

<b>Product Ident</b> <b>LR3 48-5/1400</b>	<b>Line-Reactor</b> <b>Datasheet</b>	
--	---	---

## Identification

Type Designation	<b>LR3 48-5/1400</b>	Type of reactor	<b>3~ Line Reactor</b>
Series	<b>LR3</b>	Core Rating	<b>58464.00 var</b>
Core type	<b>3UI 270/110</b>	Drive HP	<b>1200</b>


## Technical Data

No. of phase		<b>3</b>
Circuit type		<b>III0</b>
Rated Voltage	[ V ]	<b>480</b>
Rated current	[ A ]	<b>1400.0</b>
Rated Frequency	[ Hz ]	<b>50 - 60</b>
Impedance	[ % ]	<b>5.0</b>
Inductance L	[ mH ]	<b>0.026</b>
L tolerance	[ % ]	<b>±10%</b>
Linearity		<b>150% In</b>
Losses (typical)	[ W ]	<b>81.95</b>
Test voltage	[ kV ]	<b>4.0</b>
Isolation System Class		<b>class 180</b>



## Operating conditions

Ambient temperature	[ °C ]	<b>-10 ... +40°C</b>
Ambient temperature	[ F ]	<b>14 ... 104°F</b>
Type of cooling		<b>AN</b>
Operating conditions		<b>24/7</b>

## Standards

Type:	Signs
VDE 0570 / EN 61 558 Part 1 VDE 0570 / EN 61 558 Part 20	

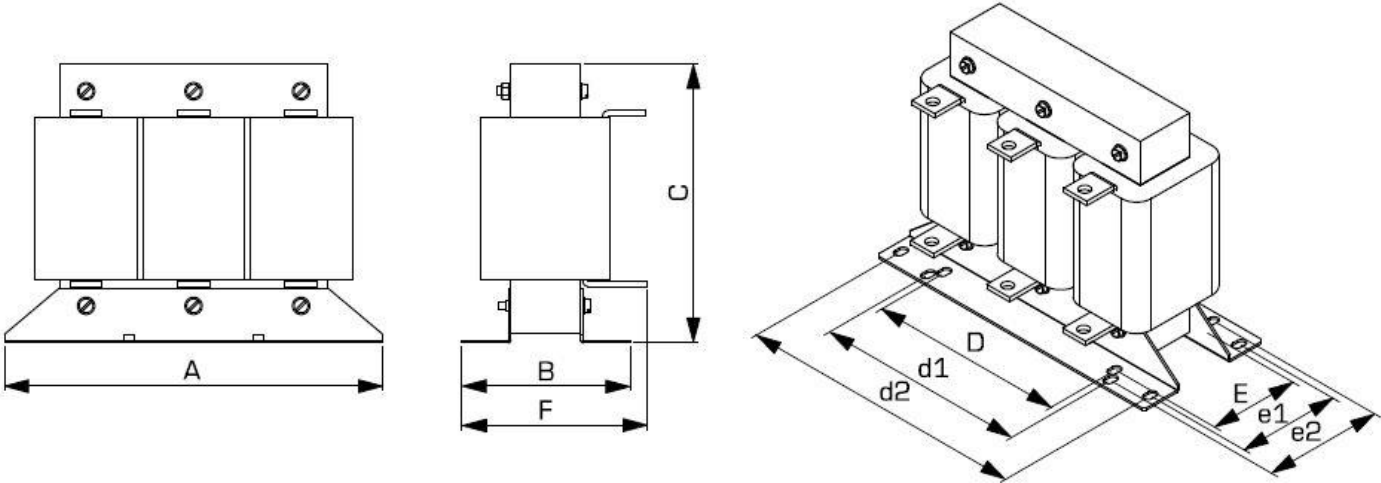
## Approvals

UL 508	 E219022 NMTR
UL 5085-1	 E103521 XPTQ

Original Date:	15/04/20	Observe protection clause to ISO 16016	Index	0
Name:	Lüning		Doc. type	
Date:	15/05/06			
Checked:	Wesner		Pages	1 of 2

Variations may apply due to material's and production's tolerances. Objected to modifications without notice.

Dimensions / Mounting in Inches



A	B	C*	F	D	d1	d2	E	e1	e2	Drill
21.26	12.91	18.31	-	19.29	0.00	-	9.29	0.00	-	0.51
										0.00
										-

\* = Typical variable air gab

Weight

Weight	[ kg ]	211.75
	[ lbs ]	466.83

Notes

Technical specifications in the drawing are not binding. General tolerance to DIN 7168-m. Subject to change.  
Mounting plates also available in stainless steel as OEM application. Ask for details.