Customer Service (704) 983-3188

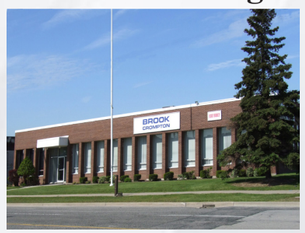
Brook Crompton - Quality, Reliability, Flexibility

For over 100 years BROOK CROMPTON has been a leader in the development of high efficiency electric motors. Colonel Crompton—a pioneer in the development of DC motors—formed R.E.B. Crompton & Co in 1878, and Ernest Brook made his first AC motor in Huddersfield, England in 1904 forming Brook Motors. The two organizations came together in the late 1960s and formed BROOK CROMPTON.

Today, BROOK CROMPTON is a leading manufacturer of industrial electric motors for the global market. Our products can be found in almost every industrial activity including Water/Waste Water Treatment, Mining, HVAC, Oil & Gas, Chemical Processing, Industrial Equipment, and General Manufacturing. Our areas of expertise include motors for hazardous applications (ATEX, IEC-Ex) as well as OEM-specific designs.

Brook Crompton is affiliated with ATB (www.atb-motors.com) of Vienna, Austria, which owns a controlling interest in Brook Crompton. Additionally, ATB is owned by Wolong Holding Group (www.wolong.com), which is the largest motor manufacturer in Asia. This combination of European "Old World Design", coupled with state-of-the-art manufacturing plants around the world, help Brook Crompton offer its customers the very best products—at very competitive prices.

Stock Throughout North America



Toronto, ON Canada

Montreal, QC Canada

Cleveland, OH USA

Chicago, IL USA

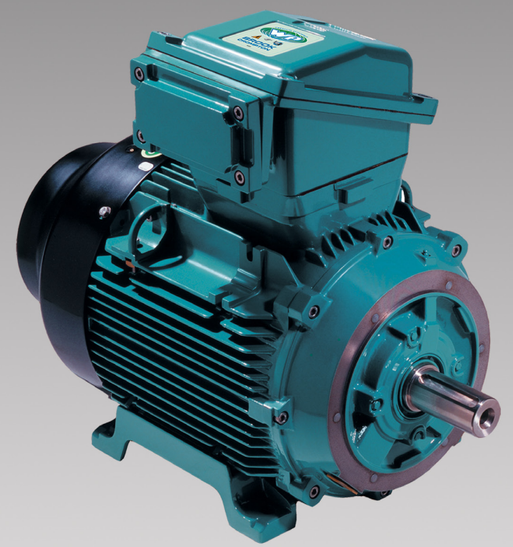
As well as:
Dallas, Houston, Memphis, Los Angeles
Distributors throughout North America

1-800-MOTORS-9
Fax: 416-675-6885
www.brookcromptonna.com
sales@brookcromptonna.com

BCNA-LIT-001

BROOK CROMPTON

Keeping Industry Turning



NEMA & IEC Motors

Visit Us Online at: www.IPCD-Inc.com

BROOK CROMPTON

Wide Selection to Meet Your Needs

W-Series Fractional Aluminum

NEMA 56 Frame

Features

- 0.25 to 1.5 horsepower
- Class F insulation, Class B rise
- Foot & C-face mounting
- Removable/ repositionable feet for any terminal box position (F1, F2, F3)
- 15:1 constant torque; 20:1 variable torque
- Service Factor 1.15
- Dual rated 50/60 hertz at same horsepower
- CSA approved for class I; Division 2; Groups A, B, C, & D, T3

Single Phase

56C Frame

Features

- 0.33 HP up to 2 HP
- Rolled steel construction
- C-face with feet
- Belt drive or close coupled applications
- Service factor 1.15
- Capacitor start/ capacitor run

W-Series Aluminum

NEMA 143T - 286T Frame
IEC 63 - 180 Frame

Features

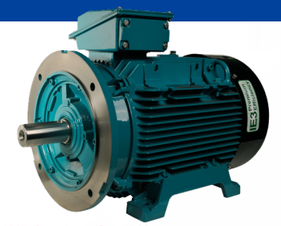
- 1 to 30 horsepower
- Class F insulation, Class B rise
- Foot, C-face, D-flange mounting. B3, B14, B5 mounting for IEC
- Removable/ repositionable feet for any terminal box position (F1, F2, F3)
- 15:1 constant torque; 20:1 variable torque
- Service Factor 1.25
- Dual rated 50/60 hertz at same horsepower
- CSA approved for class I; Division 2; Groups A, B, C, & D, T3

NEMA Explosion Proof

143T - 445T Frame

Features

- UL/ CSA approved Class I Div I Group C & D; Class II Groups E, F, & G T3B 140 - 250T frame
- UL/ CSA approved Class I Group D; Class II Groups E, F, & G T3B 280T and above
- NEMA MG1 Part 31 inverter duty
- UL certified 5:1 constant torque
- CSA certified 10:1 constant torque
- Service factor 1.15
- NEMA design B



W-Series Cast Iron

NEMA 143T - 586Z Frame
IEC 80 - 355 Frame

Features

- 1 to 500 horsepower
- Class F insulation, Class B rise
- Foot, C-face, D-flange mounting. B3, B14, B5 mounting for IEC
- Removable/ repositionable feet for any terminal box position (F1, F2, F3)
- 15:1 constant torque; 20:1 variable torque
- Service Factor 1.25
- Dual rated 50/60 hertz at same horsepower
- CSA approved for class I; Division 2; Groups A, B, C, & D, T3

EEx d/de Explosion Proof EExnA Non-Sparking

IEC 90 - 315 Frame

Features

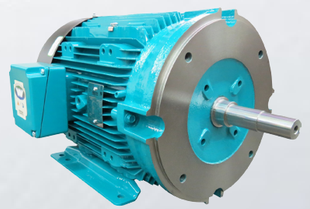
- 0.75 kw up to 150 kw
- Cast iron construction
- EEx d/de Explosion Proof Zone 1, groups IIA, IIB, & IIC
- EExnA Non-Sparking Zone 2. Group II T3
- Foot, C-face, D-flange mounting
- Suitable for T3 applications
- Motors comply with CEN-ELEC/EURONORM standards EN60079
- Class F insulation, Class B rise

W-Series Brake Motors

NEMA 56 to 215T Frame
IEC 71 to 132L Frame

Features

- NEMA frames 56 to 215T
- IEC frames 71 to 132L
- Foot, C-face, D-flange mounting. B3, B14, B5 mounting for IEC
- Removable/ repositionable feet for any terminal box position (F1, F2, F3)
- Available in 230, 460, or 575 Volt



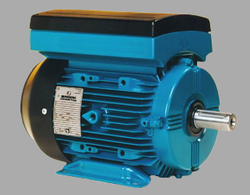
W-Series Close Coupled Pump

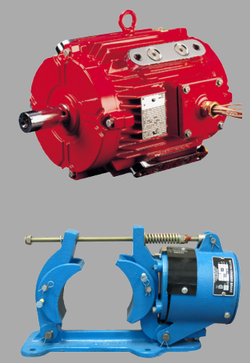
143 - 365 Frame

Features

- JM & JP designs available
- Aluminum construction 1 to 30 HP
- Cast iron construction 40 to 75 HP
- NEMA MG1-PART 31 Inverter Duty
- 15:1 Constant Torque, 20:1 Variable Torque
- Service Factor 1.25
- Removable/ repositionable feet for any terminal box position (F1, F2, F3)
- Class F insulation, Class B rise
- Dual Rated 60/50Hz at same HP
- CSA approved for Class I ; Division 2; Groups A,B,C & D,T3

Custom Motors





- Fumex Smoke Extraction Motors
- Marine Applications
- Double / Non-Standard Shaft
- Variable Speed Packages
- Stator / Rotor Units
- Customized Electrical Characteristics
- High Ambient
- TENV
- Forced Vent
- Witton Kramer Brakes
- Many More...contact us to discuss your needs in detail