Product Ident MR3-CD080-483-0

Load-Reactor Datasheet



Identification

Type Designation	MR3-CD080-483-0	Т
Series	MR3	-
Core type	3UI 114/64	

Type of reactor	3∼ Load Reactor
Core Rating	2456 var
Drive HP / kW	50.0 / 37.0

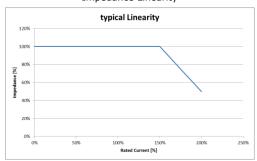
Technical Data

No. of phase	
Rated Voltage	[V]
Rated Current	[A]
Rated Frequency	[Hz]
Switching Frequency	[kHz]
Impedance	[%]
Inductance	[mH]
Impedance Tolerance	[%]
Service Factor	[%]
Test voltage	[kV]
Isolation System Class	
Temperature Rise	[C]

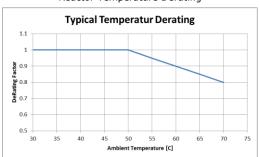
3		
480		
80.0		
0 - 60		
2-10		
3.0		
0.34		
±10%		
123.1		
4.0		
180		
115		

Typical Characteristics

Impedance Linearity



Reactor Temperature Derating



Operating conditions

Dated Ambient temperature	[C]
Rated Ambient temperature	[F]
Type of cooling	
Operating conditions	
may Altitude without denating	[m]
max Altitude without derating	[ft]

 -10 +50°C
15 122°F
AN
 24/7
2000
6600

Standards

Type:

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



Approvals

UL 508



E219022

NMTR

Created:	04/18/2018
Name:	Wesner
Date:	
Checked:	

Observe protection clause to ISO 16016
Variations may apply to material's and production's tolerances.
Objected to modifications without notice.

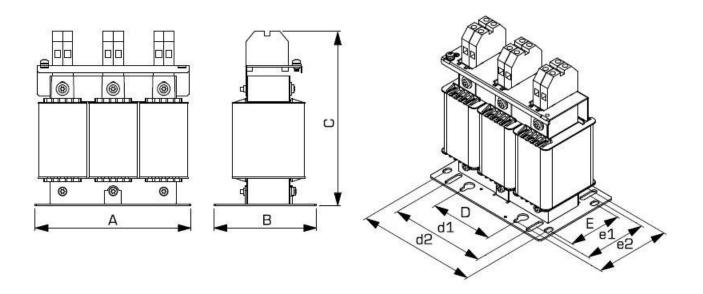
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Dimensions / Mounting in Inches



9.06 5.87 10.04 - 6.93 7.09 8.30 3.74			0.31x0.47
0.06 5.97 10.04 6.03 7.00 9.30 3.74			
9.06 5.87 10.04 - 6.95 7.09 8.30 5.74	4.80	5.00	0.31x0.47
			0.31x0.47

Weight

Weight	[kg]	18.20
	[lbs]	40.12

Type 1 / IP21 protection

Enclosure Type: Ordering-Code: -

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.

Created:	04/18/2018
Name:	Wesner
Date:	
Checked:	

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