INDEX
A-F

A

ABRASION RESISTANT INSULATION..... M-32
ACCESSORY CONDUIT BOX—NEMA®†..... M-14
ACCESSORY CONDUIT BOX – TITAN®..... M-18
ADAPTER BRACKETS M-7
ADDITIONAL NAMEPLATES..... M-37
AERATOR MOTORS..... M-4
AIR FILTERS (WP II)..... M-25
AIR FILTER DIFFERENTIAL PRESSURE SWITCH..... M-25
AIR TEMPERATURE SENSOR..... M-25
ALTERNATE BASE DIAMETERS..... M-7
ALTITUDE..... M-4
AMBIENT TEMPERATURE..... M-5
ANTIPLUGGING SWITCH..... M-52
API TOLERANCES..... M-74
ARTIC DUTY OPTION..... M-5
AUTOTRANSFORMER – STARTING M-54

B

BALANCE AND VIBRATION..... M-6
BASE DIAMETERS..... M-7
BEARINGS – INSULATED..... M-11
BEARING LIFE DETERMINATION..... M-8
BEARINGS – OPTIONAL THRUST CAPACITIES..... M-10
BEARINGS – RECOMMENDED OILS..... M-41
BEARINGS – SIZE IMPACT ON EFFICIENCY..... M-10, M-22
BEARINGS – SPARE SET..... M-7
BEARING TEMPERATURE PROTECTION..... M-68
BOLTED COUPLING ON VHS..... M-19
BREATHER DRAINS..... M-21
BREATHER DRAIN FOR CONDUIT BOX..... M-26
BUSHINGS – STEADY..... M-54
BUSS BAR CONNECTION..... M-12, M-18

C

CALIBRATION TEST..... M-62
CAPACITORS – POWER FACTOR CORRECTION..... M-44
CAPACITORS – SURGE..... M-58
CAST-IRON CONDUIT BOX – NEMA..... M-14
CAST-IRON FAN COVER GUARD
(SEE “FAN COVER, CAST IRON”)..... M-26
CIRCULATING SHAFT CURRENT PROTECTION..... M-11
CLASS INSULATION..... M-29
CLASS TEMPERATURE RISE..... M-60
CODE LETTER LOWER THAN STANDARD..... M-54
COMPLETE INITIAL TEST..... M-61
CONDUIT BOX -- ACCESSORY..... M-14, M-18
CONDUIT BOX – DRAIN & BREATHER..... M-21, M-26
CONDUIT BOX – LEAD POSITIONING GASKET..... M-19
CONDUIT BOX – NEMA®† FRAME SIZE..... M-12
CONDUIT BOX – NEMA®† TYPE 2..... M-18
CONDUIT BOX -- OVERSIZED..... M-14
CONDUIT BOX – SPACE HEATER IN..... M-19, M-51
CONDUIT BOX – TITAN® FRAME SIZE..... M-12
CONNECTIONS..... M-51
CONTINUOUS UPTHRUST..... M-75
COOLING COILS..... M-10
COPPER BAR ROTOR..... M-47
CORRO-DUTY® PRODUCTS..... M-30, M-35
CORRO-DUTY® PAINT JOB (SEE “PAINT”)..... M-42
CORRO-DUTY® WPI, WPII..... M-24
COUPLINGS – BOLTED, SRC, NRR..... M-19
COUPLINGS – PRESS ON HALF..... M-20
CRATING OF MOTOR PRODUCTS..... M-28
CURRENT – LOW STARTING..... M-54
CURRENT TRANSFORMERS..... M-20
CURVES – OF MOTOR CHARACTERISTICS..... M-46
CYCLES – 50 HZ..... M-29

D

DATA – SUBMITTAL..... M-46
DB (A) – SOUND PRESSURE LEVELS..... M-38
DIAL TYPE THERMOMETER – BEARINGS..... M-63, M-69
DIFFERENTIAL PROTECTIONS (C.T.'S)..... M-20
DIMENSIONS – CONDUIT BOX – NEMA®..... M-17
DIMENSIONS – CONDUIT BOX – TITAN®..... M-17
DIMENSIONS – SUPPLIED WITH SUBMITTAL..... M-46
DIVISION 1 HAZARDOUS LOCATION (SEE “ENCLOSURES”). M-27
DIVISION 2 HAZARDOUS LOCATION (SEE “ENCLOSURES”).. M-28
DIVISION 2 NONLISTED (SEE “ENCLOSURES”)..... M-28
DOMESTIC CRATING OF MOTORS..... M-28
DOUBLE DELTA STARTING..... M-51
DRAIN AND BREATHER..... M-21
DRAIN AND BREATHER IN CONDUIT BOX..... M-21, M-26
DYNOMOMETER TESTING..... M-61

E

EFFICIENCY..... M-21
ELASTIMOLD CONNECTORS..... M-19
ELEVATION (ALTITUDE)..... M-4
ENCLOSURES..... M-24
EVERSEAL®† (INSULATION)..... M-29
EXPORT BOXING..... M-28
EXTRA HIGH THRUST (BEARINGS)..... M-10

F

FABRICATED ROTORS..... M-47
FAN COVER, CAST IRON..... M-26
FILTERS – AIR (WP II)..... M-24
FIRE PUMP M-27
FORM WOUND COILS..... M-31
FREQUENCY M-29
FULL LOAD TEST (COMPLETE INITIAL)..... M-61

INDEX
G-Q

G

GATE VALVES M-11
GROUND PROVISIONS M-29
GRILLS – SCREENS M-48

H

HALF VOLTAGE SPACE HEATER M-51
HARDWARE – STAINLESS STEEL M-53
HEATERS – SPACE M-51
HEATERS – OIL SUMP M-40
HEATERS – MAIN CONDUIT BOX M-19, M-51
HEAVY DUTY TEFC M-26
HERTZ – 50 CYCLE M-29
HORSEPOWER – NON-NEMA M-29
HOSTILEDUTY™–CORRO-DUTY® M-26

I

IDENTIFICATION PLATES – NAMEPLATES M-37
IEEE®† 45 SPECIFICATION – MARINE DUTY M-35
841 PLUS® MODIFICATIONS M-27
IMMERSION HEATERS M-40
INPRO/SEAL®† M-48
INRUSH –REDUCED M-58
INSULATED BEARINGS M-11
INSULATION CLASS RATING M-29
INSULATION (WINDING) TREATMENTS M-31
INSULATION SYSTEM, ABRASION RESISTANT COATING M-32
INVERTER DUTY PRODUCTS M-33
INVERTERS AND THRUST BEARINGS M-10
INTERNATIONAL SHIPMENTS M-28

J

JUNCTION (CONDUIT) BOX M-12

K

KEY LOCK ON CONDUIT BOX M-19

L

LEAD LUGS M-65
LEAD POSITIONING GASKET M-19
LEADS – LONGER THAN STANDARD M-35
LEADS – POTTED M-26
LEADS-TERMINATIONS (LUGS) M-65
LIGHTNING ARRESTORS M-62
LIP SEALS (SEE “SEALS”) M-48
LONG-TERM STORAGE M-89
LOW VOLTAGE STARTING M-58

M

MAIN CONDUIT BOX – NEMA®† M-12
MAIN CONDUIT BOX – TITAN® M-15
MAINTENANCE PLATFORMS M-42
MANOMETER (DIFF. PRESSURE SWITCH) M-25
MARINE DUTY M-35
MECHANICAL RESONANCE M-2
MOMENTARY UPTHRUST M-75
MOUNT HALF COUPLING M-20
MULTISPEED MOTORS M-35
-- CONSTANT TORQUE M-36
-- VARIABLE TORQUE M-36

N

NAMEPLATES – SPECIAL M-37
NOISE LEVELS–TYPICAL VALUES M-38
NOISE TESTING M-61
NON-NEMA HORSEPOWER M-29
NON REVERSE RATCHET M-39

O

OIL DRAIN GATE VALVES M-11
OIL – RECOMMENDED TYPES M-41
OIL SUMP HEATERS M-40
OPTIONAL OIL BATH GUIDE BEARINGS M-11
OPTIONAL ROTOR CONSTRUCTION M-47
OVERLOAD – SERVICE FACTOR M-49
OVERSIZED BEARINGS (EHT) M-10
OVERSIZED (NEMA®†) CONDUIT BOX M-12
OVERSPEED M-42

P

PAINT M-42
PAINT – CORRO-DUTY® PAINT JOB M-42
PART WINDING START M-55
PAYBACK ANALYSIS M-22
PERFROMANCE CURVES M-46
PILOT LIGHT FOR SPACE HEATER M-52
PLATE BEARINGS M-11
PLATFORMS LADDERS AND RAILINGS M-42
POLARIZATION INDEX TESTING M-62
POTTED LEADS M-26
POWER FACTOR CORRECTION CAPACITORS M-43
PREMIUM EFFICIENCY M-21
PRESS ON HALF COUPLING M-20
PRINTS AND DATA – SUBMITTALS M-46

Q

QUICK DISCONNECTS – ELASTIMOLDS M-19

INDEX
R-Z

R

RANDOM WOUND STATORS M-31
RATCHET – NONREVERSE M-40
RECOMMENDED BEARING LIFE M-6
REDUCED STARTING CURRENT M-54
REDUCED VOLTAGE STARTING M-54
REED CRITICAL FREQUENCY DATA M-47
ROTATIONAL ARROW M-37
ROTOR – COPPER BAR M-47
ROTOR CONSTRUCTION M-47
RTDs – BEARINGS M-69
RTDs–WINDINGS M-73

S

SCREENS – STAINLESS STEEL M-48
SEALED INSULATION M-32
SEALS (Inpro/Seal®†) M-48
SELF-RELEASE COUPLING M-19
SERVICE FACTOR M-49
SEVERE DUTY M-24, M-26
SERVIT POST (SEE “GROUNDING”) M-14, M-18
SHAFT GROUNDING RING M-50
SHAFT SLINGER (SEE “SEALS”) M-48
SHAFTS – SPECIAL M-50
SHAFT – SPECIAL RUNOUT M-74
SHORT COMMERCIAL TEST M-61
SOFTWARE M-46
SOUND LEVELS M-38
SPACE HEATER IN MAIN CONDUIT BOX M-19, M-72
SPACE HEATER ON WINDING M-51
SPACE HEATER PILOT LIGHT M-52
SPARE ANTIFRICTION BEARING SET M-7
SPECIAL BALANCE M-7
SPECIAL FEATURES NAMEPLATE M-37
SPECIAL PAINT M-42
SPECIAL SHAFT SEALS (REFER TO INQUIRY GROUP) M-78
SPECIAL VOLTAGE RATING M-79
SPECIAL WARRANTY M-52
SPEED SENSING SWITCH M-52
SNOWMASTER™ M-51
STAINLESS-STEEL HARDWARE M-53
STAINLESS-STEEL SCREENS M-12
STAND-OFF INSULATORS – BUSS BAR M-51
STAR-DELTA START M-54
STARTING CURRENT – REDUCED M-53
STARTING DUTY NAMEPLATES M-53
STARTING METHODS M-53
STEADY BUSHINGS M-54
STRESS CONE CONDUIT BOX M-15
SUBMITTAL DATA M-46
SUMP HEATERS – OIL M-40
SURGE PROTECTION M-58

T

TEMPERATURE RISE M-58
TERMINAL BOX – CONDUIT BOX M-12
TERMINAL CONNECTORS – LEAD LUGS M-61
TERMINAL STRIP CONNECTIONS M-18
TESTING OF MOTORS M-61
THERMAL PROTECTION – BEARINGS M-68
THERMAL PROTECTION – WINDINGS M-70
THERMA SENTRY® – WINDINGS M-71
THERMISTORS (SEE “THERMAL PROTECTION”) M-70
THERMOCOUPLES – BEARINGS M-69
THERMOCOUPLES – WINDINGS M-73
THERMOSTATICALLY CONTROLLED SPACE HEATERS M-52
THERMOSTATS M-70
THRUST BEARINGS – EXTRA HIGH M-10
THRUST BEARINGS – LOSSES M-10
THRUST BEARINGS – WITH VFDs M-33
TOLERANCES SPECIAL SHAFT AND FLANGE M-74
TOTALLY ENCLOSED FAN COOLED (TEFC) M-25
TWO-SPEED CONSTANT TORQUE MOTORS M-36
TWO-SPEED VARIABLE TORQUE MOTORS M-36

U

U-FRAME MOTORS M-6
UL®† LISTED MOTORS
(SEE “ENCLOSURES, HAZARDOUS LOCATION”) M-26
UL®† LISTED FIRE PUMP M-28
UPTHRUST OPTIONS M-75

V

VFD – OPERATION – INSULATION SYSTEMS M-33
VFD – THRUST BEARING CONCERNS M-10, M-11
VIBRATION DETECTORS M-75
VIBRATION LEVELS M-6
VIBRATION TESTING M-62
VOLTAGE OPTIONS M-78
VPI INSULATION SYSTEMS M-32

W

WARRANTY M-79
WATER COOLING COILS M-10
WATTS – SPACE HEATER RATINGS M-52
WINDING PROTECTION M-70
WINDING – RANDOM VS. FORM COILS M-31
WINDING RTDs M-73
WINDING THERMISTORS M-70
WINDING THERMOCOUPLES M-73
WINDING THERMOSTATS M-70
WINDING TREATMENTS M-31
WINDOW TYPE CURRENT TRANSFORMERS M-20
WYE-DELTA STARTING M-51

Z

ZERO-SPEED SWITCH M-52