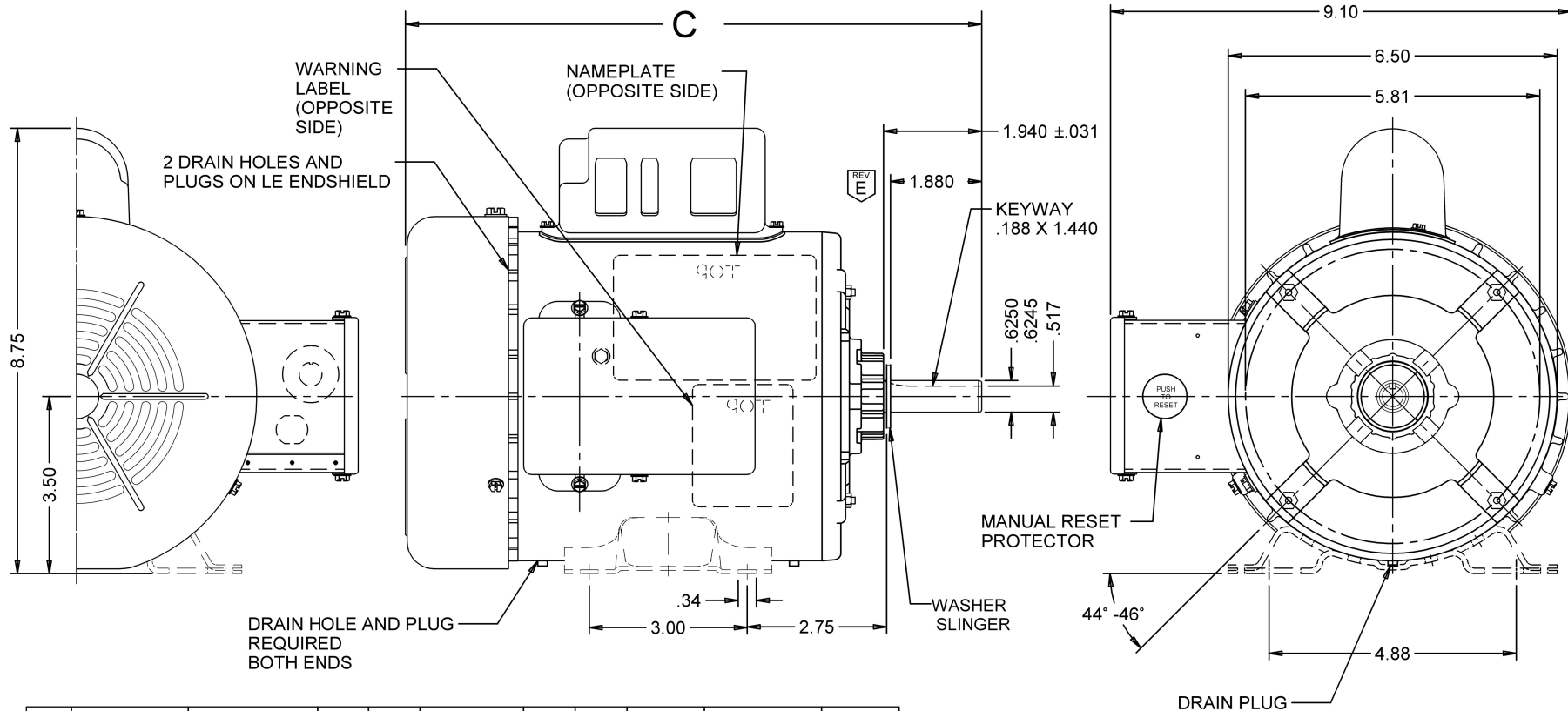




Catalog #: FD13CM2P

Model Number:	C063FJS5563015B
PRODUCT NAME:	.33 HP - TEFC - 1725
PHASETYPE:	1_CAPACITOR START
MOTOR ENCLOSURE:	TEFC
HORSEPOWER:	.33
KILOWATTS:	0.3
POLES:	4
NUMBER SPEEDS:	1
RPM:	1725
HERTZ:	60
VOLTS PRIMARY:	115/230 V
VOLTS :	115
VOLTS 2:	230
FRME :	56
STATOR DIAMETER:	6.3
STACK:	1.25
MOUNTING:	RIGID
MOTOR TYPE:	SMA
OPPOSITE END BEARING:	6203
SHAFT END BEARING:	6203
AMBIENT:	40
ROTATION:	REVERSIBLE
SERVICE FACTOR:	1.15
STARTCAPMFD:	198.45
SHIPPING WEIGHT:	25
THERMAL PROTECTION:	MANUAL RESET
BREAKDOWN TORQUE:	54.95
BREAKDOWN TORQUE UOM:	OZFT
LOCKED ROTOR TORQUE:	73.41
LOCKED ROTOR TORQUE UOM:	OZFT
INSULATION CLASS:	B
KVA CODE LETTER:	L
LOCKED ROTOR AMPS:	28.3
NEMA NOMINAL EFFICIENCY:	59.5
FULL LOAD AMPS PRIMARY:	6.6/3.3
SERVICE FACTOR AMPS PRIMARY:	6.8/3.4



VAR	MODEL	CATALOG NO.	C	HP	VOLTS	HZ	RPM	BASE REQUIREMENT	PROTECTOR	OBS
001	C63VWFJY-5518	FD12CM2P	11.38	1/2	115/230	60	1725	YES	MANUAL	
002	C63KXFJS-5563	FD13CM2P	10.88	1/3	115/230	60	1725	YES	MANUAL	
003	C63KXFJY-5569	FD12CM2P	11.38	1/2	115/230	60	1725	YES	MANUAL	
004	C63BXFKH-5570	FD34CM2P	11.917	3/4	115/230	60	1725	YES	MANUAL	
005	C63BXCJY-1150	FD12CM2P	11.381	1/2	115/230	60	1725	YES	MANUAL	

ROTATION: REVERSIBLE

SHEET NUMBER	REV	REVISION RECORD FOR:	C6284-00
1 OF 1	E	CREATED VAR. 005 AND ADDED DIMENSION ON WASHER SLINGER.	
REVISION DATE	06-SEP-12	ISSUED BY	G. ISASSI
		REVIEWED BY	T. BOSSALLER
		ENGINEER APPROVED	T. BOSSALLER

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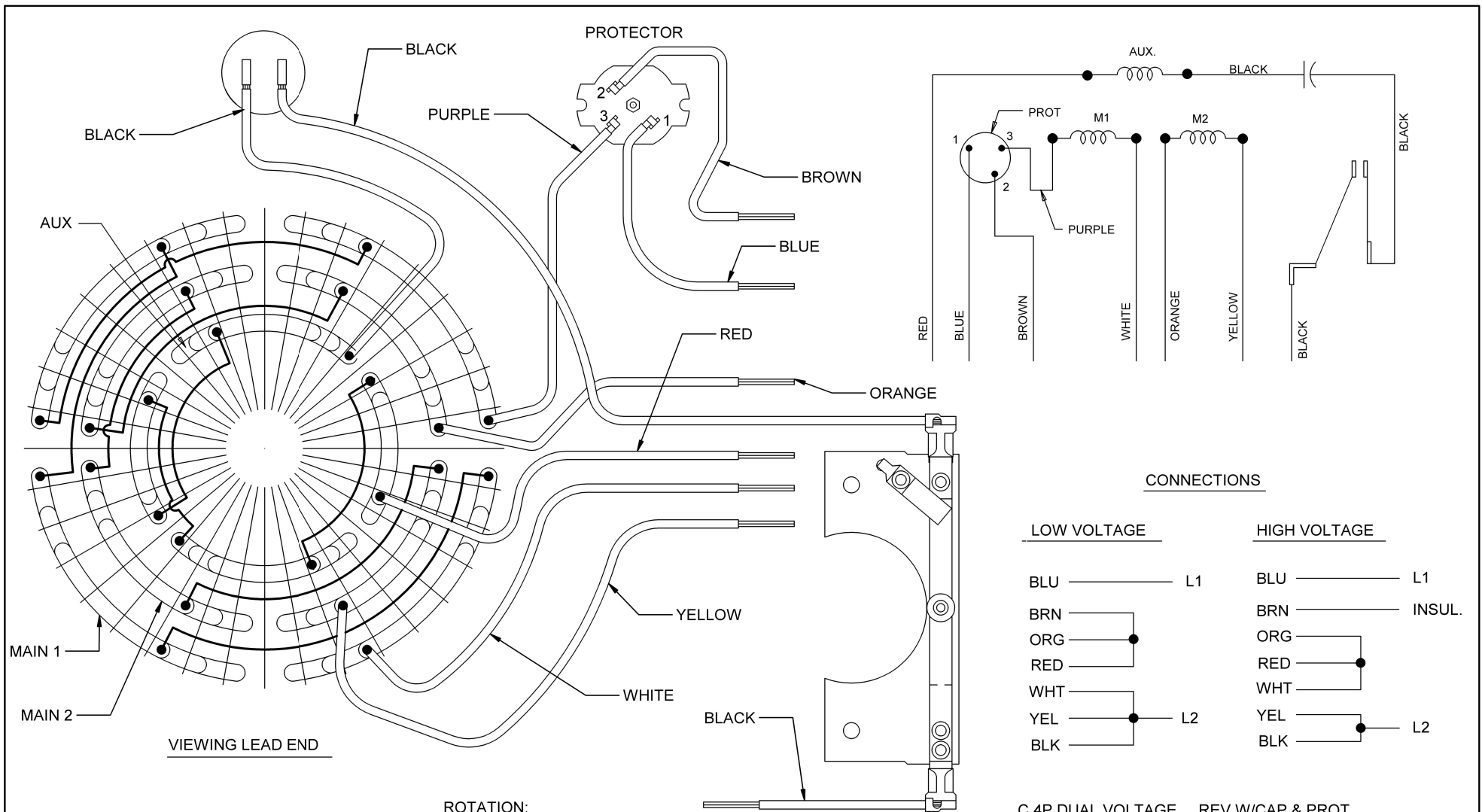
NIDEC MOTOR CORPORATION

ALL DIMENSIONS ARE FOR REFERENCE ONLY UNLESS TOLERANCE IS GIVEN			
TITLE	CODE	ITEM NO.	SIZE
ASSEMBLED VIEW	V01	778131	B

NIDEC MOTOR CORPORATION 06-Sep-12

V01_NMC8 (MAR-2011)

SOLIDEDGE



NOTE:
SECURE ALL LEADS TO
PREVENT INTERFERENCE
WITH MOVING PARTS.

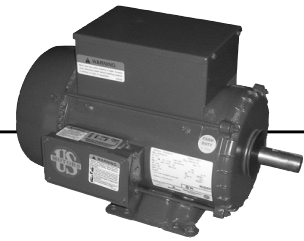
ROTATION:
CCW SWITCH END REVERSIBLE
TO REVERSE ROTATION
INTERCHANGE BLACK AND
RED LEADS



NIDEC CONFIDENTIAL
NIDEC MOTOR CORPORATION 24-Sep-13

REVISION DESCRIPTION FOR: C8396-10	SCALE NONE	UNITS IN	TITLE	NIDEC MOTOR CORPORATION
CHANGED MARKUP EMERSON TO NIDEC.	TOLERANCES ON DIMENSIONS (UNLESS OTHERWISE SPECIFIED)		DIAGRAM OF CONNECTIONS	
MATERIAL:	INCHES	mm	ISSUED BY J.G.SALINAS	APPROVED BY J.I.SALAZAR
	± .015		CODE D04	DWG NO. 761958
	ANGLES X°= ±1°		REVISION DATE 24-SEP-2013	REV A
			SHEET NUMBER 1 OF 1	DWG SIZE B

Special Application Agriculture Totally Enclosed Fan Cooled (TEFC) Agri Duty High Torque Single Phase, Capacitor Start



APPLICATIONS:

For powering agitators, augers, compressors, conveyors, feeders and hay hoists.
High torque motors are used on barn cleaners, manure pumps and silo unloaders.

FEATURES:

- Class F Insulation (140-210 Frame)
- 40°C Ambient, Continuous Duty
- Reversible Rotation
- F1 Assembly
- Steel Frames & Steel Welded Based (140-210 Frame)
- Manual Reset Thermal Overload Protector
- Steel Fan Cover & Conduit Box
- Non-Regreasable Double Shielded Bearings
- Shaft Slinger (140-210 Frame)
- Capacitor Start-Capacitor Run (3-10 HP)
- Low Temperature Grease

Footed

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	Full Load Amps	Notes
1/3	1800	115/230	56	FD13CM2P	\$278	DS-3FMP	1.15	10.9	25	6.6/3.3	23
1/2	1800	115/230	56	FD12CM2P	\$324	DS-3FMP	1.15	11.4	27	9.0/4.5	23
3/4	1800	115/230	56	FD34CM2P	\$384	DS-3FMP	1.15	11.9	32	11.4/5.7	23
1	1800	115/230	143T	FD1CM2P14	\$684	DS-3F	1.15	12.8	32	15.0/7.5	23
	1800	115/230	56H	FD1CM2PZ	\$439	DS-3FMP	1.15	12.9	40	14.0/7.0	23
1 1/2	1800	115/230	145T	FD32CM2P14	\$473	DS-3SP	1.15	14.3	43	16.2/8.1	23
	1800	115/230	56H	FD32CM2PH	\$468	DS-3FMP	1.15	13.9	32	16.2/8.1	23
2	1800	115/230	182T	FD2CM2P18	\$779	DS-3SP	1.00	15.2	60	23.6/11.8	23
	1800	115/230	56HZ	FD2CM2PHZ	\$639	DS-3FMP	1.00	14.3	50	20.0/10.0	23
3	1800	230	184T	FD3CM2K18	\$1,045	DS-3SP	1.00	17.2	74	14.5	23
5	1800	230	184T	FD5CM2K18	\$1,307	DS-3SP	1.00	18.2	125	22.0	23
	1800	230	213T	FD5CM2K21	\$1,442	DS-3SP	1.00	19.6	180	23.0	23
7 1/2	1800	230	215T	FD7CM2K21	\$1,937	DS-3SP	1.00	22.1	147	30.0	23
10	1800	230	215T	FD10CM2K21	\$2,380	DS-3SP	1.00	22.1	180	38.0	23

C-Face Footed

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	Full Load Amps	Notes
1/3	1800	115/230	56C	FD13CM2PC	\$370	DS-3FMP	1.15	10.9	21	6.6/3.3	23
1/2	1800	115/230	56C	FD12CM2PC	\$375	DS-3FMP	1.15	11.4	26	9.0/4.5	23
3/4	1800	115/230	56C	FD34CM2PC	\$447	DS-3FMP	1.15	11.9	30	11.4/5.7	23
1	1800	115/230	56HC	FD1CM2PHC	\$503	DS-3FMP	1.15	12.9	35	14.0/7.0	23
1 1/2	1800	115/208-230	56HC	FD32CPM2PHC	\$599	DS-3FMP	1.15	13.9	32	14.4/8.3-7.2	23
2	1800	115/230	145TC	FD2CM2PHC	\$704	DS-3FMP	1.15	14.4	32	18.9/9.4	23

C-Face Footless

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	Full Load Amps	Notes
1/3	1800	115/230	56C	FD13CM2PCR	\$360	DS-3FMP	1.15	10.9	21	6.6/3.3	23
1/2	1800	115/230	56C	FD12CM2PCR	\$360	DS-3FMP	1.15	11.4	32	9.0/4.5	23
3/4	1800	115/230	56C	FD34CM2PCR	\$437	DS-3FMP	1.15	11.9	32	11.4/5.7	23
1	1800	115/230	56C	FD1CM2PCR	\$493	DS-3FMP	1.15	12.9	44	14.0/7.0	23
1 1/2	1800	115/230	56C	FD32CM2PCR	\$589	DS-3FMP	1.15	13.9	44	16.2/8.1	23

Note 23 Manual Reset Thermal Protector Overload