



208/240 Rated Voltage, 600 Max Voltage, High Z, Impedance.

Part Number	Horsepower (HP)	Motor Amps (A)	Maximum Amps (A)	Inductance (uH)	Weight (LBS)	Losses (W)
KDRF28HE3R	25	74.8	77	226	67	151

480 Rated Voltage, 600 Max Voltage, High Z, Impedance.

Part Number	Horsepower (HP)	Motor Amps (A)	Maximum Amps (A)	Inductance (uH)	Weight (LBS)	Losses (W)
KDRF4HE3R	40	52	60	581	63	169
KDRF1HE3R	50	65	72	465	63	191

480 Rated Voltage, 600 Max Voltage, Low Z, Impedance.

Part Number	Horsepower (HP)	Motor Amps (A)	Maximum Amps (A)	Inductance (uH)	Weight (LBS)	Losses (W)
KDRF2LE3R	50	65	65	295	63	114
KDRF4LE3R	60	77	77	227	63	169

575 Rated Voltage, 600 Max Voltage, High Z, Impedance.

Part Number	Horsepower (HP)	Motor Amps (A)	Maximum Amps (A)	Inductance (uH)	Weight (LBS)	Losses (W)
KDRF44HE3R	40	41	44	1090	68	172
KDRF5HE3R	50	52	58	870	68	165

575 Rated Voltage, 600 Max Voltage, Low Z, Impedance.

Part Number	Horsepower (HP)	Motor Amps (A)	Maximum Amps (A)	Inductance (uH)	Weight (LBS)	Losses (W)
KDRF46LE3R	60	62	62	432	68	181
KDRF47LE3R	75	77	77	363	68	194

480 Rated Voltage, 600 Max Voltage, Output

Part Number	Horsepower (HP)	Motor Amps (A)	Maximum Amps (A)	Inductance (uH)	Weight (LBS)	Losses (W)
KDRF1PE3R	50	65	80	143	63	105
KDRF2PE3R	60	77	80	143	63	105

575 Rated Voltage, 600 Max Voltage, Output

Part Number	Horsepower (HP)	Motor Amps (A)	Maximum Amps (A)	Inductance (uH)	Weight (LBS)	Losses (W)
KDRF31PE3R	60	62	80	144	63	105
KDRF32PE3R	75	77	80	143	63	105

TCI (800) 824-8282 transcoil.com

TCI, LLC
 Chambersburg, WI, USA
 transcoil.com
 800-824-8282

KDR Drive Reactor
 KDR - Motor Amps -
 3PH, 50/60Hz, -V Rated, 600V Max, -A Max
 48C Amps Max, 135C Rms, Ref B
 Manual #50095 LUG KIT #BLK-

UL LISTED CE
 2022 TCI, LLC

DATE CODE A1 A2 B1 B2 C1 C2

- Notes:
1. UL file number: cULus Listed File E116124.
 2. KDR Drive Reactors Comply With The Thermal and Altitude Standards Set Forth by NEMA ST20-1992.
 3. KDR IOM Manual Part Number 30895
 4. NEC Current For 208/240 Volts, Horsepower Based On 208 Volts.
 5. Material(s) Shall be RoHS Compliant
 6. Customer Is Responsible For Installation To Meet All National And Local Electrical Codes.

THE INFORMATION AND DESIGNS CONTAINED IN THIS DRAWING ARE CONFIDENTIAL AND THE PROPRIETARY PROPERTY OF ALLIED MOTION TECHNOLOGIES INC. AND ITS SUBSIDIARIES. NEITHER THIS DESIGN NOR ANY INFORMATION CONTAINED IN THIS DRAWING MAY BE REPRODUCED OR DISCLOSED TO OTHERS WITHOUT THE EXPRESS WRITTEN CONSENT OF ALLIED MOTION TECHNOLOGIES INC. AND ITS SUBSIDIARIES.

D	6688 F1H 70A to 72A	6/7/2024	DSW	TOLERANCES (EXCEPT AS NOTED)
C	5841_KDRF1HE3R			DECIMAL .XX ± .25 .XXX ± .10
C	5841_KDRF1HE3R			FRACTIONAL ± 1/16
C	85A Max to 70A Max	1/27/2022	DSW	ANGULAR ± 1°
NO	REVISION	DATE	BY	

TCI W132N10611 (Rev 1) Feb 2022
 Germano, WI 53022

An Allied Motion Company © 2022 TCI, LLC

KDR F Frame, Terminal Block
 Type 3R, Reactor Drawing

DRN BY: DSW DATE: 4/24/18 107667-1DG
 SCALE: 1/4.5 DRAWN: CJE SHEET: OF 6