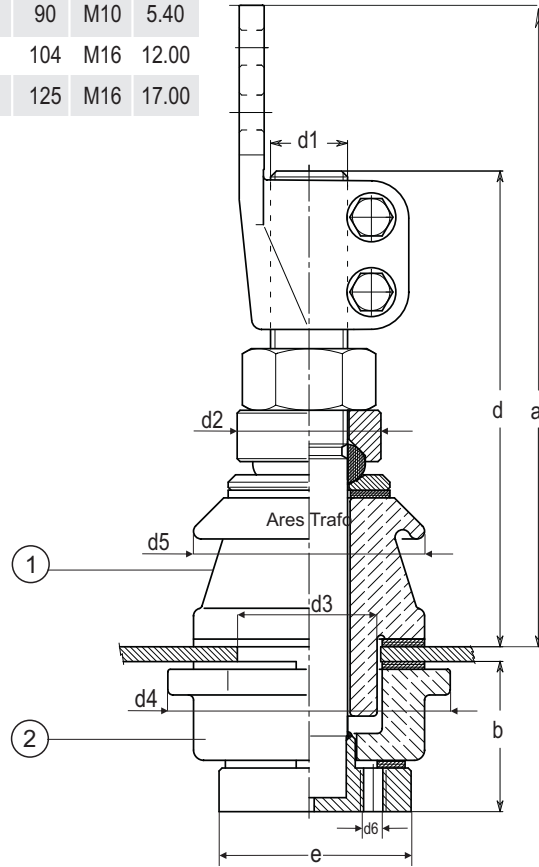
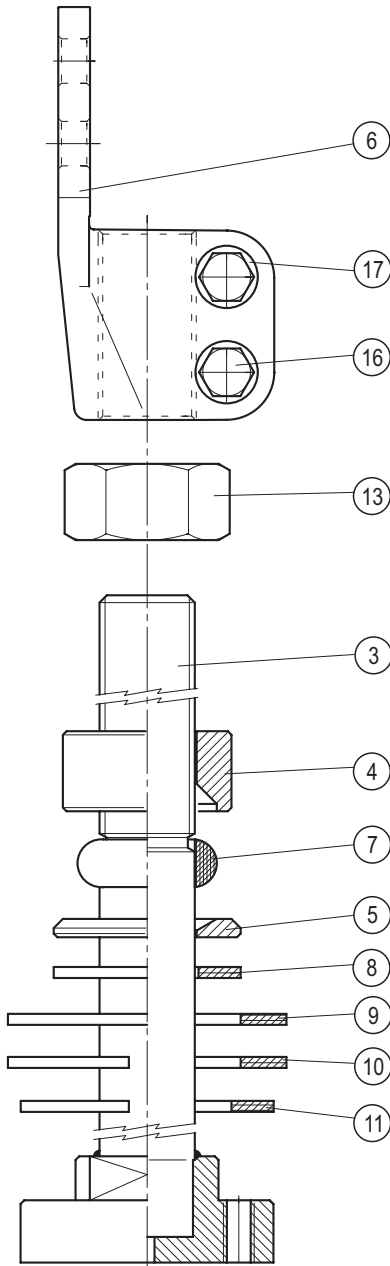
Ref.	a	b	c	e	d1	d2	d3	d4	d5	w(kg)
DT 1 - 250	138	68	25	Ø45	M12	28	28	60	50	1.0
DT 1 - 630	178	82	37	Ø45	M20	40	45	85	70	2.40



Ref.	Description	Material	250A	630A
1	Top Porcelain A1	C110	1	1
2	Bottom Porcelain B1	C110	1	1
3	Stud	CuZn40Pb2	1	1
4	Washer E	CuZn40Pb2	1	1
5	Washer G	CuZn40Pb2	1	1
7	Gasket J	NBR ☐ Viton ☐	1	1
8	Flat Gasket M	NBR ☐ Viton ☐ Cork ☐	1	1
9	Flat Gasket N	NBR ☐ Viton ☐ Cork ☐	1	1
10	Internal Gasket O	NBR ☐ Presspan ☐	1	1
11	Internal Gasket P	NBR ☐ Presspan ☐	1	1
12	Washer 13 - 21 DIN 125	CuZn40Pb2	2	2
13	Brass Nut M12 - M20 DIN 934	CuZn40Pb2	3	3
14	Spring Washer 12 - 20 DIN 43699	St37 zinc ☐ A2-70 ☐	1	1

☐ -60°C FVMQ Gasket (Optional)

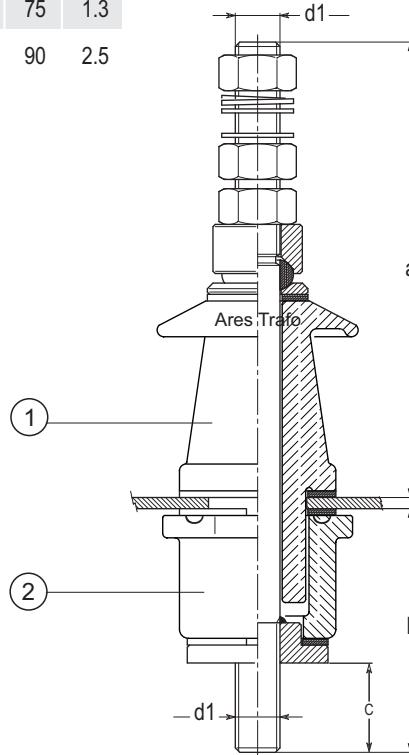
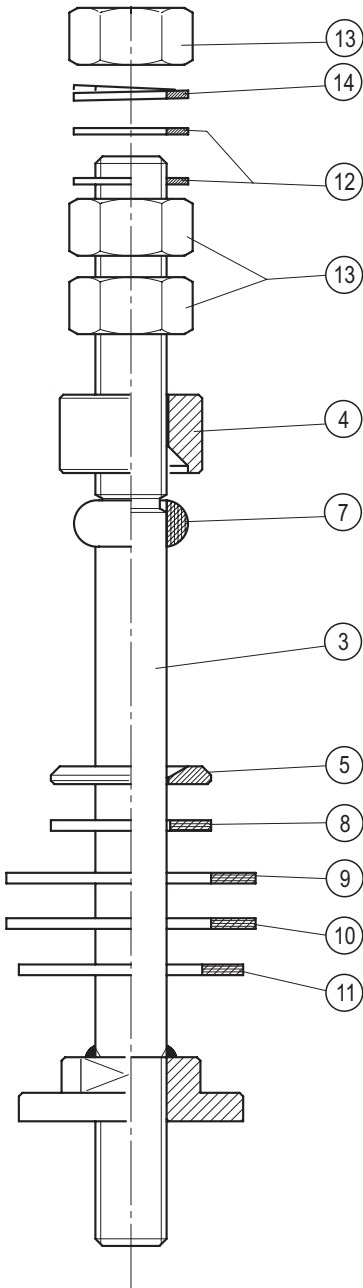
Ref.	a	b	d	e	d1	d2	d3	d4	d5	d6	w(kg)
DT 1 - 1000	263	60	186	Ø70	M30x2	56	56	110	90	M10	5.40
DT 1 - 2000	340	65	223	100	M42x3	70	70	125	104	M16	12.00
DT 1 - 3150	372	70	230	100	M48x3	80	90	150	125	M16	17.00



Ref.	Parts	Material	1000A	2000A	3150A
1	Top Porcelain	C110	1	1	1
2	Bottom Porcelain	C110	1	1	1
3	Connecting Stud Z	Cu-ETP	1	1	1
4	Washer E	CuZn40Pb2	1	1	1
5	Washer G	CuZn40Pb2	1	1	1
6	Connection Flag	CuZn40Pb2	1	1	1
7	Gasket J	NBR ☐ Viton ☐	1	1	1
8	Flat Gasket M	NBR ☐ Viton ☐ Cork ☐	1	1	1
9	Flat Gasket N	NBR ☐ Viton ☐ Cork ☐	1	1	1
10	Internal Gasket X	NBR ☐ Presspan ☐	1	1	1
11	Internal Gasket R	NBR ☐ Presspan ☐	1	1	1
13	Brass Nut	CuZn40Pb2	1	1	1
16	Hexagon Head Screw	St zinc ☐ A2-70 ☐	2	2	2
17	Washer	St zinc ☐ A2-70 ☐	2	2	2

☐ -60°C FVMQ Gasket (Optional)

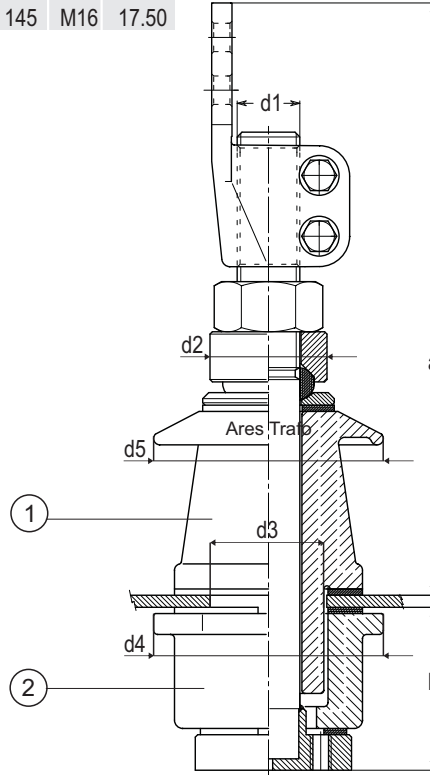
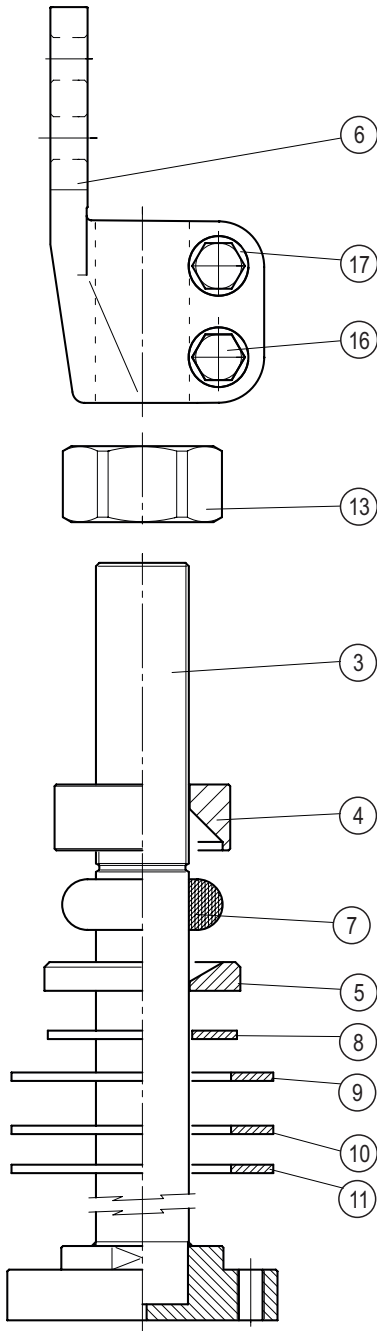
Ref.	a	b	c	d1	d2	d3	d4	d5	w(kg)
DT 3-250	180	94	25	M12	28	39	70	75	1.3
DT 3-630	210	110	37	M20	46	45	85	90	2.5



Ref.	Description	Material	3/250A	3/630A
1	Top Porcelain A1	C110	1	1
2	Bottom Porcelain B1	C110	1	1
3	Connecting Stud C	CuZn40Pb2	1	1
4	Washer E	CuZn40Pb2	1	1
5	Washer G	CuZn40Pb2	1	1
7	Gasket J	NBR ☐ Viton ☐	1	1
8	Flat Gasket M	NBR ☐ Viton ☐ Cork ☐	1	1
9	Flat Gasket N	NBR ☐ Viton ☐ Cork ☐	1	1
10	Internal Gasket O	NBR ☐ Presspan ☐	1	1
11	Internal Gasket P	NBR ☐ Presspan ☐	1	1
12	Washer 13 - 21 DIN 125	CuZn40Pb2	2	2
13	Brass Nut M12 - M20 DIN 934	CuZn40Pb2	3	3
14	Spring Washer 12 - 20 DIN 43699	St37zinc ☐ A2-70 ☐	1	1

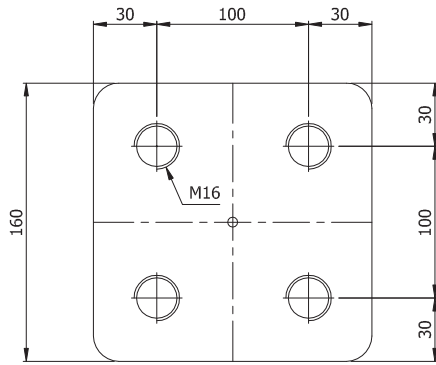
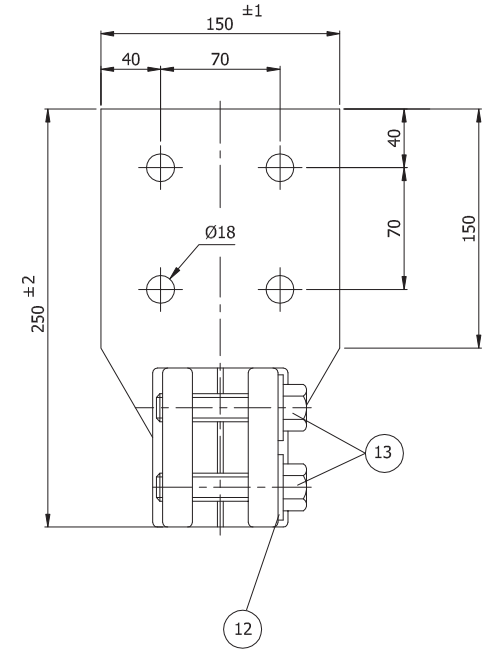
☐ -60°C FVMQ Gasket (Optional)

Ref.	a	b	e	f	d1	d2	d3	d4	d5	d6	w(kg)
DT 3-1000	294	80	Ø50	Ø70	M30x2	56	56	110	110	M10	5.80
DT 3-2000	372	86	60	100	M42x3	70	70	125	125	M16	13.00
DT 3-3150	404	92	70	110	M48x3	90	90	150	145	M16	17.50

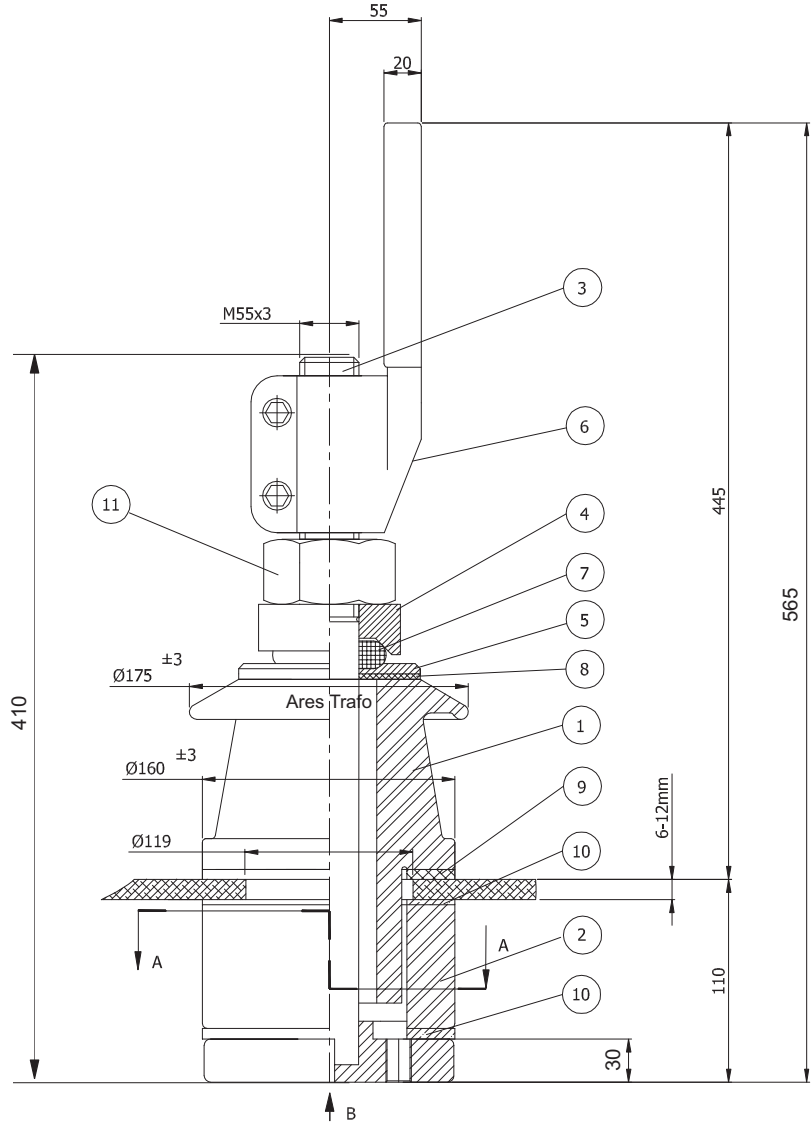


Ref.	Parts	Material	1000A	2000A	3150A
1	Top Porcelain	C110	1	1	1
2	Bottom Porcelain	C110	1	1	1
3	Connecting Stud Z	Cu-ETP	1	1	1
4	Washer E	CuZn40Pb2	1	1	1
5	Washer G	CuZn40Pb2	1	1	1
6	Connection Flag	CuZn40Pb2	1	1	1
7	Gasket J	NBR ☐ Viton ☐	1	1	1
8	Flat Gasket M	NBR ☐ Viton ☐ Cork ☐	1	1	1
9	Flat Gasket N	NBR ☐ Viton ☐ Cork ☐	1	1	1
10	Internal Gasket X	NBR ☐ Presspan ☐	1	1	1
11	Internal Gasket R	NBR ☐ Presspan ☐	1	1	1
13	Brass Nut	CuZn40Pb2	1	1	1
16	Hex. Head Screw	St zinc ☐ A2-70 ☐	2	2	2
17	Washer	St zinc ☐ A2-70 ☐	2	2	2

☐ -60°C FVMQ Gasket (Optional)

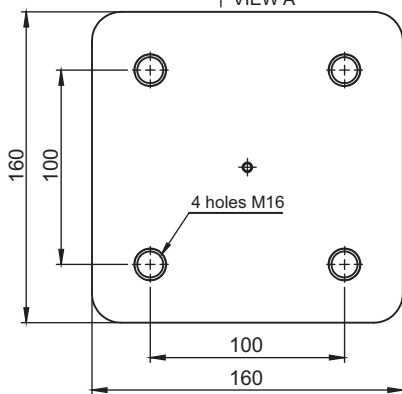
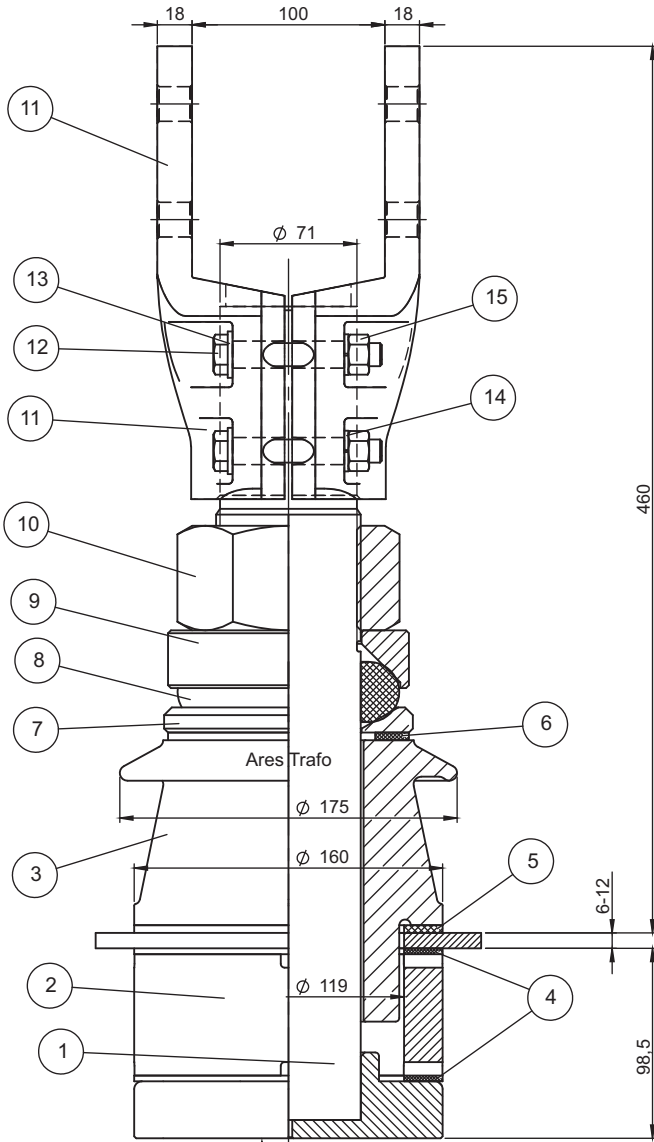


VIEW B

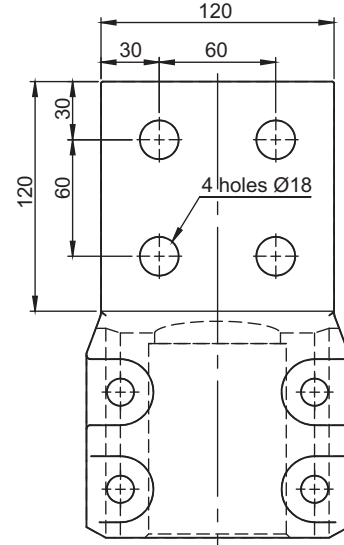


Pos	Description	Material	Qty
1	Top Porcelain "A"	C110	1
2	Bottom Porcelain "B"	C110	1
3	Stud	Cu-ETP	1
4	Brass Washer "E"	CuZn40Pb2	1
5	Brass Washer "G"	CuZn40Pb2	1
6	Brass Flag	CuZn40Pb2	1
7	Gasket "J"	NBR ☐ Viton ☐	1
8	Flat Gasket "M"	NBR ☐ Viton ☐ Cork ☐	1
9	Flat Gasket "N"	NBR ☐ Viton ☐ Cork ☐	1
10	Internal Gasket "X"	NBR ☐ Presspan ☐	2
11	Brass Nut M55 ISO 4032	CuZn40Pb2	1
12	Washer M12	St37 zinc ☐ A2-70 ☐	2
13	Bolt N12x65 DIN EN24017	St37 zinc ☐ A2-70 ☐	2

☐ -60°C FVMQ Gasket (Optional)



VIEW A



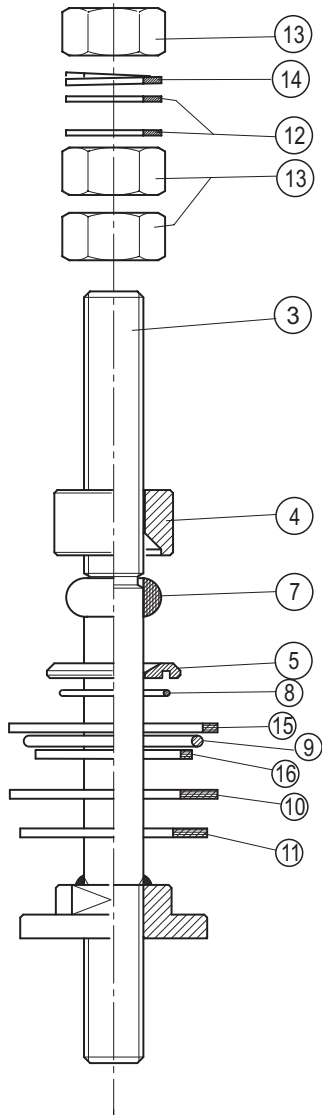
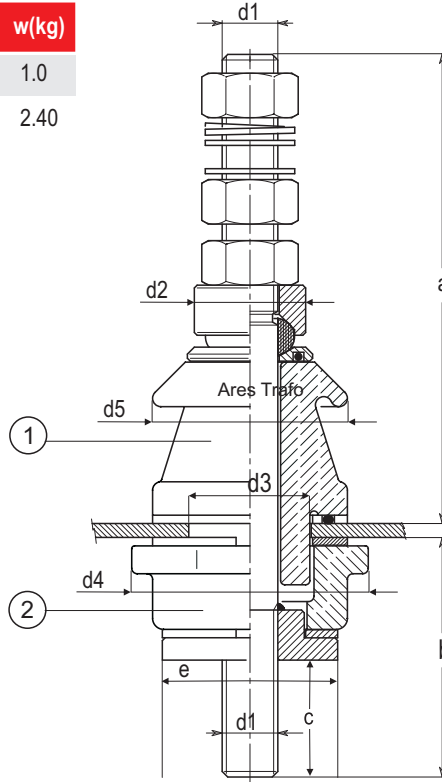
Pos	Description	Material	Qty
1	Stud	Cu-ETP	1
2	Bottom Porcelain	C110	1
3	Top Porcelain	C110	1
4	"X" Gasket	NBR ☐ Presspan ☐	2
5	"N" Gasket	NBR ☐ Viton ☐ Cork ☐	1
6	"M" Gasket	NBR ☐ Viton ☐ Cork ☐	1
7	"G" Washer	CuZn40Pb2	1
8	"J" Gasket	NBR ☐ Viton ☐	1
9	"E" Cap	CuZn40Pb2	1
10	Nut M75x3	CuZn40Pb2	2
11	Spade Connector	CuZn40Pb2	2
12	Bolt M12x80	St37 zinc ☐ A2-70 ☐	4
13	Washer M12	St37 zinc ☐ A2-70 ☐	4
14	Spring Washer	St37 zinc ☐ A2-70 ☐	4
15	Nut M12	St37 zinc ☐ A2-70 ☐	4

☐ -60°C FVMQ Gasket (Optional)

Ref.	a	b	c	e	d1	d2	d3	d4	d5	w(kg)
DT 1 - 250	138	68	25	Ø45	M12	28	28	60	50	1.0
DT 1 - 630	178	82	37	Ø45	M20	40	45	85	70	2.40



O-ring

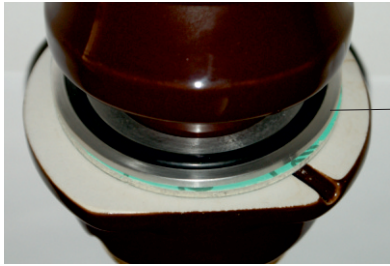


O-ring Set (Instead of N Gasket)

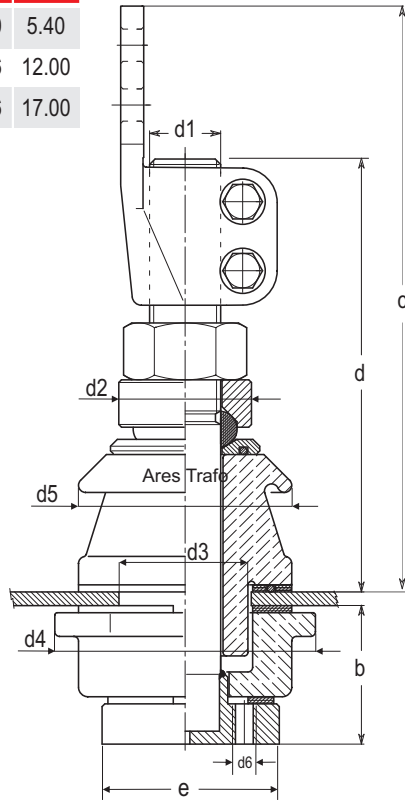
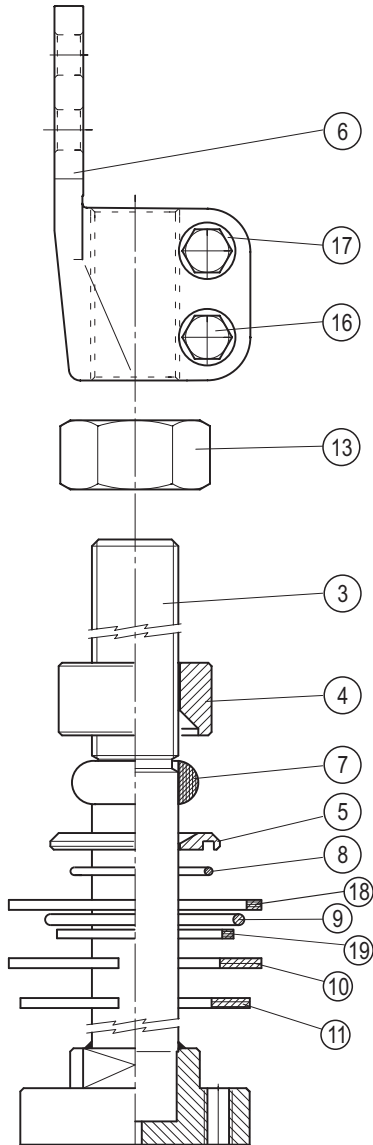
Ref.	Description	Material	250A	630A
1	Top Porcelain A1	C110	1	1
2	Bottom Porcelain B1	C110	1	1
3	Connecting Stud C	CuZn40Pb2	1	1
4	Washer E	CuZn40Pb2	1	1
5	Washer G	CuZn40Pb2	1	1
7	Ring Gasket J	NBR	1	1
8	O-Ring	NBR □ Viton □	1	1
9	O-Ring	NBR □ Viton □	1	1
10	Internal Gasket O	NBR □ Presspan □	1	1
11	Internal Gasket P	NBR □ Presspan □	1	1
12	Washer 13 - 21 DIN 125	CuZn40Pb2	2	2
13	Brass Nut DIN 934	CuZn40Pb2	3	3
14	Spring Washer	St37 zinc □ A2-70 □	1	1
15	Aluminium Spacer 1	Aluminium	1	1
16	Aluminium Spacer 2	Aluminium	1	1

□ -60°C FVMQ Gasket (Optional)

Ref.	a	b	d	e	d1	d2	d3	d4	d5	d6	w(kg)
DT 1 - 1000	263	60	186	Ø70	M30x2	56	56	110	90	M10	5.40
DT 1 - 2000	340	65	223	100	M42x3	70	70	125	104	M16	12.00
DT 1 - 3150	372	70	230	100	M48x3	80	90	150	125	M16	17.00



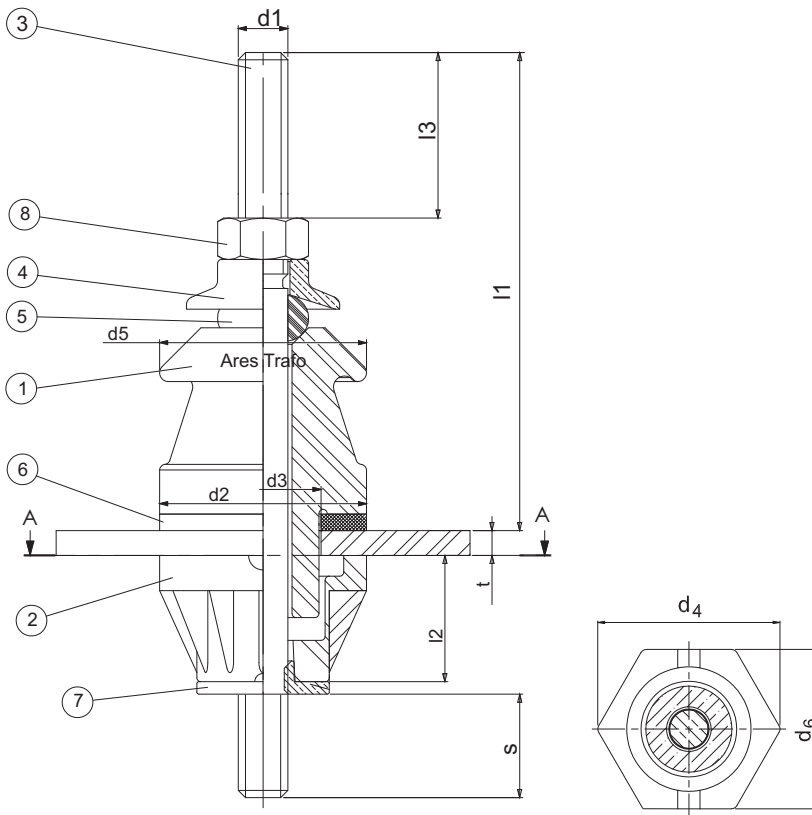
O-ring Set



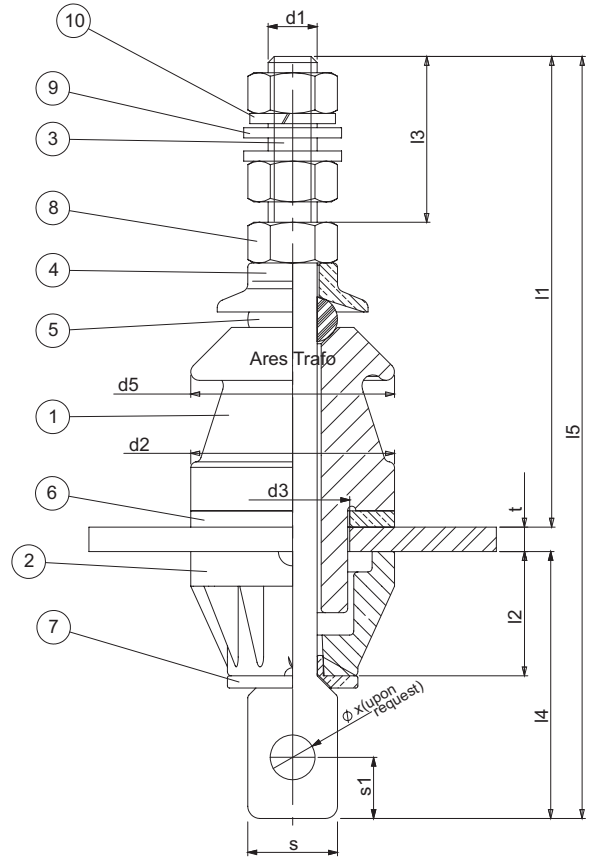
Ref.	Qty.	Parts	Material	1000A	2000A	3150A
1	1	Top Porcelain	C110	1	1	1
2	1	Bottom Porcelain	C110	1	1	1
3	1	Connecting Stud Z	Cu-ETP	1	1	1
4	1	Washer E	CuZn40Pb2	1	1	1
5	1	Washer G	CuZn40Pb2	1	1	1
6	1	Connection Flag	CuZn40Pb2	1	1	1
7	1	Ring Gasket J	NBR ☐ Viton ☐	1	1	1
8	1	O-ring	NBR ☐ Viton ☐	1	1	1
9	1	O-ring	NBR ☐ Viton ☐	1	1	1
10	1	Internal Gasket X	NBR ☐ Presspan ☐	1	1	1
11	1	Internal Gasket R	NBR ☐ Presspan ☐	1	1	1
13	1	Brass Nut	CuZn40Pb2	1	1	1
16	2	Hex. Head Screw	St zinc ☐ A2-70 ☐	2	2	2
17	2	Washer	St zinc ☐ A2-70 ☐	2	2	2
18	1	Aluminium Spacer 1	Aluminium	1	1	1
19	1	Aluminium Spacer 2	Aluminium	1	1	1

☐ -60°C FVMQ Gasket (Optional)

Type A



Type AP



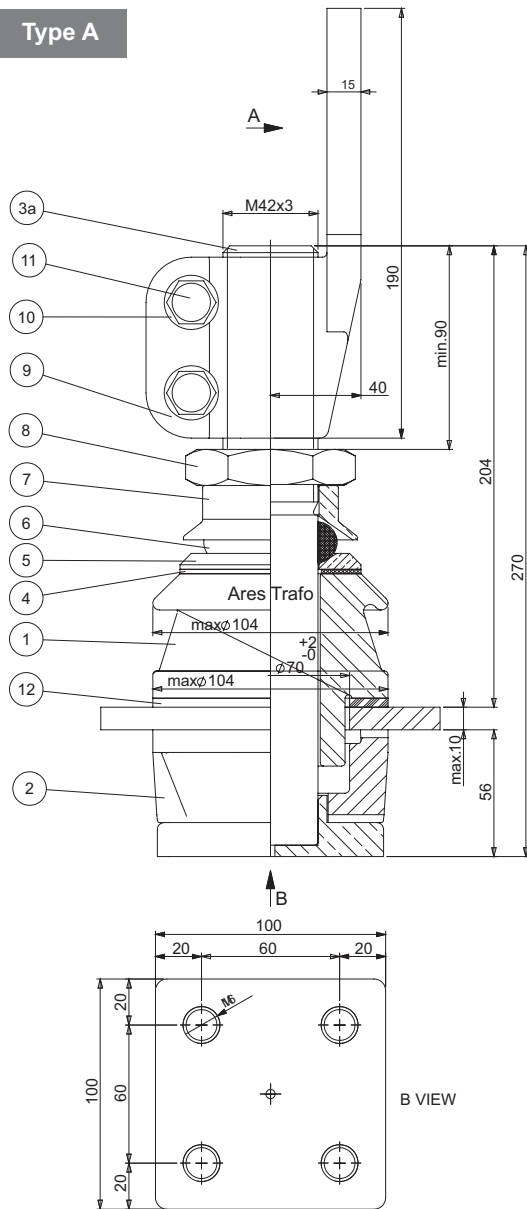
Pos	Description	Material	250A	630A
1	Insulator Top	C110	1	1
2	Insulator Bottom	PA6.6	1	1
3	Stud	CuZn40Pb2	1	1
4	Washer "E"	CuZn40Pb2	1	1
5	Gasket "J"	NBR ☐ Viton ☐	1	1
6	Flat Gasket (N)	NBR ☐ Viton ☐ Cork ☐	1	1
7	Internal Connector	CuZn40Pb2	1	1
8	Hex. Nut	CuZn40Pb2	1	3
9	Washer	CuZn40Pb2	-	2
10	Spring Washer	CuZn40Pb2	-	1

Type A	Amper	l1	l2	s	t	d1	d2	d3	d4	l3	d5	d6	Creepage	kg
1/250	250	115	30	25	6	M12	56	28	58	40	56	50	55	0.5
1/630	630	165	30	37	6	M20	70	45	80	65	70	70	70	1.5

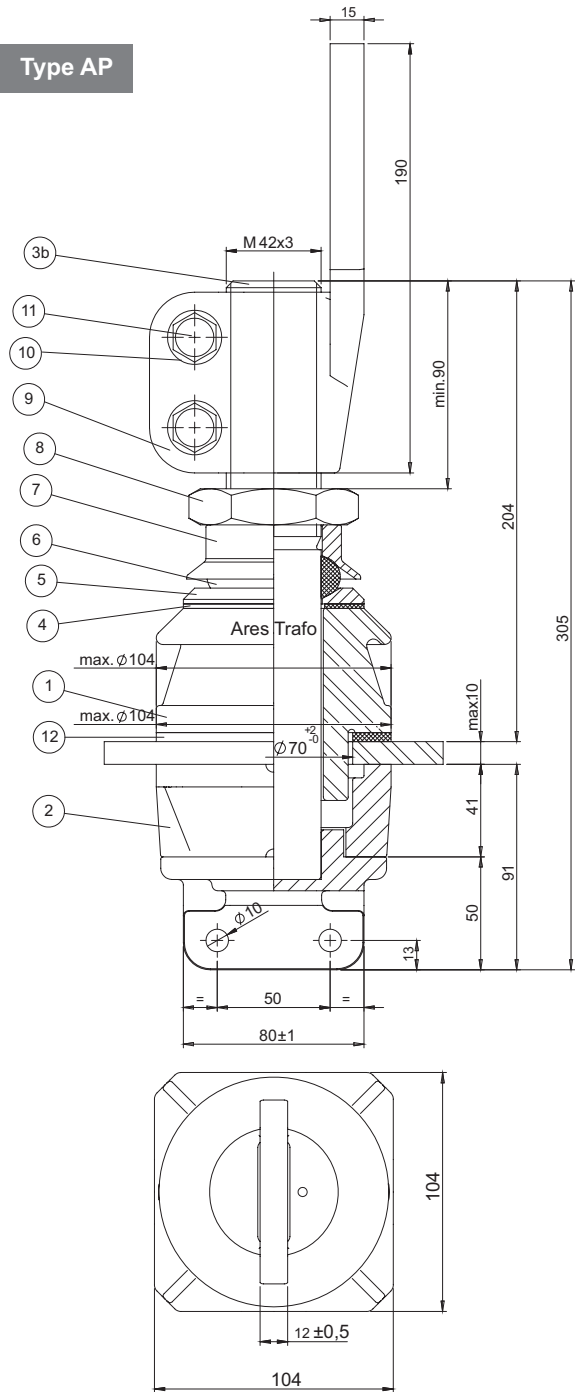
Type AP	Amper	l1	l2	s	t	d1	d2	d3	d4	d6	l3	d5	s1	l4	l5	s2	Creepage	kg
1/250	250	115	30	22	6	M12	56	28	58	50	40	56	15	65	192	5	55	0.5
1/630	630	163	30	32	6	M12	70	45	80	70	65	70	14	67	235	9	70	1.4

☐ -60°C FVMQ Gasket (Optional)

Type A



Type AP

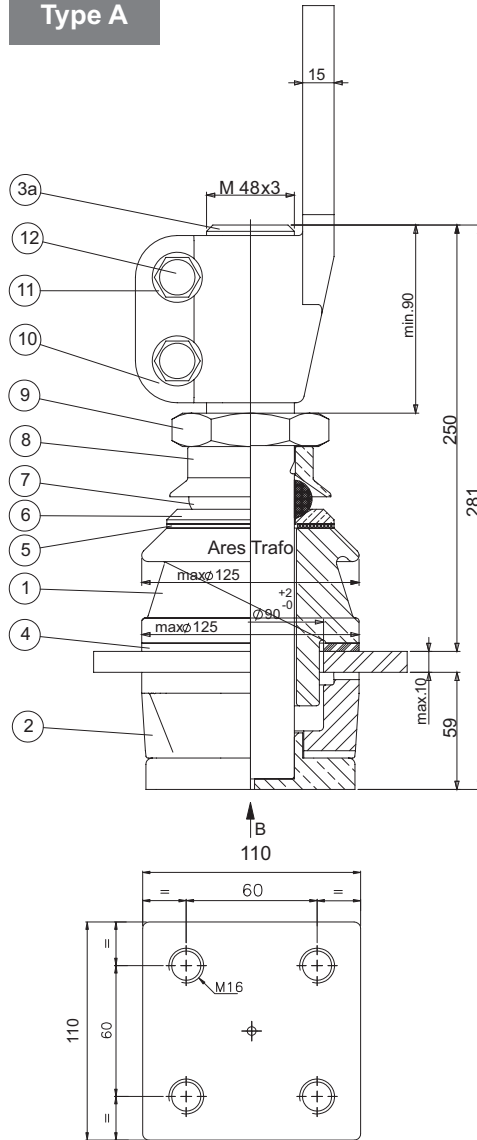


Pos	Description	Material	Qty
1	Top Porcelain	C110	1
2	Bottom Insulator	PA 6.6	1
3a	Stem for Type A	Cu-ETP	1
3b	Stem for Type AP	CuZn40Pb2 □ Cu-ETP □	1
4	"M" Gasket 80x45x2	NBR □ Viton □ Cork □	1
5	"G" Washer	NBR □ Viton □ Cork □	1
6	"J" Gasket 59x42x18	CuZn40Pb2	1

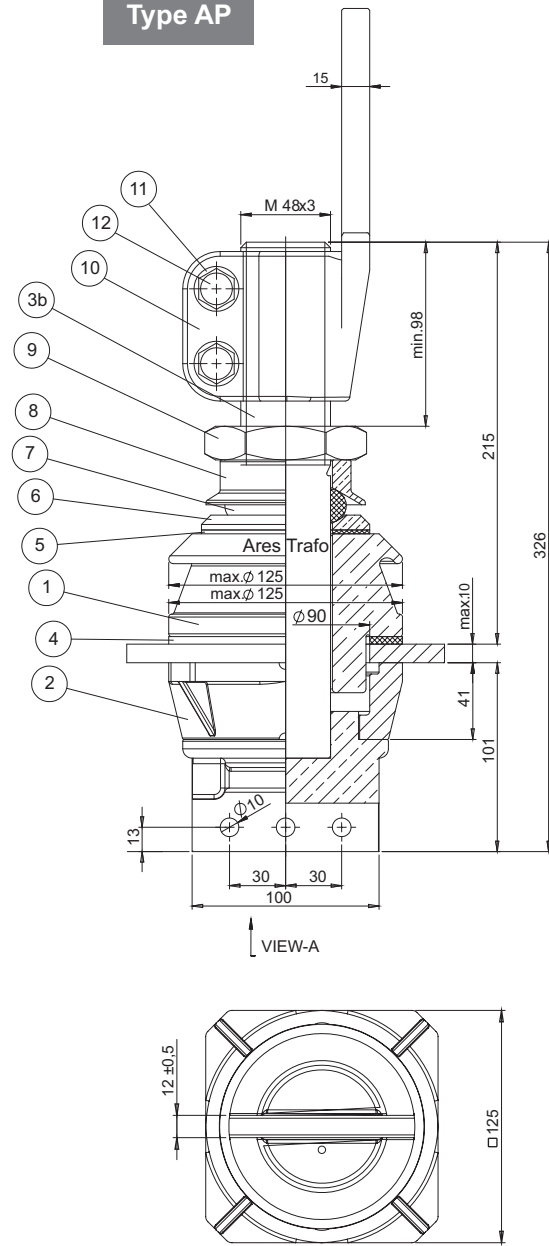
Pos	Description	Material	Qty
7	"E" Cap	NBR □ Viton □	1
8	Half Nut M42	CuZn40Pb2	1
9	Connection Flag	CuZn40Pb2	1
10	Washer M12	CuZn40Pb2	2
11	Bolt M12x50	St37 zinc □ A2-70 □	2
12	"N" Gasket 104x70x4	St37 zinc □ A2-70 □	1

□ -60°C FVMQ Gasket (Optional)

Type A



Type AP



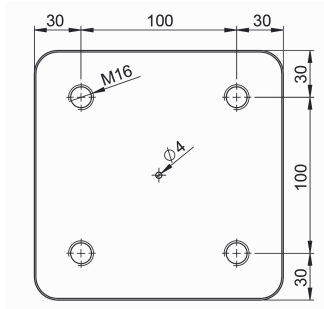
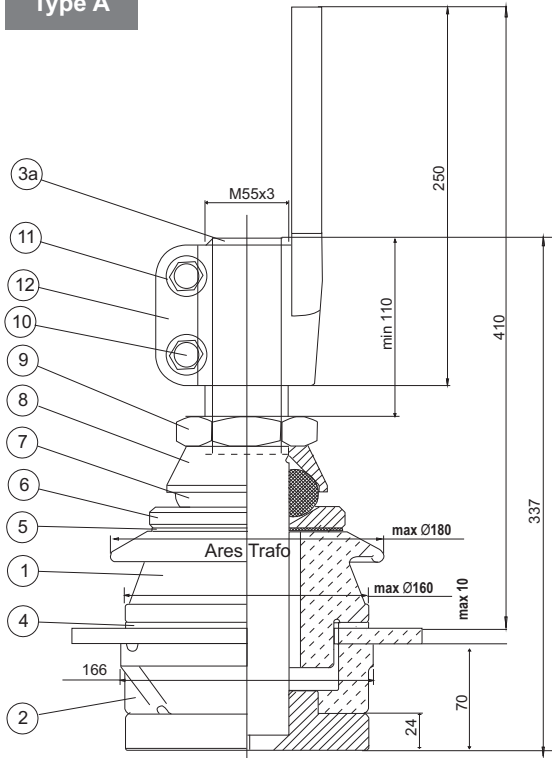
VIEW-A

Pos	Description	Material	Qty
1	Top Porcelain	C110	1
2	Bottom Insulator	PA 6.6	1
3a	Stem for Type A	Cu-ETP	1
3b	Stem for Type AP	CuZn40Pb2 □ Cu-ETP □	1
4	"N" Gasket 125x90x4	NBR □ Viton □ Cork □	1
5	"M" Gasket 90x50x2	NBR □ Viton □ Cork □	1
6	"G" Washer	CuZn40Pb2	1

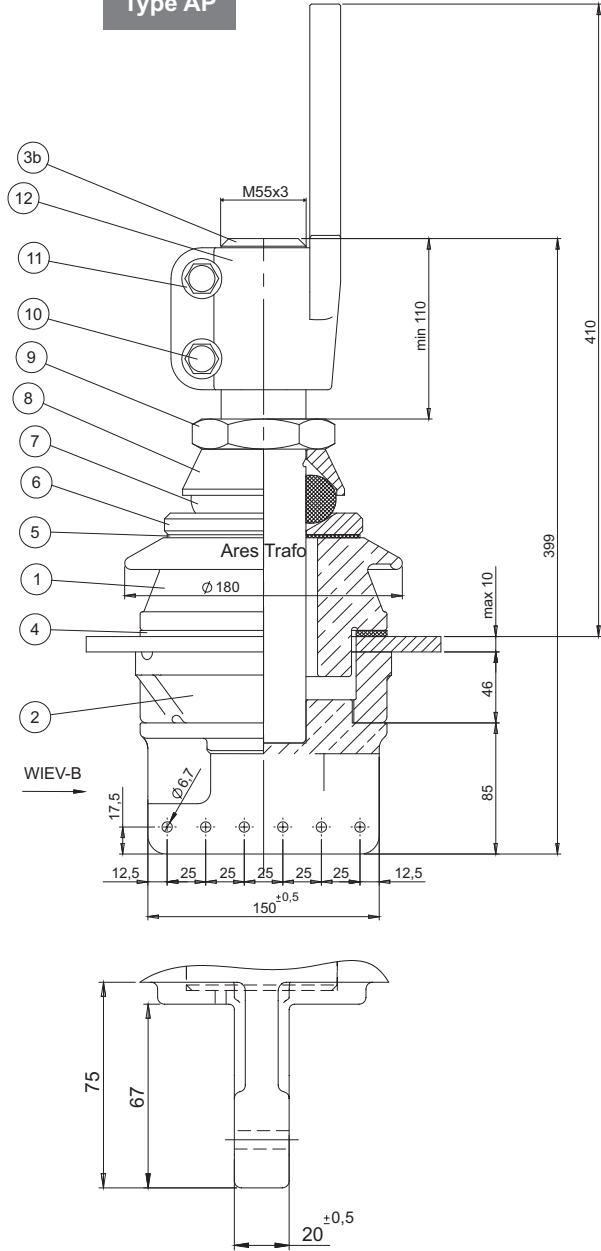
Pos	Description	Material	Qty
7	"J" Gasket 65x48x18	NBR □ Viton □	1
8	"E" Cap	CuZn40Pb2	1
9	Nut 48x3	CuZn40Pb2	1
10	Connection Flag	CuZn40Pb2	1
11	Washer M12	St37 zinc □ A2-70 □	2
12	Bolt M12x65	St37 zinc □ A2-70 □	2

□ -60°C FVMQ Gasket (Optional)

Type A



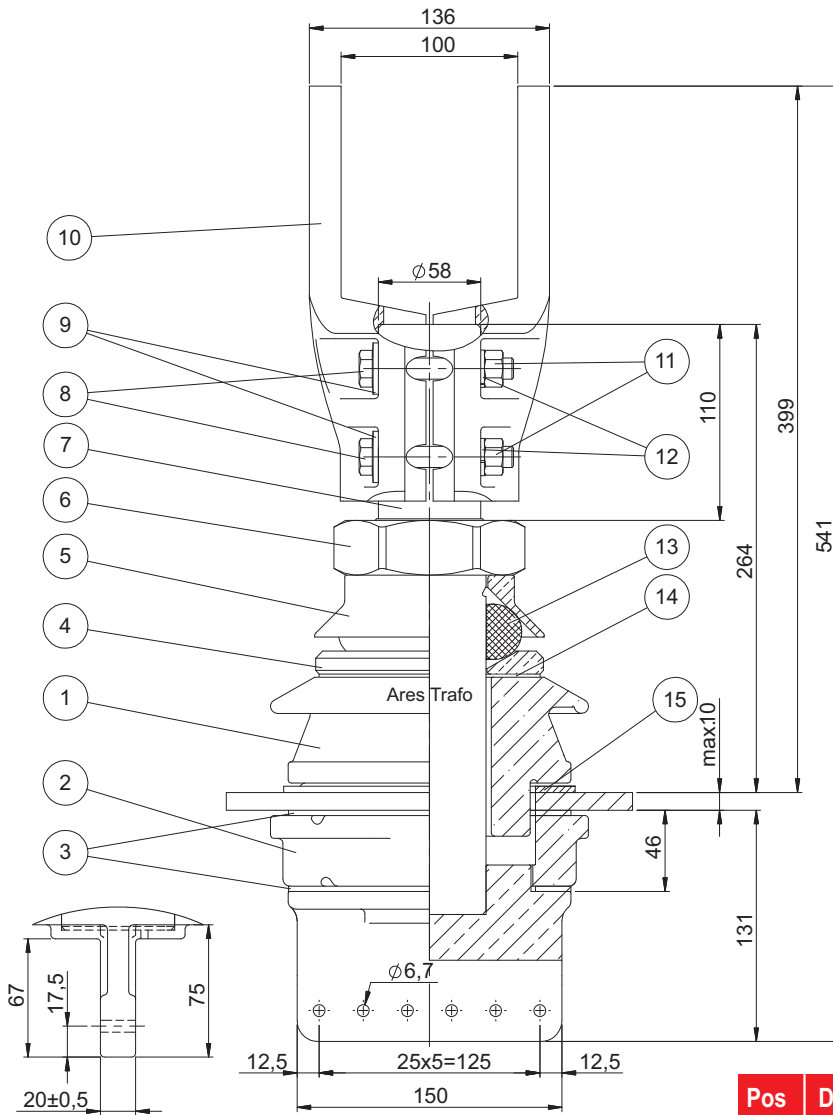
Type AP



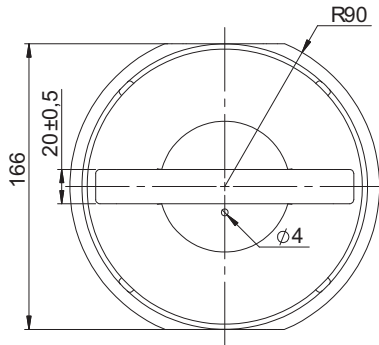
Pos	Description	Material	Qty
1	Top Porcelain	C110	1
2	Bottom Insulator	PA 6.6	1
3a	Stem for Type A	Cu-ETP	1
3b	Stem for Type AP	Cu-ETP	1
4	"N" Gasket 160x120x4	NBR ☐ Viton ☐ Cork ☐	1
5	"M" Gasket 125x56x2	NBR ☐ Viton ☐ Cork ☐	1
6	"G" Washer	CuZn40Pb2	1

Pos	Description	Material	Qty
7	"J" Gasket 94x55x30	NBR ☐ Viton ☐	1
8	"E" Cap	CuZn40Pb2	1
9	Nut M55x3	CuZn40Pb2	1
10	Bolt M12x65	St37 zinc ☐ A2-70 ☐	2
11	Washer M12	St37 zinc ☐ A2-70 ☐	2
12	Connection Flag	CuZn40Pb2	1

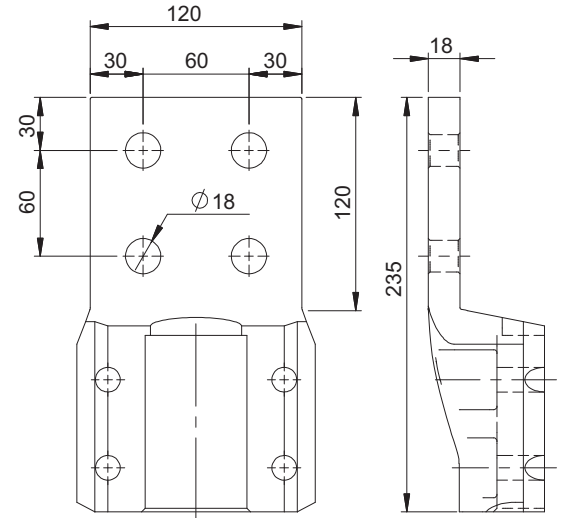
☐ -60°C FVMQ Gasket (Optional)



VIEW-A

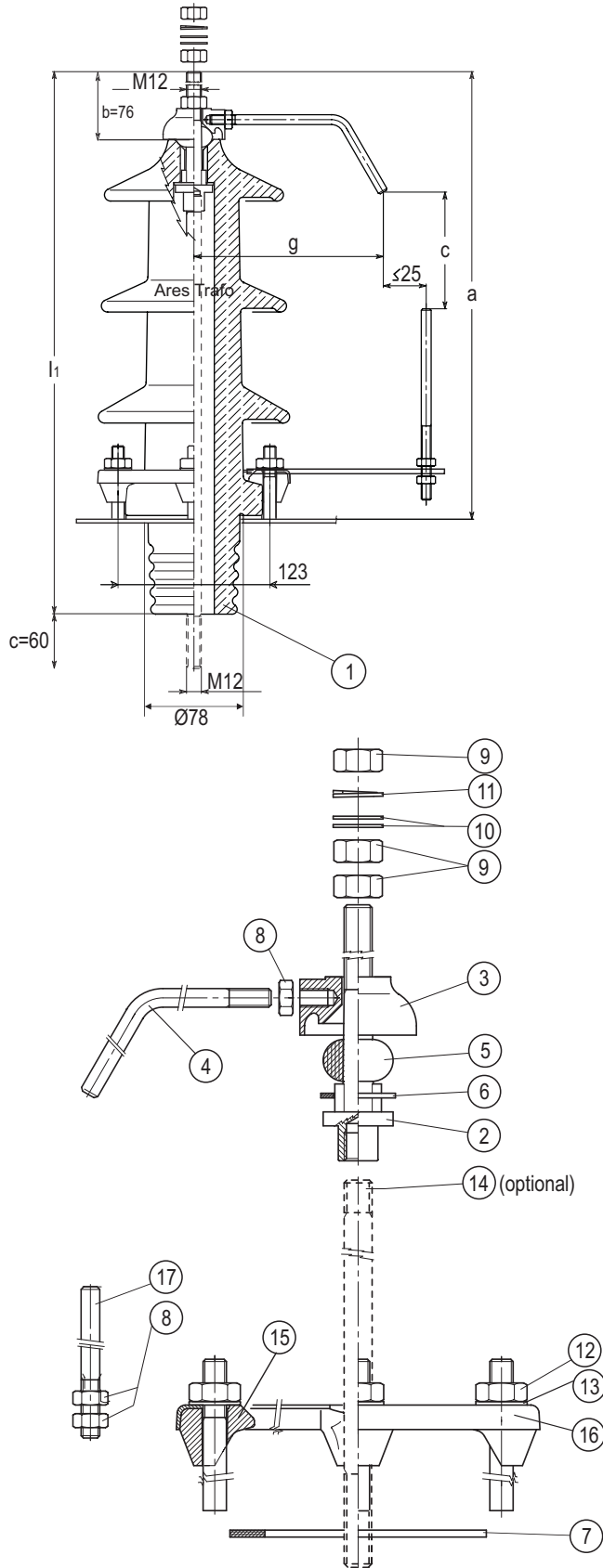


VIEW-A

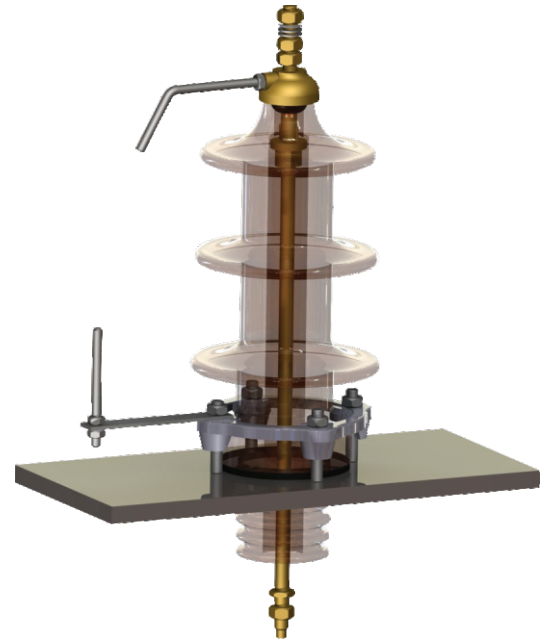


Pos	Description	Material	Qty
1	Top Porcelain	C110	1
2	Bottom Insulator	C110	1
3	"X" Gasket 160x120x3	Presspan	2
4	"G" Washer	CuZn40Pb2	1
5	"E" Cap	CuZn40Pb2	1
6	Half Nut M6x3	CuZn40Pb2	1
7	Stem	Cu-ETP	1
8	Bolt M12x80	St37 zinc □ A2-70 □	4
9	Washer M12	St37 zinc □ A2-70 □	4
10	Connection Flag	CuZn40Pb2	2
11	Nut M12	St37 zinc □ A2-70 □	4
12	Spring Washer	St37 zinc □ A2-70 □	4
13	"J" Gasket 104x64x30	NBR □ Viton □	1
14	"M" Gasket	NBR □ Viton □ Cork □	1
15	"N" Gasket	NBR □ Viton □ Cork □	1

□ -60°C FVMQ Gasket (Optional)

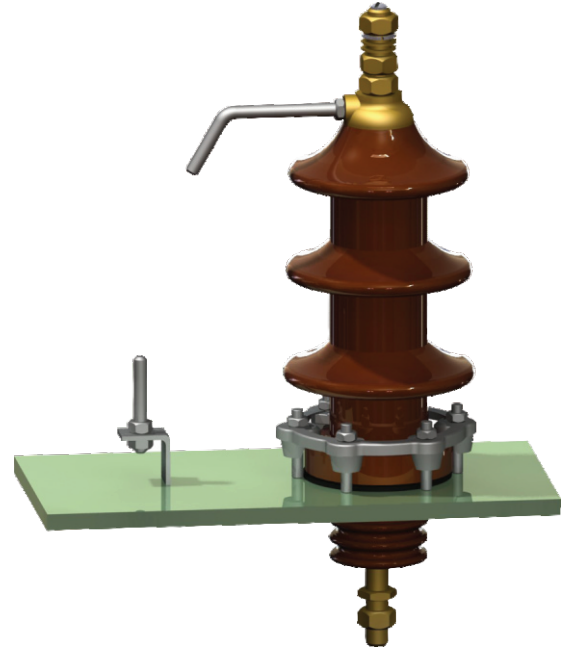
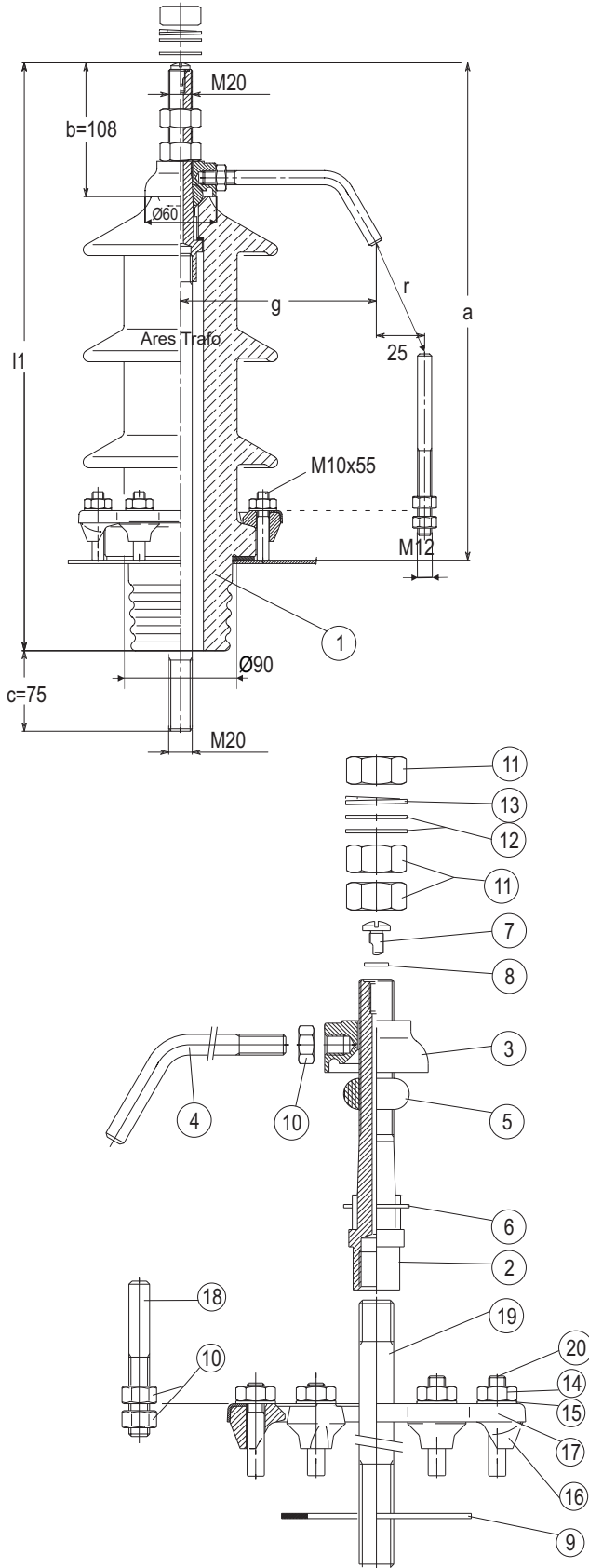


Ref.	a	c	g	l1	w(kg)
10NF 250A	310	85	150	371	4.5
20NF 250A	385	155	150	461	6.1
30NF 250A	485	220	170	561	7.5



Ref.	Parts	Material	250A
1	Porcelain	C110	1
2	Connecting Stud D M12	CuZn40Pb2	1
3	Cap E	CuZn40Pb2	1
4	Top Arcing Horn K M8	St37 zinc □ A2-70 □	1
5	Ring Gasket J	NBR	1
6	Shaped Packing O	NBR □ Presspan □	1
7	Flat Gasket N	NBR □ Cork □	1
8	Nut M8 DIN934	St37 zinc □ A2-70 □	3
9	Nut M12 DIN934	CuZn40Pb2	3
10	Washer 13 DIN125	CuZn40Pb2	2
11	Spring Washer 13 DIN 127	St37 zinc □ A2-70 □	1
12	Nut M10 DIN934	St37 zinc □ A2-70 □	4
13	Washer 10,5 DIN125	St37 zinc □ A2-70 □	4
14	Threaded Bolt M12 (optional)	CuZn40Pb2	1
15	Aluminium Clamp E DIN42538	Aluminium	1
16	Fixing Ring A DIN42538	Alu. □ Steel □ A2-70 □	1
17	Bottom Arcing Horn H M8	St37 zinc □ A2-70 □	1

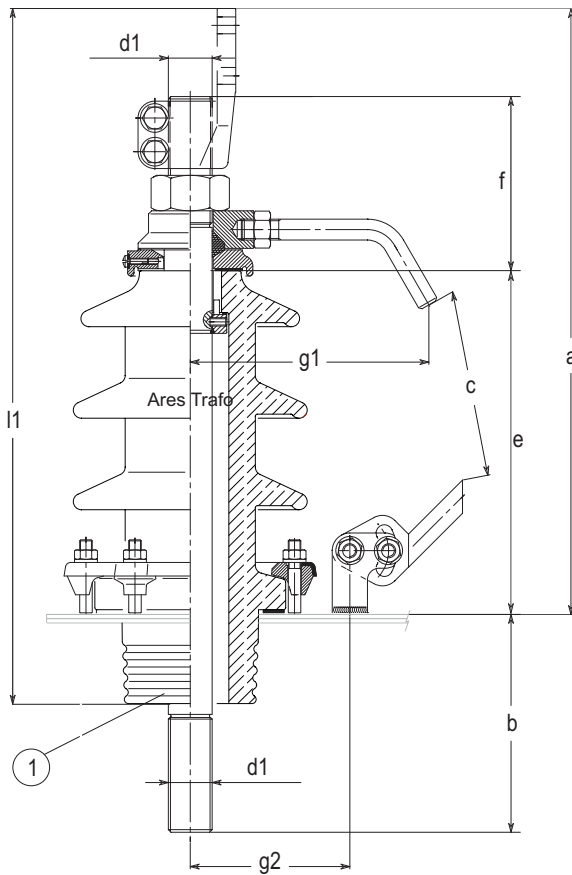
□ -60°C FVMQ Gasket (Optional)



Ref.	a	c	g	l1	w(kg)
10NF 630A	342	85	180	403	7.2
20NF 630A	417	155	180	493	9.2
30NF 630A	522	220	200	618	12.2

Ref.	Parts	Material	630A
1	Porcelain	C110	1
2	Connecting Stud D M20	CuZn40Pb2 □ Cu-ETP □	1
3	Cap E	CuZn40Pb2	1
4	Top Arcing Horn K M12	St37 zinc □ A2-70 □	1
5	Ring Gasket J	NBR	1
6	Shaped Packing O	NBR □ Presspan □	1
7	Vent Screw T M8x15	CuZn40Pb2	1
8	Gasket F	PA6	1
9	Flat Gasket N	NBR □ Cork □	1
10	Nut M12 DIN934	St37 zinc □ A2-70 □	3
11	Nut M20 DIN934	CuZn40Pb2	3
12	Washer 21 DIN125	CuZn40Pb2	2
13	Spring Washer 21 DIN 127	St37 zinc □ A2-70 □	1
14	Nut M10 DIN934	St37 zinc □ A2-70 □	6
15	Washer 10,5 DIN125	St37 zinc □ A2-70 □	6
16	Aluminium Clamp E DIN42538	Aluminium	6
17	Fixing Ring B DIN42538	Alu. □ Steel □ A2-70 □	1
18	Bottom Arcing Horn H M12	St37 zinc □ A2-70 □	1
19	Threaded Bolt M20 (optional)	CuZn40Pb2	1
20	Bottom Arcing Horn H M8	St37 zinc □ A2-70 □	1

□ -60°C FVMQ Gasket (Optional)

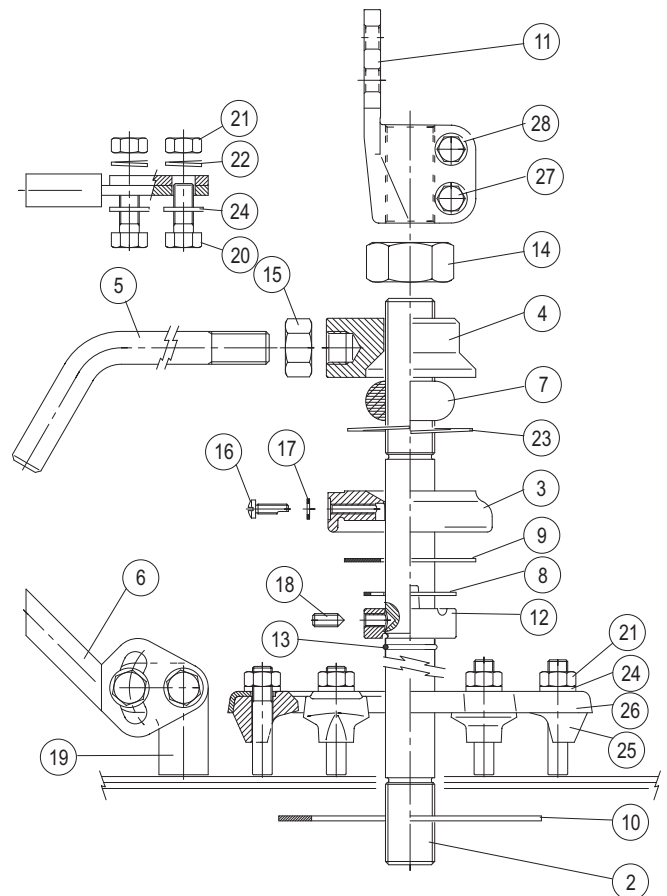


Ref.	a	b	d1	d3	d4	d5	e	f	l1	w(kg)
10 NF 1000	455	158	M30x2	110	100	163	239	148	541	15.2
20 NF 1000	530	168	M30x2	110	100	163	314	148	626	18.20
30 NF 1000	635	198	M30x2	110	100	163	419	148	756	21.90
10 NF 2000	530	158	M42x3	135	120	183	239	178	616	24.90
20 NF 2000	605	168	M42x3	135	120	183	314	178	701	29.00
30 NF 2000	710	198	M42x3	135	120	183	419	178	831	34.70
10 NF 3150	560	158	M48x3	135	120	183	239	183	646	28.50
20 NF 3150	635	168	M48x3	135	120	183	314	183	731	32.60
30 NF 3150	740	198	M48x3	135	120	183	419	183	861	38.80

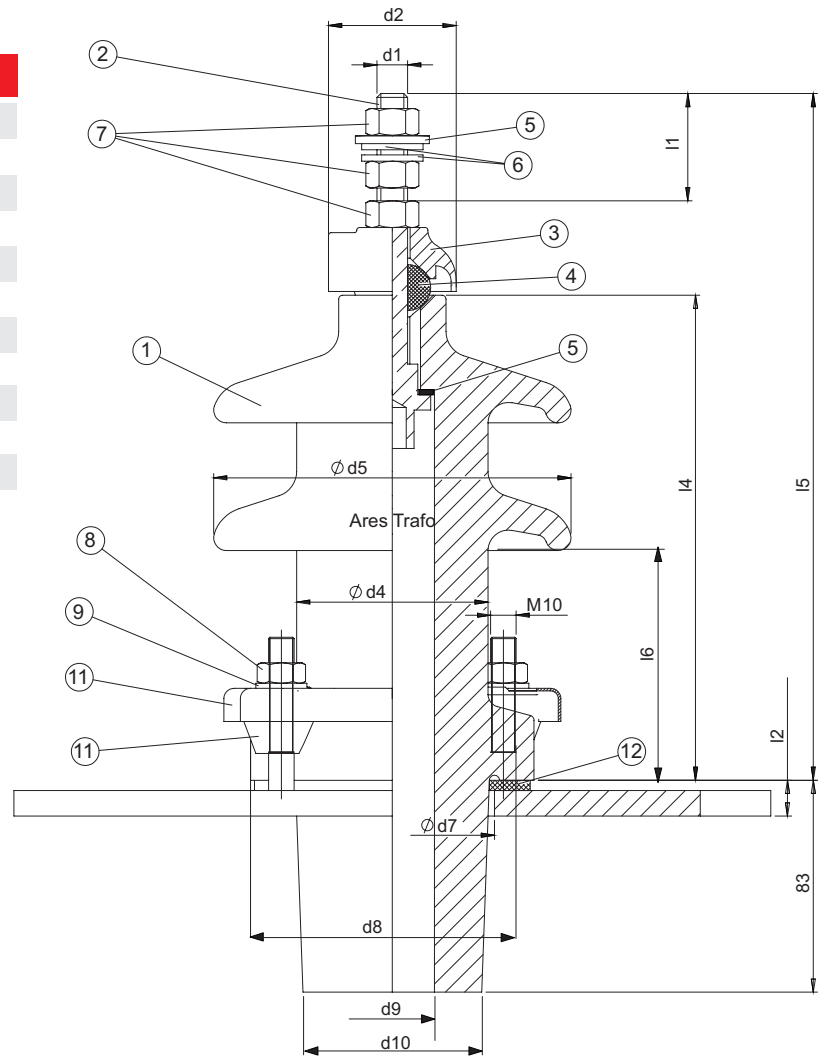
Ref.	a	b	d1	d3	d4	d5	e	f	l1	w(kg)
52 NF 1000	725	253	M30x2	135	120	183	509	148	901	35.20
52 NF 2000	800	253	M42x3	135	120	183	509	178	976	44.90
52 NF 3150	830	253	M48x3	135	120	183	509	183	1006	49.20

Ref.	Parts	Material	Qty.
1	Porcelain	C110	1
2	Connecting Stud D	Cu-ETP	1
3	Cap E	CuZn40Pb2	1
4	Washer F	CuZn40Pb2	1
5	Top Arcing Horn G M20	St37 zinc □ A2-70 □	1
6	Bottom Arcing Horn H M20	St37 zinc □ A2-70 □	1
7	Ring Gasket J	NBR □ Viton □	1
8	Shaped Packing O	NBR □ Viton □ Presspan □	1
9	Plain Gasket M	NBR □ Viton □ Presspan □	1
10	Flange Gasket N	NBR □ Viton □ Cork □	1
11	Connection Flag	CuZn40Pb2	1
12	Press Ring P	CuZn40Pb2	1
13	Ring S	Cu-ETP	1
14	Nut DIN934	CuZn40Pb2	1
15	Nut M20 DIN934	St37 zinc □ A2-70 □	1
16	Vent Screw R M6x15 DIN42533	CuZn40Pb2	1
17	Washer 6.4 / DIN125	PTFE	1
18	Setscrew M8x15 DIN 553	CuZn40Pb2	2
19	Bracket T	St37 zinc □ A2-70 □	1
20	Hexagon Head Screw M12x30 DIN933	St37 zinc □ A2-70 □	2
21	Nut M12 DIN934	St37 zinc □ A2-70 □	8
22	Spring Washer 13 DIN127	St37 zinc □ A2-70 □	2
23	Contact Ring U	Cu-ETP	1
24	Washer 13 DIN125	St37 zinc □ A2-70 □	8
25	Aluminium Clamp F DIN42538	Aluminium	6
26	Fixing Ring C-D DIN42538	Alu. □ Steel □ A2-70 □	1
27	Hexagon Head Screw M12	St37 zinc □ A2-70 □	2
28	Washer 10,5 DIN125	St37 zinc □ A2-70 □	2

□ -60°C FVMQ Gasket (Optional)



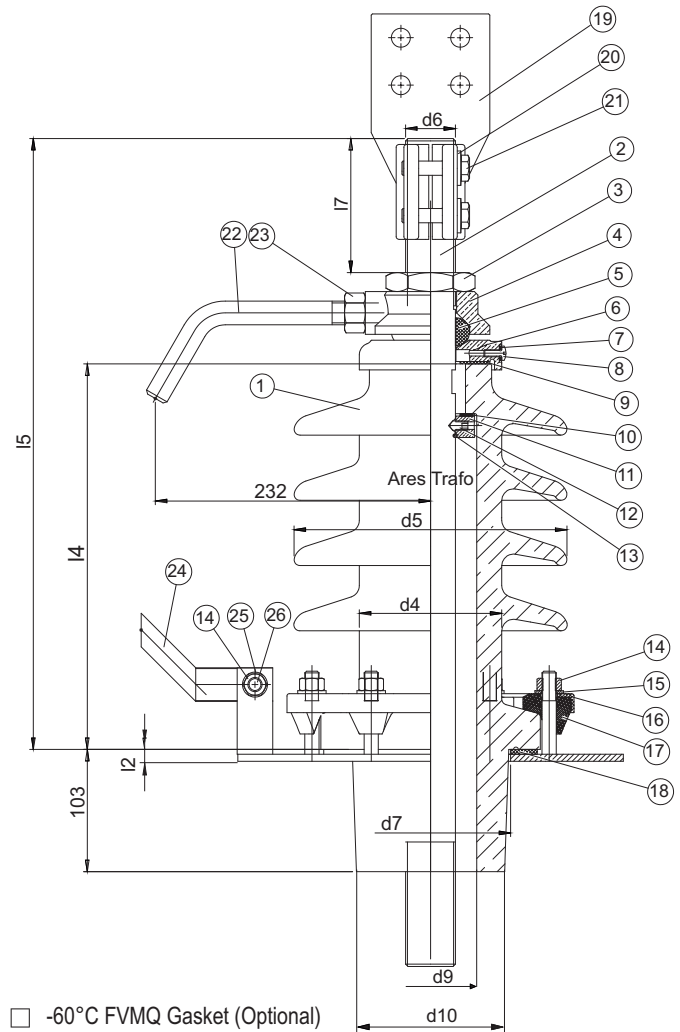
Pos	Description	Material	250A	630A
1	Porcelain	C110	1	1
2	Stem	CuZn40Pb2	1	1
3	Cap "E"	CuZn40Pb2	1	1
4	"J" Gasket	NBR □ Viton □	1	1
5	"O" Gasket	NBR □ Viton □	1	1
6	Washer M12	CuZn40Pb2	2	2
7	Nut M12	CuZn40Pb2	3	3
8	Nut M10	St37 zinc □ A2-70 □	4	6
9	Washer M10	St37 zinc □ A2-70 □	4	6
10	Bushing Flange	Alu. □ St37 zinc □ A2-70 □	1	1
11	Alu-Clamping	Aluminium	4	6
12	"N" Gasket	NBR □ Viton □ Cork □	1	1



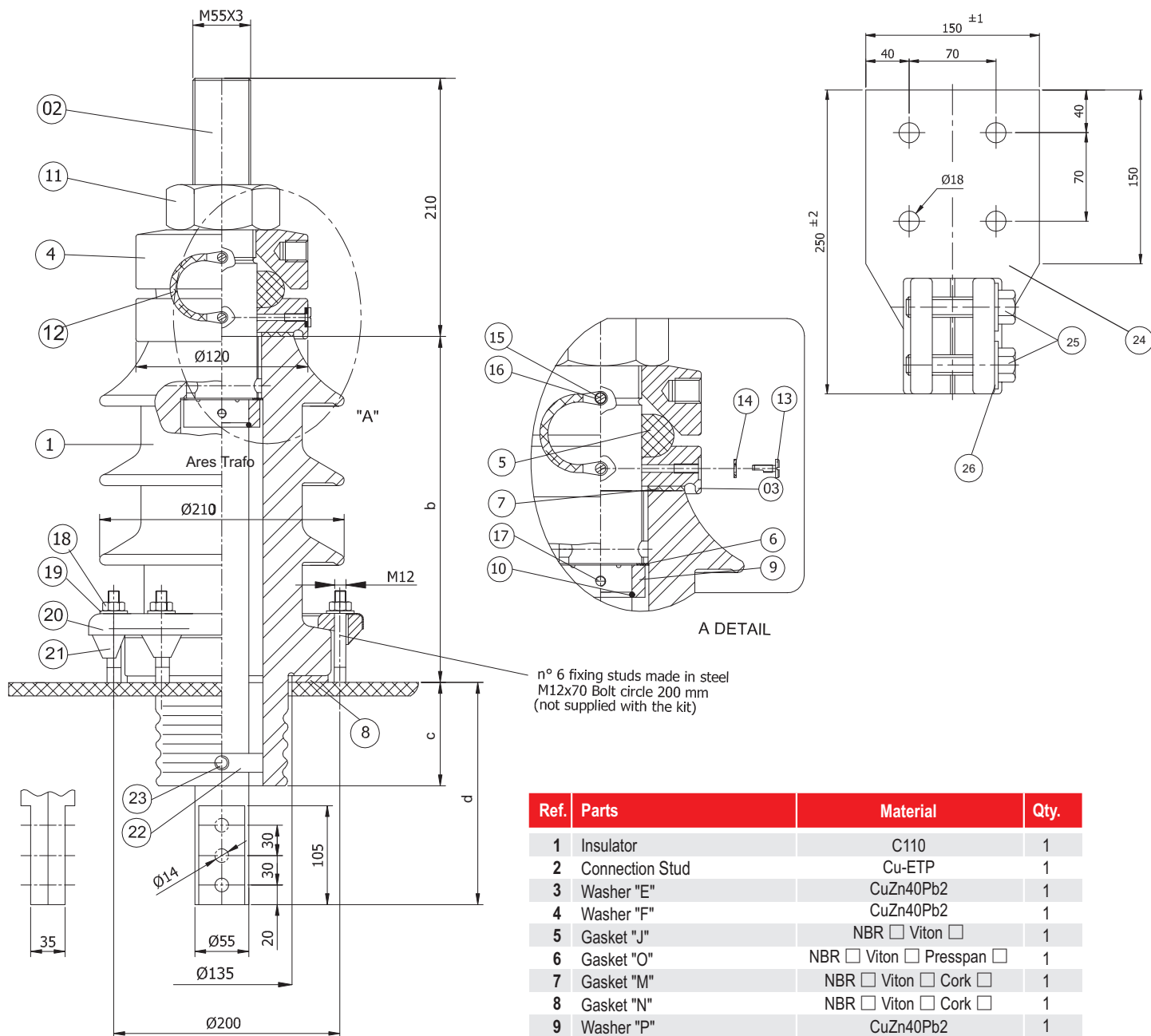
□ -60°C FVMQ Gasket (Optional)

		Creepage Distance					Arcing Distance																
Type	kV	I	II	III	IV	Type	e	I1	I2	I4	I5	I6	d1	d2	d3	d4	d5	d6	d7	d8	d9	d10	w(kg)
12-250/P1	12	192				1	145	45	15	190	270	90	M12	50	123	75	140	77	80	111	33	70	7.40
12-250/P2	12		240			1	145	45	15	190	270	90	M12	50	123	75	140	77	80	111	33	70	7.40
12-250/P4	12			300	372	2	260	45	15	304	384	90	M12	50	123	80	150	77	80	111	33	70	9.50
24-250/P2	24	384	480			2	260	45	15	304	384	90	M12	50	123	80	150	77	80	111	33	70	9.50
24-250/P3	24			600		3	315	45	15	357	437	90	M12	50	123	80	155	77	80	111	33	70	10.60
36-250/P1	36	576				3	315	45	15	357	437	90	M12	50	123	80	155	77	80	111	33	70	10.60
24-250/P4	24				744	4	465	45	15	516	596	90	M12	50	123	80	155	77	80	111	33	70	13.35
36-250/P3	36		720	900		4	465	45	15	516	596	90	M12	50	123	80	155	77	80	111	33	70	13.35
36-250/P4	36				1116	5	485	45	15	516	596	90	M12	50	123	80	190	77	80	111	33	70	16.00
Type	kV	I	II	III	IV	Type	e	I1	I2	I4	I5	I6	d1	d2	d3	d4	d5	d6	d7	d8	d9	d10	w(kg)
12-630/P3	12	192	240	300		6	190	70	20	235	350	90	M20	60	140	80	155	87	90	128	39	75	10.35
12-630/P4	12				372	7	285	70	20	325	440	90	M20	60	140	85	170	87	90	128	39	75	12.25
24-630/P2	24	384	480			7	285	70	20	325	440	90	M20	60	140	85	170	87	90	128	39	75	12.25
24-630/P4	24			600	744	8	375	70	20	423	540	100	M20	60	140	85	180	87	90	128	39	75	14.75
36-630/P2	36	576	720			8	375	70	20	423	540	100	M20	60	140	85	180	87	90	128	39	75	14.75
36-630/P4	36			900	1116	9	475	70	20	515	630	100	M20	60	140	85	210	87	90	128	39	75	19.40

Pos	Description	Material	Qty
1	Porcelain	C110	1
2	Stem	Cu-ETP	1
3	Half Nut M48	CuZn40Pb2	1
4	"F" Washer	CuZn40Pb2	1
5	"J" Gasket	NBR ☐ Viton ☐	1
6	"E" Washer	CuZn40Pb2	1
7	Gasket	Klingerid	1
8	"R" Bolt	Brass	1
9	"M" Gasket	NBR ☐ Viton ☐ Cork ☐	1
10	"O" Gasket	NBR ☐ Klingerid ☐	1
11	Presring	CuZn40Pb2	1
12	Setscrew	St37 zinc ☐ A2-70 ☐	2
13	S Ring	Cu-ETP	1
14	Nut M12	St37 zinc ☐ A2-70 ☐	7
15	Washer M12	St37 zinc ☐ A2-70 ☐	6
16	Bushing Flange	Alu. ☐ St37 zinc ☐ A2-70 ☐	1
17	Alu-Clamping DIN 42538	Aluminium	6
18	"N" Gasket	NBR ☐ Viton ☐ Cork ☐	1
19	Connection Flag	CuZn40Pb2	1
20	Washer M12	St37 zinc ☐ A2-70 ☐	2
21	Bolt M12x50	St37 zinc ☐ A2-70 ☐	2
22	Top Arcing Horn	St37 zinc ☐ A2-70 ☐	1
23	Nut M20	St37 zinc ☐ A2-70 ☐	1
24	Bottom Arcing Horn	St37 zinc ☐ A2-70 ☐	1
25	Spring Washer	St37 zinc ☐ A2-70 ☐	1
26	Bolt M12x30	St37 zinc ☐ A2-70 ☐	1

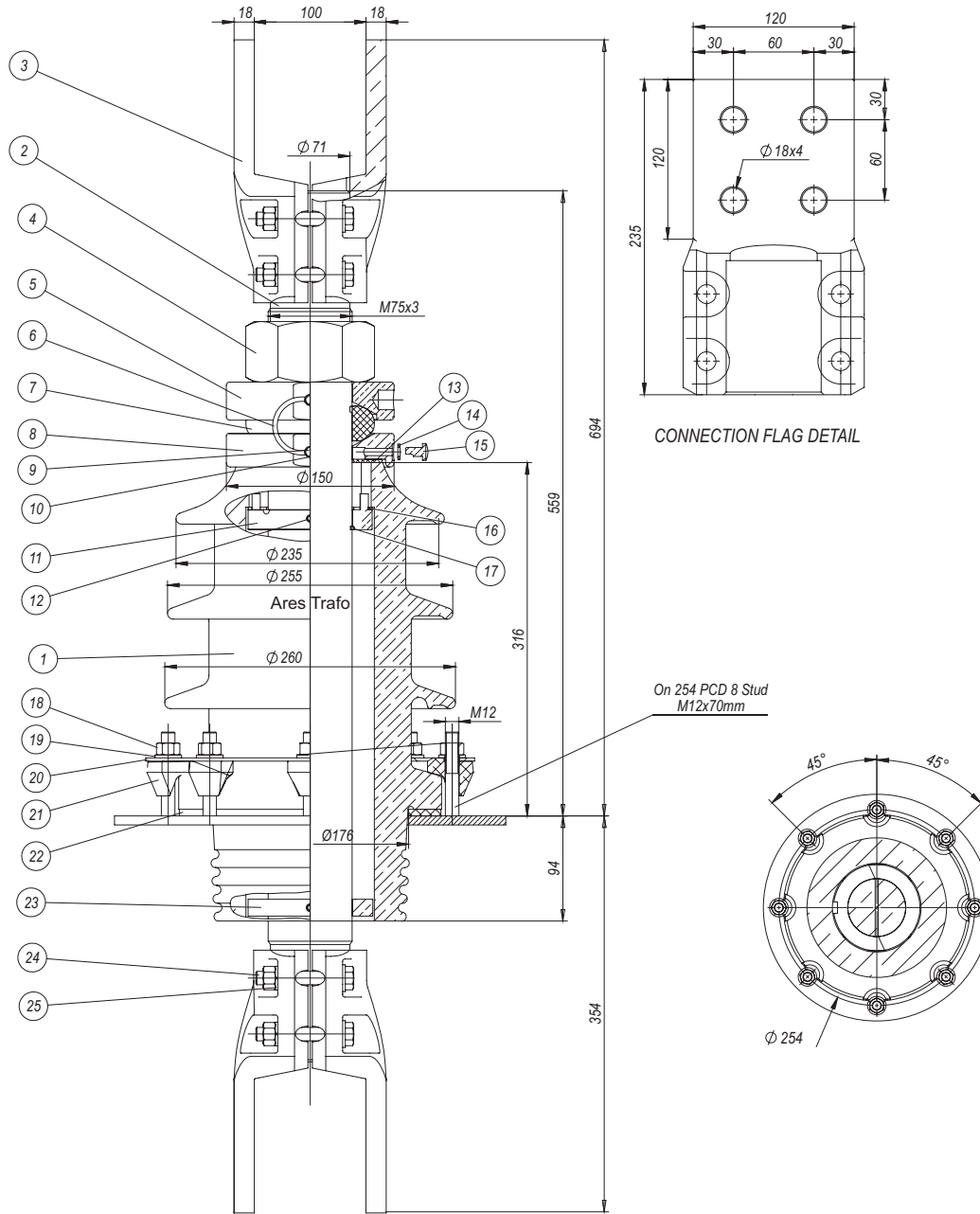


		Creepage Distance						Arcing Distance															
Type	kV	I	II	III	IV	Type	e	I2	I4	I5	I7	d1	d3	d4	d5	Thread	d6	d7	d8	d9	d10	w(kg)	
12-1250/P4	12	192	240	300	372	21	215	25	260	415	80	107	185	100	210	M30x2	107	110	165	58	100	12.40	
24-1250/P3	24	384	480	600		22	280	25	325	480	80	107	185	100	210	M30x2	107	110	165	58	100	13.80	
24-1250/P4	24				744	23	385	25	420	575	80	107	185	100	240	M30x2	107	110	165	58	100	15.50	
36-1250/P3	36	576	720	900		23	385	25	420	575	80	107	185	100	240	M30x2	107	110	165	58	100	15.50	
36-1250/P4	36				1116	24	500	25	535	690	80	107	185	100	240	M30x2	107	110	165	58	100	17.00	
Type	kV	I	II	III	IV	Type	e	I1	I2	I4	I5	I6	d1	d2	d3	d4	d5	d6	d7	d8	d9	d10	w(kg)
12-2000/P4	12	192	240	300	372	25	210	30	260	450	100	132	205	120	230	M42x3	132	135	185	78	125	19.50	
12-3150/P4	12	192	240	300	372	25	210	30	260	470	120	132	205	120	230	M48x3	132	135	185	78	125	22.50	
24-2000/P3	24	384	480	600		26	275	30	325	515	100	132	205	120	230	M42X3	132	135	185	78	125	25.00	
24-3150/P3	24	384	480	600		26	275	30	325	535	120	132	205	120	230	M48X3	132	135	185	78	125	29.50	
24-2000/P4	24				744	27	385	30	420	610	100	132	205	125	260	M42X3	132	135	185	78	125	30.50	
36-2000/P3	36	576	720	900		27	385	30	420	610	100	132	205	125	260	M42X3	132	135	185	78	125	30.50	
24-3150/P4	24				744	27	385	30	420	630	120	132	205	125	260	M48X3	132	135	185	78	125	32.00	
36-3150/P3	36	576	720	900		27	385	30	420	630	120	132	205	125	260	M48X3	132	135	185	78	125	32.00	
36-2000/P4	36				1116	28	495	30	535	725	100	132	205	125	260	M42X3	132	135	185	78	125	32.50	
36-3150/P4	36				1116	28	495	30	535	745	120	132	205	125	260	M48X3	132	135	185	78	125	34.00	



Ref.	Parts	Material	Qty.
1	Insulator	C110	1
2	Connection Stud	Cu-ETP	1
3	Washer "E"	CuZn40Pb2	1
4	Washer "F"	CuZn40Pb2	1
5	Gasket "J"	NBR ☐ Viton ☐	1
6	Gasket "O"	NBR ☐ Viton ☐ Presspan ☐	1
7	Gasket "M"	NBR ☐ Viton ☐ Cork ☐	1
8	Gasket "N"	NBR ☐ Viton ☐ Cork ☐	1
9	Washer "P"	CuZn40Pb2	1
10	"S" Ring	Cu-ETP	1
11	Nut M55	CuZn40Pb2	1
12	Arc Cable	Cable	1
13	Bolt "T" M8	CuZn40Pb2	1
14	Washer for M8	Polyamid	1
15	Bolt M5x8	St37 zinc ☐ A2-70 ☐	2
16	Washer for M5	St37 zinc ☐ A2-70 ☐	2
17	Setscrew M8x15	St37 zinc ☐ A2-70 ☐	2
18	Nut M12 Iso4032	St37 zinc ☐ A2-70 ☐	6
19	Washer for M12	St37 zinc ☐ A2-70 ☐	6
20	Fixing Ring "D"	St37 zinc ☐ Aluminium ☐	1
21	Alu-Clamping D1n 42538	Aluminium	6
22	Center Ring	CuZn40Pb2	1
23	Setscrew M8x10	St37zinc ☐ A2-70 ☐	2

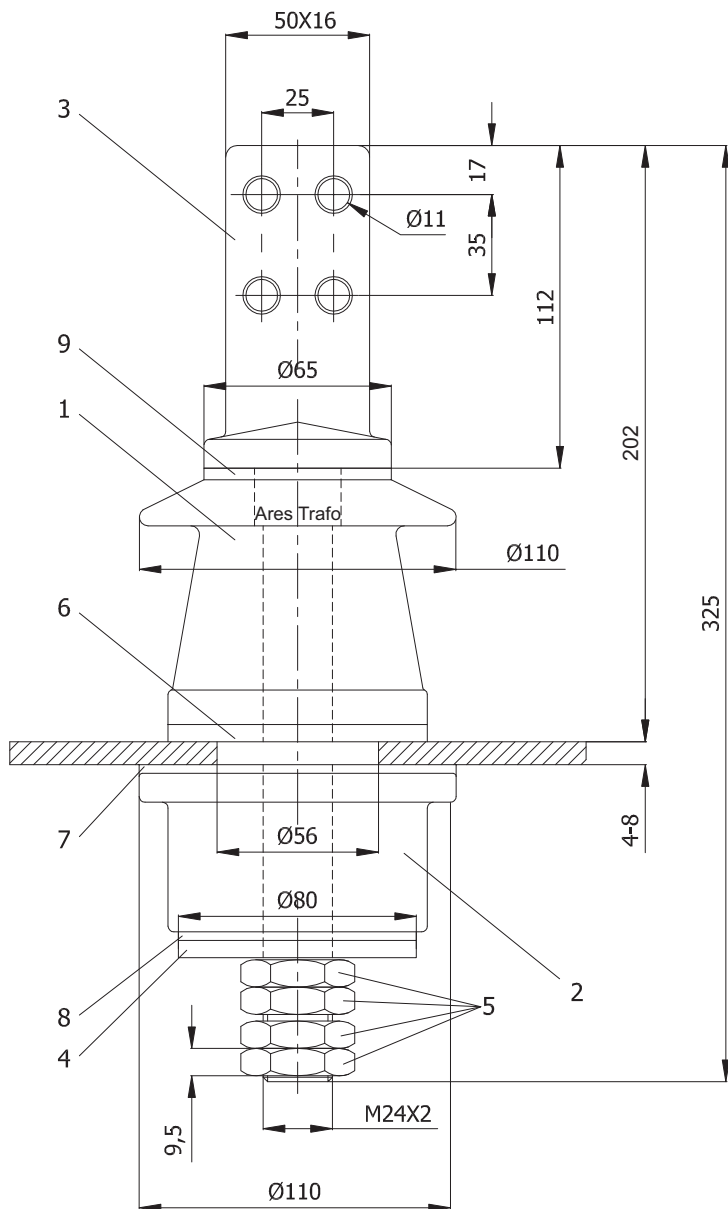
☐ -60°C FVMQ Gasket (Optional)



Pos	Description	Material	Qty
1	Insulator	C110	1
2	Stud	Cu-ETP	1
3	Connection Flag	CuZn40Pb2	4
4	Nut 75x3	CuZn40Pb2	1
5	"F" Washer	CuZn40Pb2	1
6	Arc Cable	Cable	1
7	"J" Gasket 115x75x30	NBR ☐ Viton ☐	1
8	E Washer	NBR ☐ Viton ☐ Cork ☐	1
9	Bolt M5x8	CuZn40Pb2	2
10	Washer For M5	Polyamid	2
11	"P" Ring	Brass	1
12	Set screw M8x15	St37 zinc ☐ A2-70 ☐	4
13	"M" Gasket 129x77x3	NBR ☐ Viton ☐ Cork ☐	1

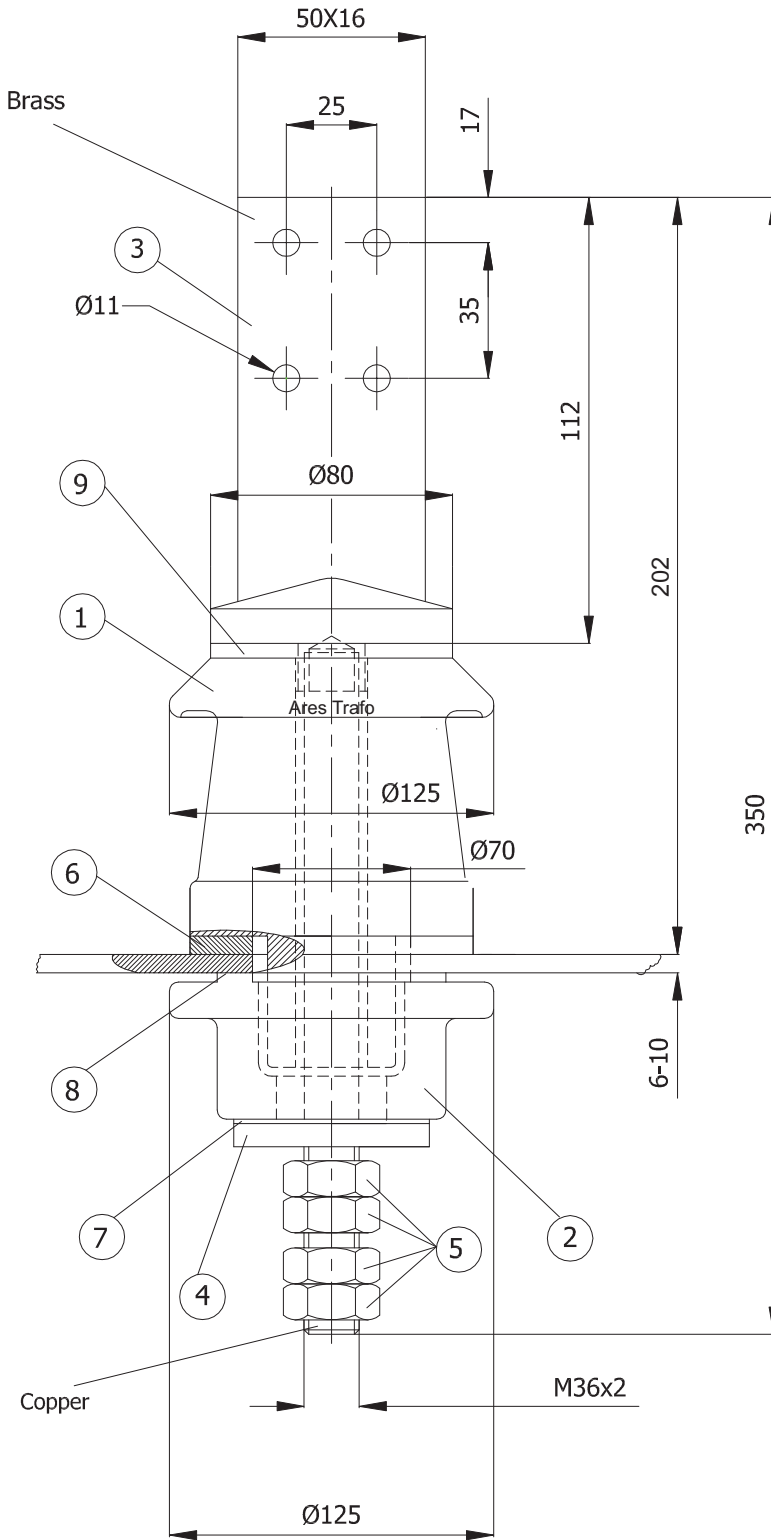
	Description	Material	Qty
14	Washer M8	Brass	1
15	Bolt "T" M8	St37 zinc ☐ A2-70 ☐	1
16	"O" Gasket	NBR ☐ Viton ☐ Presspan ☐	1
17	"S" Ring	Cu-ETP	1
18	Nut M12	St37 zinc ☐ A2-70 ☐	16
19	Washer M12	St37 zinc ☐ A2-70 ☐	16
20	"O" Clamp	Cu-ETP	1
21	Alu-Clamping DIN 42538	Aluminium	8
22	"N" Gasket 23x176x6	NBR ☐ Viton ☐ Cork ☐	1
23	Center Ring	Brass	1
24	Bolt M12x80	St37 zinc ☐ A2-70 ☐	8
25	Spring Washer	St37 zinc ☐ A2-70 ☐	8

☐ -60°C FVMQ Gasket (Optional)



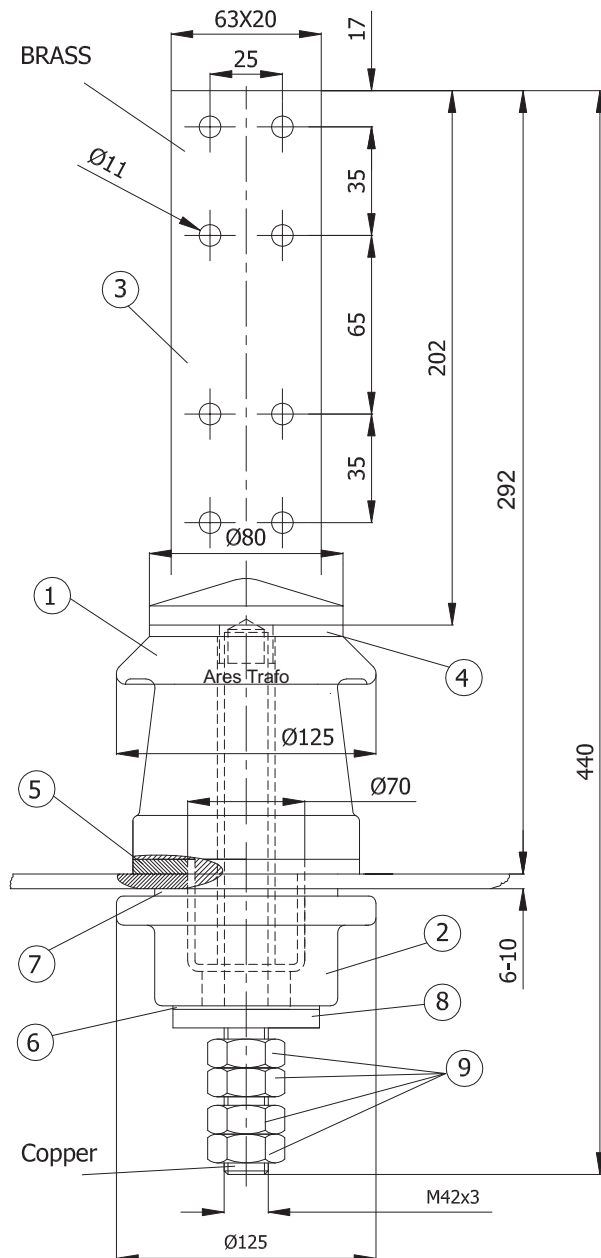
Pos	Description	Material	Qty
1	Porcelain Upper Part	C110	1
2	Porcelain Bottom Part	C110	1
3	Stem+Flag	E-Cu+Brass	1
4	Washer	Brass ☐ A2-70 ☐	1
5	Brass Lock Nut M24	Brass	4
6	Flange Gasket "N"	Cork	1
7	Internal Gasket "X"	Presspan	1
8	Internal Gasket "P"	Presspan	1
9	Plain Gasket "M"	Cork	1

☐ -60°C FVMQ Gasket (Optional)



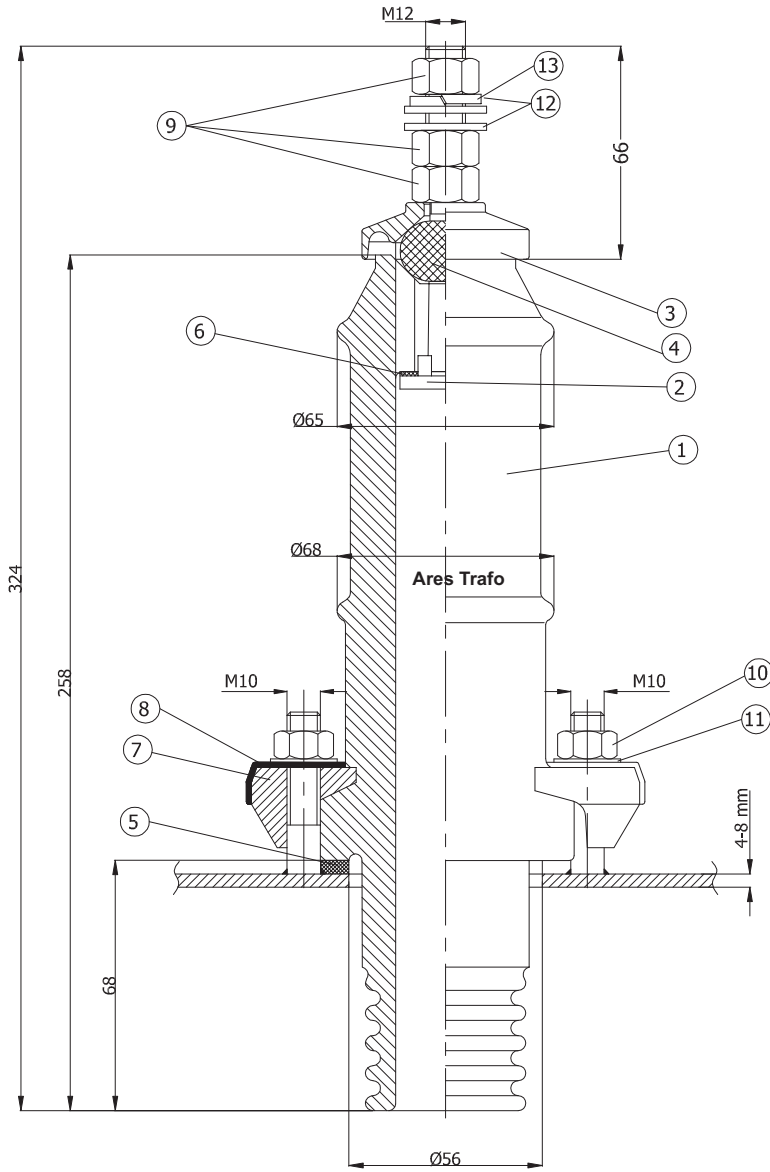
Pos	Description	Material	Qty
1	Porcelain Upper Part	C110	1
2	Porcelain Bottom Part	C110	1
3	Stem+Flag	E-Cu+Brass	1
4	Flat Washer	Brass □ A2-70 □	1
5	Brass Lock Nut M24	Brass	4
6	Flange Gasket "N"	Cork	1
7	Internal Gasket "R"	Presspan	1
8	Internal Gasket "X"	Presspan	1
9	Plain Gasket "M"	Cork	1

□ -60°C FVMQ Gasket (Optional)

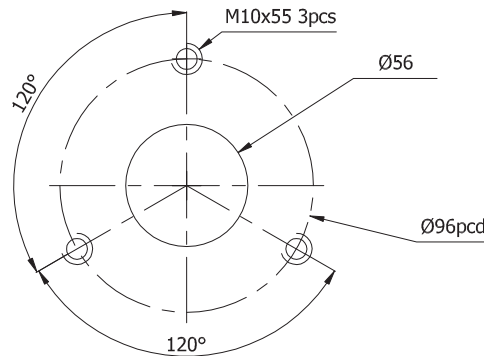


Pos	Description	Material	Qty
1	Porcelain Upper Part	C110	1
2	Porcelain Bottom Part	C110	1
3	Stem+Flag	E-Cu + Brass	1
4	"M" Gasket	Cork	1
5	"N" Gasket	Cork	1
6	"R" Gasket	Presspan	1
7	"X" Gasket	Presspan	1
8	Flat Washer	Brass □ A2-70 □	1
9	Lock Nut DIN 4035	Brass	4

☐ -60°C FVMQ Gasket (Optional)

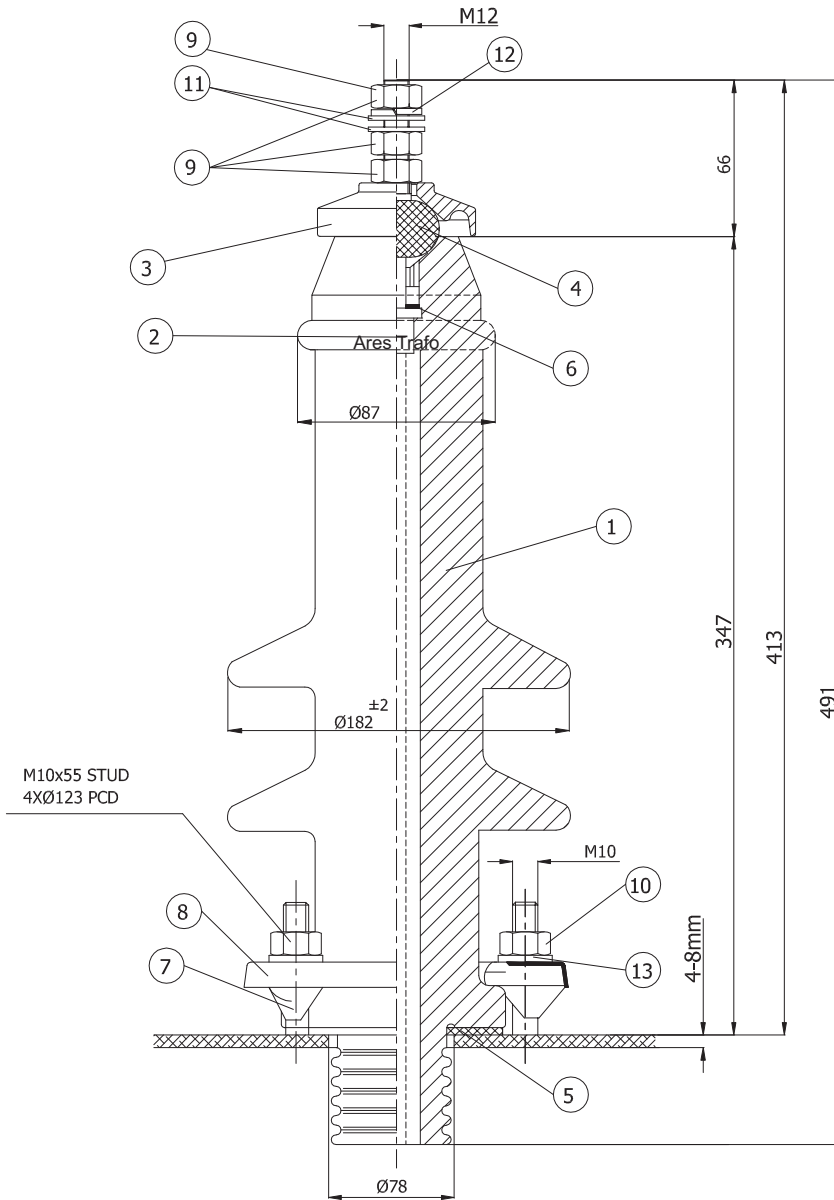


Pos	Description	Material	Qty
1	Porcelain	C110	1
2	Stem	Brass	1
3	Brass Cap "E"	Brass	1
4	"J" Gasket	NBR	1
5	Gasket "N"	Cork	1
6	Gasket "O"	Presspan	1
7	Alu. Clamping	Aluminium	3
8	Fixing Ring	St37 zinc □ A2-70 □	1
9	M12 Nut	Brass	3
10	M10 Nut	St37 zinc □ A2-70 □	3
11	Washer For M10	St37 zinc □ A2-70 □	3
12	Washer For M12	Brass	3
13	Spring Washer For M12	St37 zinc □ A2-70 □	1

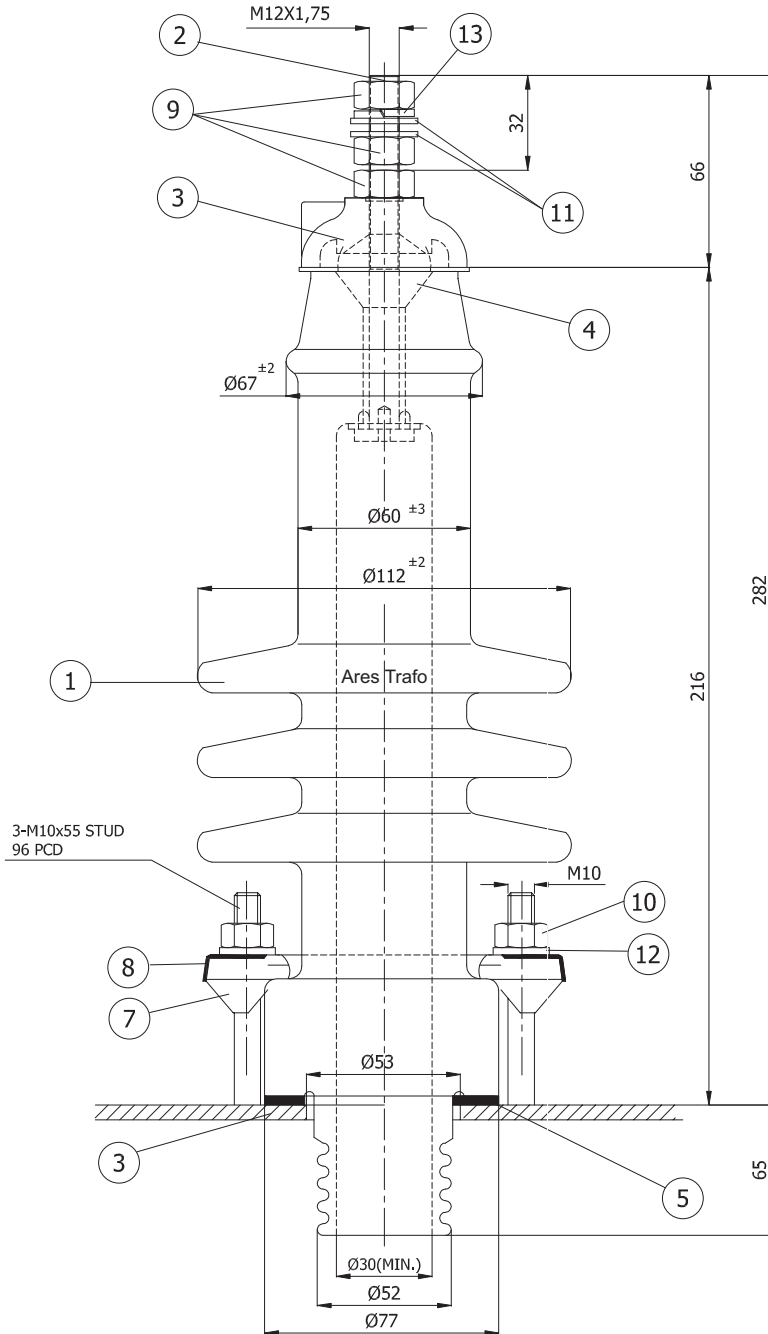


□ -60°C FVMQ Gasket (Optional)

Pos	Description	Material	Qty
1	Porcelain	C110	1
2	Stem	Brass	1
3	Brass Cap "E"	Brass	1
4	"J" Gasket	NBR	1
5	Gasket "N"	Cork	1
6	Gasket "O"	Presspan	1
7	Alu. Clamping	Aluminium	4
8	Fixing Ring	St37 zinc □ A2-70 □	1
9	M12 Nut	Brass	3
10	M10 Nut	St37 zinc □ A2-70 □	4
11	Washer For M12	Brass	2
12	Spring Washer For M12	St37 zinc □ A2-70 □	1
13	Washer For M10	St37 zinc □ A2-70 □	4



□ -60°C FVMQ Gasket (Optional)



Pos	Description	Material	Qty
1	Porcelain	C110	1
2	Stem	Brass	1
3	Brass Cap "E"	Brass	1
4	"J" Gasket	NBR	1
5	Gasket "N"	Cork	1
6	Gasket "O"	Presspan	1
7	Alu. Clamping	Aluminium	3
8	Fixing Ring	St37 zinc □ A2-70 □	1
9	M12 Nut	Brass	3
10	M10 Nut	St37 zinc □ A2-70 □	3
11	Washer For M12	Brass	2
12	Washer For M10	St37 zinc □ A2-70 □	3
13	Spring Washer For M12	St37 zinc □ A2-70 □	1

□ -60°C FVMQ Gasket (Optional)