

ELECTRICAL DATA

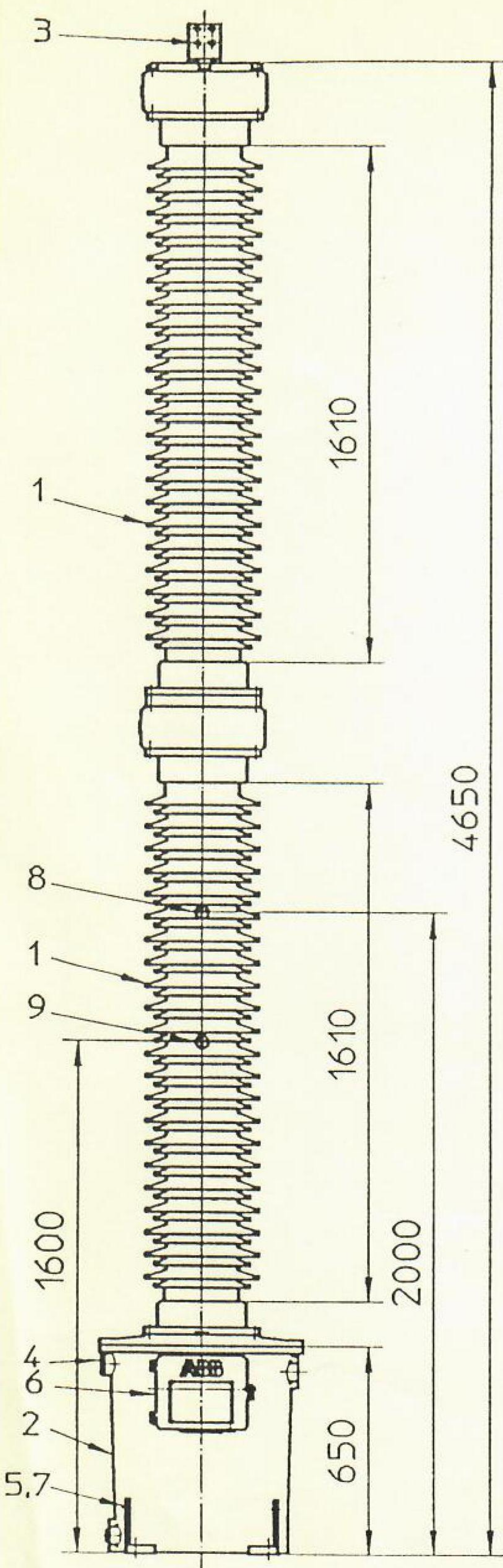
Item designation			=P1-WT.T11 =P2-WT.T11	=P1-WT.T12 =P2-WT.T12
Location			Converter bus CPA	Feeder Bar CPB
Type			01	02
1	Fundamental frequency			
1.1	Minimum, steady state	Hz	47.5	47.5
1.2	Nominal	Hz	50.0	50.0
1.3	Maximum, steady state	Hz	51.5	51.5
1.4	Standard reference range of frequency for which accuracies are valid	%	±3	±3
2	Voltage			
2.1	Nominal system voltage	kV _{rms}	400	400
2.2	Max.voltage excl.harmonics, steady state	kV _{rms}	430	430
2.3	Max. steady-state voltage incl.harmonics (phase-earth)	kV _{rms}	255	255
3	Voltage factor 30 s	pu	1.5	1.5
4	Capacitance	nF	7.0	> 4.4
	Capacitance tolerance	%	-5/+10	-5/+10
5	Lightning impulse withstand level	kV _{crest}	1425	1425
6	Switching impulse withstand level, wet	kV _{crest}	1050	1050
7	Dry power frequency withstand test voltage			
	- Primary terminal	kV _{rms}	630	630
	- low voltage terminal to earth	kV _{rms}	4	4
	- secondary winding	kV _{rms}	3	3

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Location			Converter bus <i>C P A</i>	Feeder Bar <i>C P B</i>
Type			01	02
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Type		01	02
9.3	Secondary winding No 4		
- ratio	kV/V _{rms}	$\frac{400}{\sqrt{3}} / \frac{110}{\sqrt{3}}$	$\frac{400}{\sqrt{3}} / \frac{110}{\sqrt{3}}$
- burden per phase	VA	3.0	3.0
- accuracy class 1)		0.5 and 3P	0.5 and 3P
- power factor, lagging		less than 0.1	less than 0.1
- rated thermal burden	VA	-	-
- maximum phase angle error 1)	minutes	±20	±20
9.4	Maximum total thermal burden per phase	VA	9
10	Minimum creepage distance	mm	10 500

1) The accuracy shall comply with both requirements as per IEC 186, clause 25 and 31.



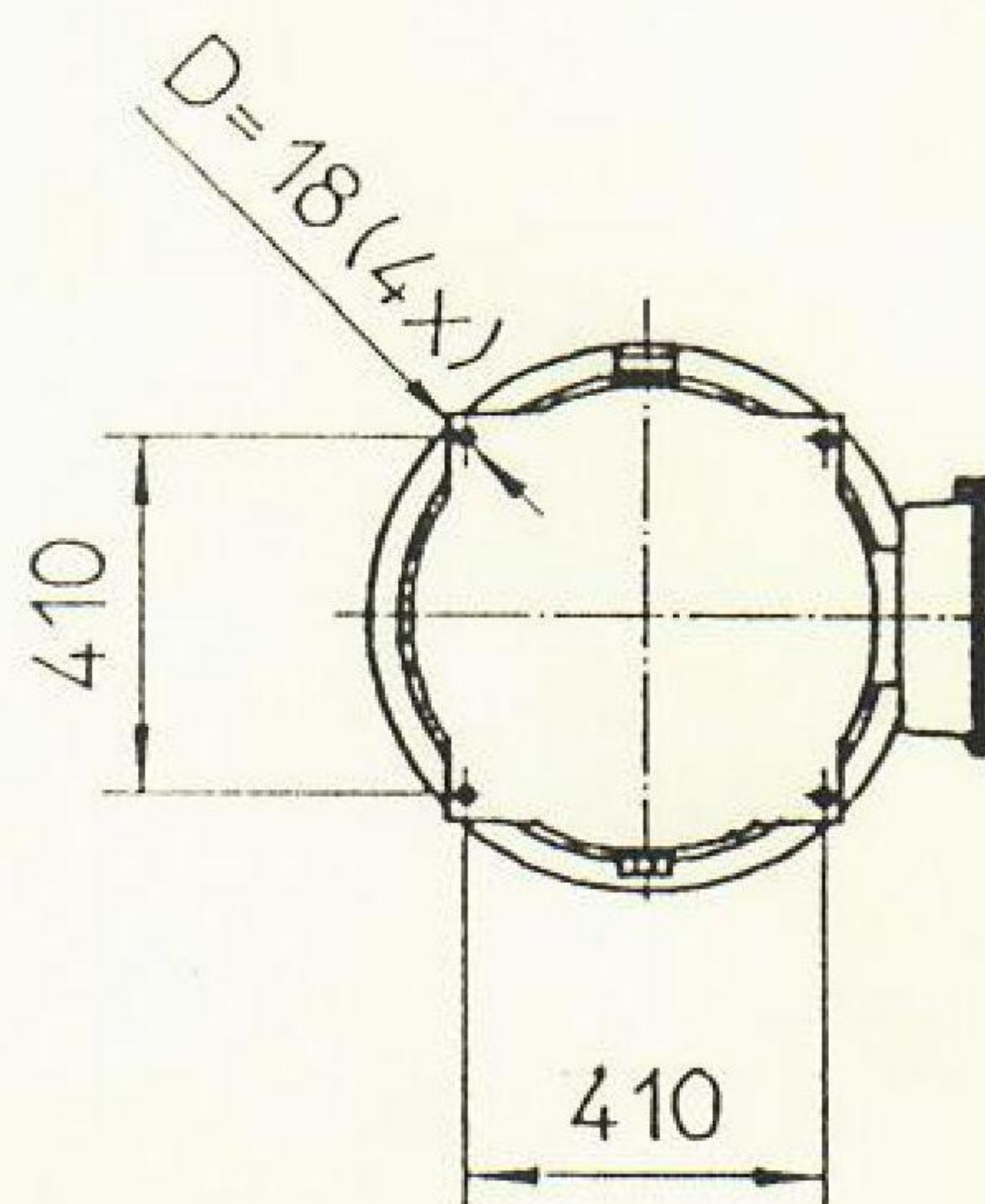
- 1 Capacitor Voltage Divider (CVD)
- 2 Electromagnetic Unit (EMU)
- 3 Primary terminal
- 4 Oil-level glass
- 5 Lifting lugs
- 6 Terminal box
- 7 Earthing lug
- 8 Centre of gravity
- 9 Centre of projected wind area

Min creepage distance 10630 mm

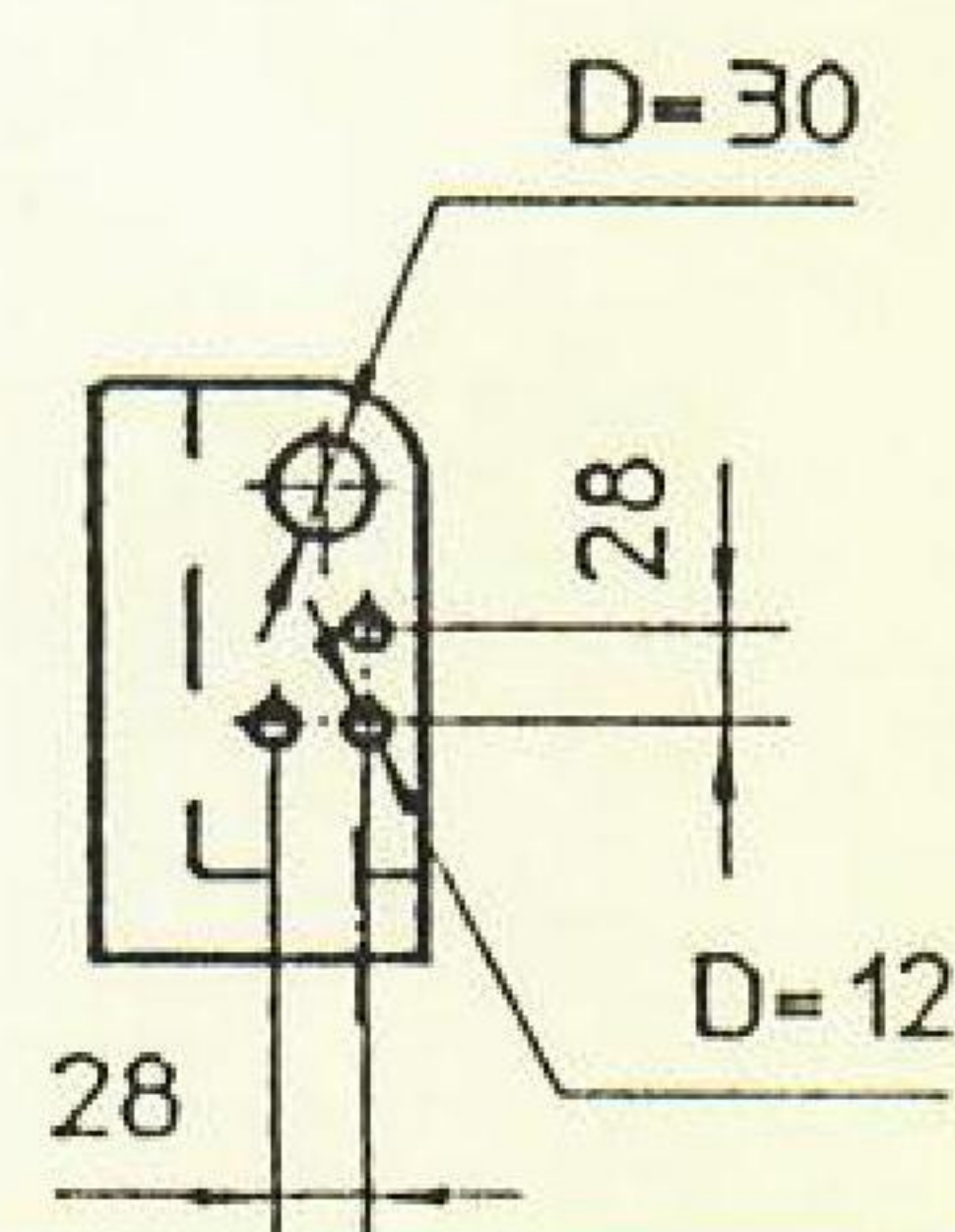
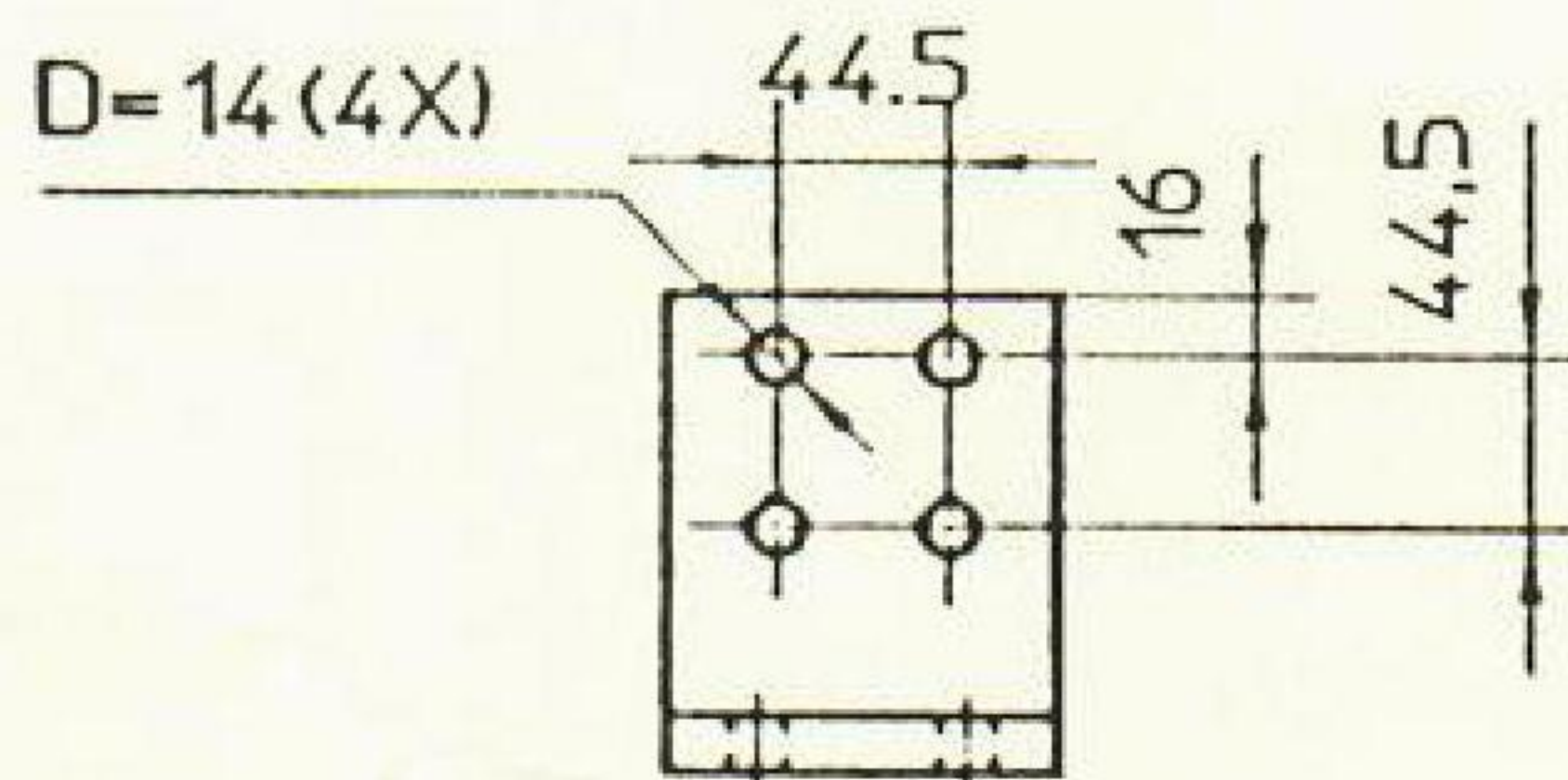
Total weight 730 kg

Max terminal load 2000 N

Wind projected area 1.4 m³



Fixing holes



BINDANDE
MÄTTSKISS

DEFINITE DI-

MENSION PRINT

ES-number

ES-CP-073

Item designation P1-WT.T12

P2-WT.T12