Product Ident LR3 48-3/45

Line-Reactor Datasheet



Identification

Type Designation	LR3 48-3/45
Series	LR3
Core type	3UI 90/31.5

Type of reactor	3∼ Line Reactor	
Core Rating	1122.21 var	
Drive HP	30	

Technical Data

No. of phase	
Circuit type	
Rated Voltage	[V]
Rated current	[A]
Rated Frequency	[Hz]
Impedance	[%]
Inductance L	[mH]
L tolerance	[%]
Linearity	
Losses (typical)	[W]
Test voltage	[kV]
Isolation System Class	

3
IIIO
480
45.0
50 - 60
3.0
0.490
±10%
139% In
62.33
4.0
class 155

Operating conditions

Ambient temperature
Ambient temperature
Type of cooling
Operating conditions

-10 ... +40°C 14 ... 104°F AN 24/7

Standards

Type:

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



[°C]

[F]

Approvals

UL 508

C UL US

E219022 NMTR

UL 5085-1

c FLI® US

E103521 XPTQ

Original Date:	15/04/20
Name:	Lüning
Date:	15/05/06
Checked:	Wesner

Observe	protection	clause	to	ISO	16016
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Index	0
Doc. type	
Pages	1 of 2

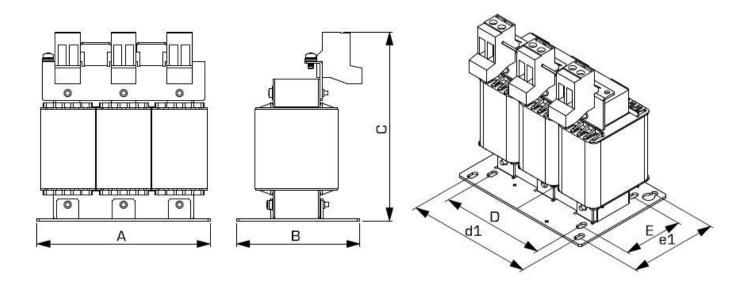
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Variations may apply due to material's and production's tolerances. Objected to modifications without notice.

Dimensions / Mounting in Inches



Α	В	C*	F	D	d1	d2	Е	e1	e2	Drill
										0.31
7.28	4.02	7.68	-	3.54	5.35	6.70	3.27	2.76	2.20	0.28
										0.31
* = Typical	variable air g	ab								

Weight

Weight	[kg]	6.74
	[lbs]	14.87

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 detailes.

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	Index	0
I	Doc. type	
ı	Pages	2 of 2