Product Ident

LR3 48-3/8

Line-Reactor Datasheet



Identification

Type Designation LR3 48-3/8		Type of reactor	3~ Line Reactor	
Series	LR3	Core Rating	199.05 var	
Core type	3UI 48/26	Drive HP	5	

Technical Data

No. of phase		3	
Circuit type		1110	
Rated Voltage	[V]	480	
Rated current	[A]	8.0	
Rated Frequency	[Hz]	50 - 60	
Impedance	[%]	3.0	
Inductance L	[mH]	2.750	
L tolerance	[%]	±10%	
Linearity		125% In	
Losses (typical)	[W]	25.78	
Test voltage	[kV]	4.0	
Isolation System Class		class 155	

Operating conditions

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

Standards

Type:

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

Signs

Approvals

UL 508

UL 5085-1

E219022	NMTR	
E103521	XPTQ	

Original Date:	15/04/20		Index	0
Name:	Lüning	Observe protection clause to ISO 16016	Doc. type	
Date:	15/05/06	Observe protection clause to 150 10010		
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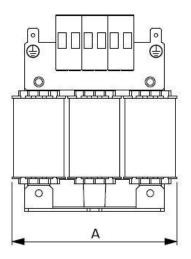
LR3 48-3/8

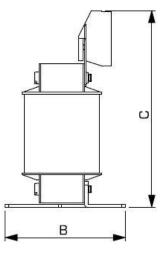
Line-Reactor Datasheet

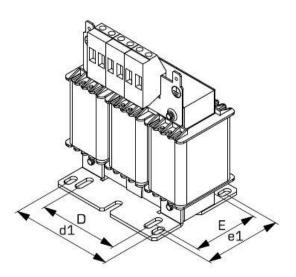


Variations may apply due to material's and production's tolerances. Objected to modifications without notice.

Dimensions / Mounting in Inches







А	В	C*	F	D	d1	d2	Е	e1	e2	Drill
										0.19
3.74	2.72	4.61	-	2.20	2.80	-	1.85	2.13	-	0.19
										-
* = Typical variable air gab										

Weight

Weight	[kg]	0.99	
	[lbs]	2.19	

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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