Keeping Industry Turning

Product Guide

BROOK CROMPTON
Keeping Industry Turning

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Contents

Keeping Industry Turning

Brook Crompton, the original innovator in electric motor development, is a leading provider of energy efficient electric motors. With over 110 years' technical & design expertise, UK-based Brook Crompton delivers consistently reliable electric motors to a global market.

Trusted to power limitless industrial activities across diverse market sectors, the robust design of Brook Crompton's electric motors drives fans, pumps, compressors, conveyors and more, every second, of every day, of every year.

Driven by technology and innovation, Brook Crompton has one of the widest available ranges of electric motors for operation in hazardous atmospheres and hostile environments.

Renowned for their adaptability, Brook Crompton's extensive motor stock can be modified to suit the needs of different market sectors, with technical support from the company's knowledgeable team readily available to ensure the correct selection of motors for any application. For bespoke situations and complete flexibility, Brook Crompton will design and manufacture to meet individual customer specifications.

Brook Crompton has a long-standing reputation for efficient customer service, supporting customers worldwide through its global network. Specialist Brook Crompton Motor Centres operate alongside approved product distributors throughout the UK, mainland Europe, Middle East, Canada, USA, and Asia Pacific.

Shaping the future of electric motors, Brook Crompton is focused on the development of new products that improve energy efficiency, offer lower cost of ownership throughout the motor lifetime and reduce environmental impact.

Brook Crompton, the original innovator in electric motors.

Aluminium / Rolled steel single phase

Capacitor start & run, Capacitor start - induction run
Capacitor start - capacitor run

Single Phase Aluminium Specification

Specification		
	Standard product	Option
Frame sizes	IEC / BS: 63 -100	-
	NEMA: 56	-
Enclosure	IP55	IP56, IP65, IP66
Mounting option	Foot (B3), Flange (B5), Face (B14)	-
	Foot & Flange (B35), Foot & Face (B34)	-
Terminal box position	Top	Right hand side, left hand side
Voltage	Frame sizes 63-90: 230 ±10%	-
	Frame size 100: 240 ±6%	-
	NEMA 56: 110 / 220	-
Frequency	50 Hz / 60Hz	
Cooling	IC411	IC410, IC416
Insulation	class F	-
Temperature rise	class B	-

The above specification and options give a brief summary of features available for this range.

IEC / BS Frame sizes 63 - 100

NEMA Frame size 56

IP55, IP56, IP65 or IP66

Aluminium single phase range

The Brook Crompton aluminium single phase motor range is a high quality, high variant, high performance product with outputs from 0.07kW to 3kW in frame sizes DA63S to DA100L. Available as capacitor start & run, capacitor start - induction run or capacitor start - capacitor run.
The NEMA 56 single phase motor has a rolled steel construction with outputs from 0.5hp to 4hp.

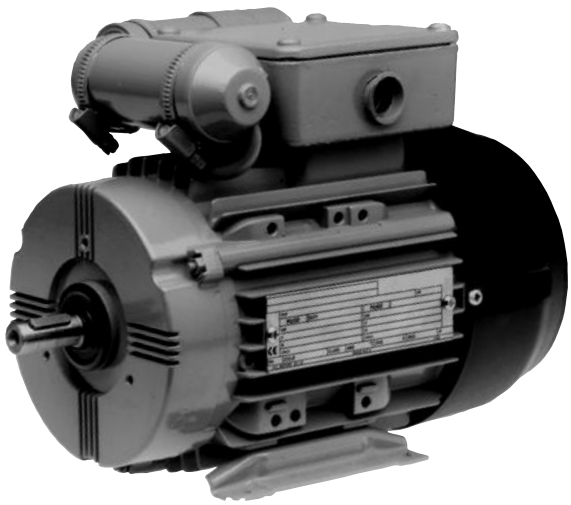
Single phase motors are used primarily in small workshops and farms with a domestic supply. Some industrial equipment are specifically designed for use with a single phase electricity supply, such as fans, blowers, centrifugal pumps and high pressure washers

Multi-Mount

By simply changing the position of the feet, the user is able to obtain right, left or top mounted terminal box positions and by removing the standard endshield you can change it for a flange or face version.

Special build options:

- Brake / brake kit friendly (frames 63-100)
- Special shaft / special flange dimensions
- Special voltage
- Special paint
- Marine
- plus many more



W Aluminium (IEC / NEMA)

IEC / BS
Frame sizes
63 - 180

NEMA
Frame sizes
56 - 286

IE2 or IE3
Efficiency

UL Verified

IP55, IP56,
IP65 or IP66

W Aluminium Specification

Specification		
	Standard product	Option
Frame sizes	IEC / BS: 63 - 180	-
	NEMA: 56 -286	-
Enclosure	IP55	IP56, IP65, IP66
Mounting option	Foot (B3), Flange (B5), Face (B14) or Pad (B30)	-
	Foot & Flange (B35), Foot & Face (B34)	-
Terminal box position	IEC / BS: Top.	Right hand side, left hand side
	NEMA: Left	Right hand side, Top
Voltage	3 kW and below: 230 / 400	NEMA: 20hp and below: 230/460 or 575
	4 kW and above: 400 / 690	NEMA: 25hp and above: 230/460 or 575
Frequency	50 Hz / 60Hz	variable frequency
Cooling	IC411	IC410, IC416 & IC418
Insulation	class F	class H
Temperature rise	class B	class F

The above specification and options give a brief summary of features available for this range.

W aluminium range

The Brook Crompton aluminium motor range is a high quality, high variant product with outputs from 0.07kW to 22kW in frame sizes WU-DA63S to WU-DA180L (56 to 286 NEMA). They are widely used in a diverse range of applications from food and drink to water and sewage. From heating and ventilation to refrigeration. Some of the benefits of aluminium over cast iron, include, high resistance to corrosion and atmospheric attack (except chlorine, salt-laden or sulphuric acid) and the fact that aluminium is approximately one third the weight of cast iron.

Multi-Mount

By simply changing the position of the feet, the user is able to obtain right, left or top mounted terminal box positions and by removing the standard endshield you can change it for a flange or face version.

Special build options:

- MEPS Australia / New Zealand
- 575 Volts - Canadian standard
- Multi speed
- Brake / brake kit friendly (frames 63-132)
- Encoder
- Force ventilated (IC416)
- Special shaft / special flange dimensions
- Special paint
- Special voltage
- Low starting torque
- Marine
- Hoist / crane duty
- plus many more

W Cast iron (IEC / BS, NEMA)

Low voltage

W Cast Iron Specification

Specification	Standard product	Option
Frame sizes	IEC / BS: 80 - 355	-
	NEMA: 56 - 587	-
Enclosure	IP55	IP56, IP65, IP66
Mounting option	Foot (B3), Flange (B5), Face (B14) or Pad (B30)	-
	Foot & Flange (B35), Foot & Face (B34)	-
Terminal box position	IEC / BS: Top.	Right hand side, left hand side
	NEMA: Left hand side	Right hand side, Top
Voltage	3 kW and below: 230 / 400	NEMA: 20hp and below: 230/460 or 575
	4 kW and above: 400 / 690	NEMA: 25hp and above: 230/460 or 575
Frequency	50 Hz / 60Hz	variable frequency
Cooling	IC411	IC410, IC416 & IC418
Insulation	class F	class H
Temperature rise	class B	class F

The above specification and options give a brief summary of features available for this range.

W cast iron range

The Brook Crompton W cast iron motor range is a high quality, high variant product with outputs from 0.18kW to 400kW in frame sizes 80 to 355L (56 to 587 NEMA).

They are suitable for use within a diverse range of applications from food and drink to china clay production. From roller table drives to refrigeration. Many applications often have adverse operating conditions including repeated starting and occasional overloading; the 'W' range is well suited to these situations. A virtual 'go anywhere' motor, this cast iron range has a full 3-year guarantee.

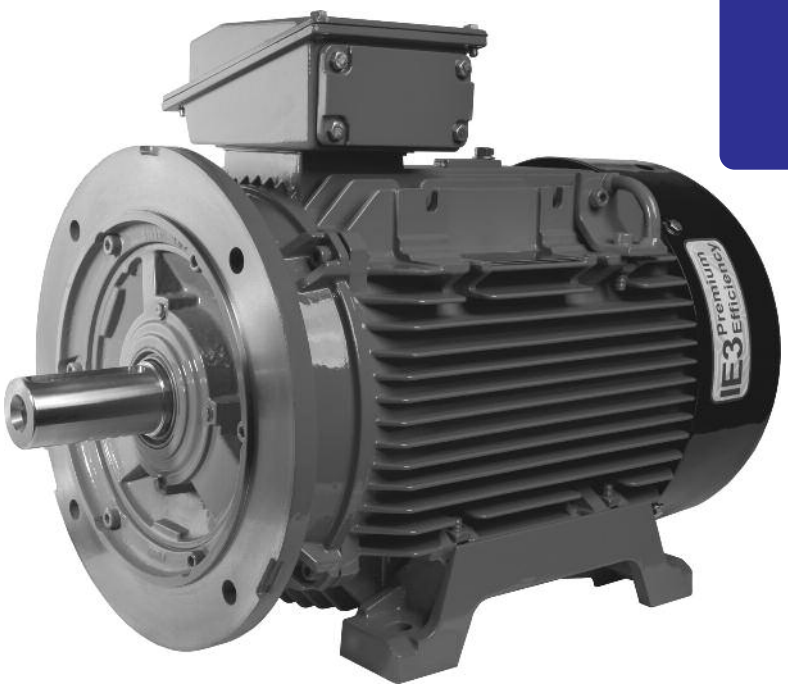
Multi-Mount

By simply changing the position of the feet, the user is able to obtain right, left or top mounted terminal box positions and by removing the standard endshield you can change it for a flange or face version.

On frame sizes 200 to 355 a flange ring can be fitted to give (B5) or (B35) mounting options, without removing the drive end endshield.

Special build options:

- MEPS Australia / New Zealand
- 575 Volts - Canadian standard
- Multi speed
- Encoder
- Force ventilated (IC416)
- Special shaft / special flange dimensions
- Special paint
- Special voltage
- Roller bearing
- Low starting torque
- Marine
- Hoist / crane duty
- Fumex (smoke extraction)
- plus many more



IEC / BS Frame sizes 80 - 355

NEMA Frame sizes 56 - 587

IE2, IE3 or IE4 Efficiency

UL Verified

IP55, IP56, IP65 or IP66

Series 10 Aluminium (IEC)

IEC
Frame sizes
56 - 160

IE2 or IE3
Efficiency

IP55, IP56,
IP65 or IP66

Series 10 Aluminium Specification

Specification	Standard product	Option
Frame material	56 - 160 aluminium	-
Enclosure	IP55	IP56, IP65, IP66
Mounting option	Foot (B3), Flange (B5), Face (B14)	-
	Foot & Flange (B35), Foot & Face (B34)	-
Terminal box position	Top	Left, Right
Voltage	3 kW and below: 230 / 400	-
	4 kW and above: 400 / 690	-
Frequency	50 Hz / 60Hz	variable frequency
Cooling	IC411	-
Insulation	class F	-
Temperature rise	class B	-

The above specification and options give a brief summary of features available for this range.

Series 10 aluminium range

The Brook Crompton Series 10 aluminium range is a high quality standard range of electric motors with a specification suitable for most industrial applications.
It covers outputs from 0.06kW up to 18.5kW in frame sizes 56 to 160.

Stock modifications include

- B14, B34, B35 mounting options
- IP56, IP65 ingress protection
- Change of terminal box position
- Cable entry position change
- Anti condensation heaters
- Restamp for inverter rating

Multi-Mount

By simply changing the position of the feet, the user is able to obtain right, left or top mounted terminal box positions and by removing the standard endshield you can change it for a flange or face version.

Series 10 Cast iron (IEC)

Low voltage

Series 10 Cast Iron Specification

Specification		
	Standard product	Option
Frame material	80 - 450 cast iron	-
Enclosure	IP55	IP56, IP65, IP66
Mounting option	Foot (B3), Flange (B5), Face (B14)	-
	Foot & Flange (B35), Foot & Face (B34)	-
Terminal box position	Top	-
Voltage	3 kW and below: 230 / 400	-
	4 kW and above: 400 / 690	-
Frequency	50 Hz / 60Hz	variable frequency
Cooling	IC411	-
Insulation	class F	-
Temperature rise	class B	-

The above specification and options give a brief summary of features available for this range.

IEC
Frame sizes
80 - 450

IE2 or IE3
Efficiency

IP55, IP56,
IP65 or IP66

Series 10 cast iron range

The Brook Crompton Series 10 cast iron range is a high quality standard range of electric motors with a specification suitable for most industrial applications. It covers outputs from 0.09kW up to 900kW in frame sizes 80 to 450.
MEPS Australia / New Zealand available on request.

Stock modifications include

- B14, B34, B35 mounting options
- IP56, IP65 ingress protection
- Cable entry position change
- Anti condensation heaters
- Restamp for inverter rating

Series 10 - Single phase

Capacitor start / Capacitor run

IEC
Frame sizes
71 - 100

IP55

Series 10 Aluminium Single Phase Specification

Specification		
	Standard product	Option
Frame material	71 - 100 aluminium	-
Enclosure	IP55	-
Mounting option	Foot (B3), Flange (B5), Face (B14)	-
	Foot & Flange (B35), Foot & Face (B34)	-
Terminal box position	Top	-
Voltage	3 kW and below: 230	-
Frequency	50 Hz	-
Cooling	IC411	-
Insulation	class F	-
Temperature rise	class B	-

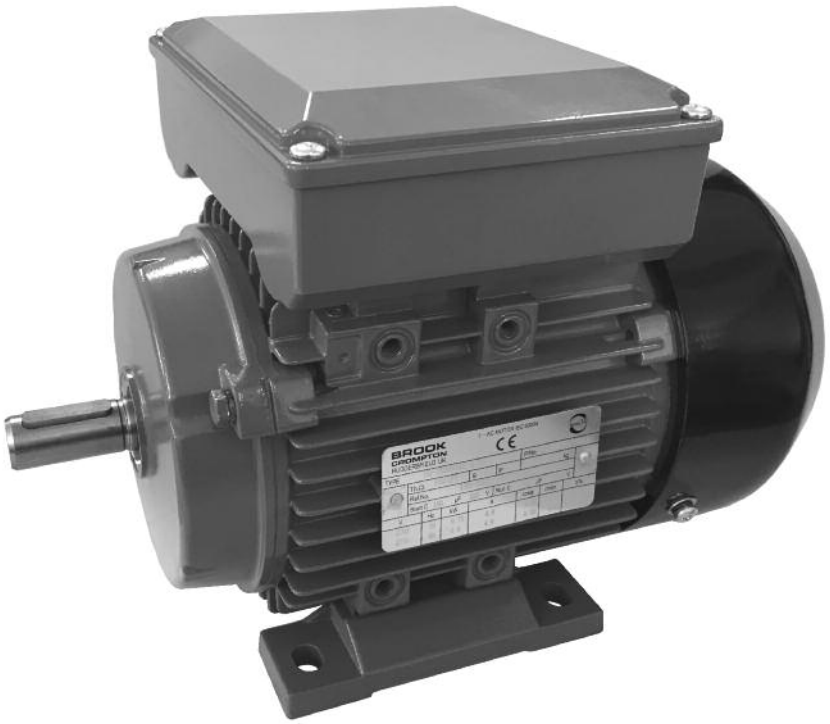
The above specification and options give a brief summary of features available for this range.

Series 10 Single phase range

The Brook Crompton Series 10 single-phase range is an aluminium, high quality standard range of electric motors.
It covers outputs from 0.25kW up to 3.0kW in frame sizes 71 to 100. Available as capacitor start & capacitor run.

Stock modifications include

- B14, B34, B35 mounting options
- Thermistors
- Anti condensation heaters



IP23 - Drip Proof

Low voltage

IP23 Drip Proof Cast Iron Specification

Specification		
	Standard product	Option
Frame material	Cast Iron	-
Enclosure	IP23	-
Mounting option	Foot (B3)	Foot & Flange (B35)
Terminal box position	Top or Right	-
Voltage	400 / 690	-
Frequency	50 Hz / 60Hz	Variable frequency
Cooling	IC01	-
Insulation	class F	-
Temperature rise	class B	-
Thermal protection	standard	-
Anti-condensation heaters	-	110V or 240V

The above specification and options give a brief summary of features available for this range.

Frame sizes 160 - 355

IE3 Efficiency

IP23

IP23 cast iron range

The Brook Crompton IP23 cast iron range is a high quality standard range of electric motors with a specification suitable for most industrial applications.
It covers outputs from 18.5kW up to 710kW in frame sizes 160 to 355.

Stock modifications include

- B35 mounting
- Roller bearing
- Anti condensation heaters
- Restamp for inverter rating
- Insulated bearing

Low Voltage - Hazardous area products

- Gas or dust protection.
- Zone 1 Ex db (eb).
- Zone 2 Ex nA non sparking.
- IIB or IIC enclosure classes.
- Outputs from 0.18kW to 800kW.
- Increased outputs.
- IE2, IE3 or IE4 efficiency.
- Premium efficiency.
- Brake motors.
- Variable speed drive compliant.
- Fume Extraction.
- Group I mining
- Certified to: ATEX, PTB, IECEx, CSA, UL, NEPSI, TestSafe, TR CU.

W Ex db (eb) flameproof (IEC / BS, NEMA)

Low voltage - Zone 1, ATEX, IECEx, Class 1

Flameproof Specification

Specification	Standard product	Option
Frame sizes	IEC / BS: 63 - 450	-
	NEMA: 143-505	-
Enclosure	IP55	IP56, IP65, IP66, IP67* or IP68*
Mounting option	Foot (B3), Flange (B5), Face (B14) or Pad (B30)	-
	Foot & Flange (B35), Foot & Face (B34)	-
Terminal box position	90 - 180: Right hand side	Left hand side, top
	200 - 315: Top	Right hand side, left hand side
Voltage	3 kW and below: 220-240 / 380-415	-
	4 kW and above: 380-415	-
Frequency	50 Hz / 60Hz	variable frequency
Cooling	IC411	IC410 & IC418
Insulation	class F	class H
Temperature rise	class B	class F

The above specification and options give a brief summary of features available for this range.
* IP67 & 68 only avaliable on frame sizes 90 to 180

IEC / BS Frame sizes 63 - 450

NEMA Frame sizes 143 - 505

High Efficiency

IP55, IP56, IP65 or IP66

W flameproof range

Brook Crompton's flameproof motors are designated Ex db flameproof and are designed for operation in Zone 1 hazardous areas.
They comply with all relevant national and international standards. They are of a rugged cast iron construction to withstand an internal explosion.

Outputs range from 0.37kW to 200kW with smaller or larger outputs on request.

Standard motors are suitable for applications classified T4, in addition, T5 and T6 can be supplied, although this may involve reduced outputs

Special build options:

- Ex db eb IIB or IIC
- Group I mining
- Special shaft dimensions
- Special voltage
- Low starting torque
- Offshore
- Roller bearing
- 575 Volts - Canadian standard
- plus many more

Multi-Mount (200 frames and above)

By simply changing the position of the feet, the user is able to obtain right, left or top mounted terminal box positions. A flange ring can also be fitted to give (B5) or (B35) mounting options, without removing the drive end endshield.

MEPS Australian / New Zealand flameproof (IEC)

Low voltage - Zone 1 IECEx

IEC
Frame sizes
90 to 560

IE2, IE3 or IE4
efficiency

IP55, IP56,
IP65 or IP66

MEPS Flameproof Specification

Specification		
	Standard product	Option
Frame sizes	IEC: 90 - 560	-
Enclosure	IP55	IP56, IP65, IP66
Mounting option	Foot (B3), Flange (B5), Face (B14) or Pad (B30)	-
	Foot & Flange (B35), Foot & Face (B34)	-
Terminal box position	Top	on request
Voltage	3 kW and below: 220-240 / 380-415	-
	4 kW and above: 380-415	-
Frequency	50 Hz / 60Hz	variable frequency
Cooling	IC411	-
Insulation	class F	class H
Temperature rise	class B	class F

The above specification and options give a brief summary of features available for this range.

MEPS Australian / New Zealand Flameproof range

Brook Crompton's range of flameproof motors for Australia and New Zealand are designated Ex d flameproof and are designed for operation in Zone 1 hazardous areas.
They comply with all relevant national and international standards. They are of a rugged cast iron construction to withstand an internal explosion.

Outputs range from 0.37kW to 1000kW with smaller or larger outputs on request.

Standard motors are suitable for applications classified T3 and T4 can be supplied.

Special build options:

- ATEX, IECEx
- Gas groups IIB or IIC
- Group I mining
- Special shaft dimensions
- Special voltage
- Low starting torque
- Offshore
- Roller bearing
- plus many more

NEXP Premium efficiency range

Low voltage - Class I Division 1

NEMA Explosion Specification

Specification		
	Standard product	Option
Frame sizes	143 - 449	-
Enclosure	IP55	IP56, IP65, IP66
Mounting option	Foot (B3), Flange (B5), Face (B14)	-
	Foot & Flange (B35), Foot & Face (B34)	-
Terminal box position	Left	right
Voltage	3 kW and below: 230 / 460	575V
	4 kW and above: 460	575V
Frequency	60Hz / 50Hz	variable frequency
Cooling	IC411	IC410, IC418
Insulation	class F	class H
Temperature rise	class B	class F

The above specification and options give a brief summary of features available for this range.

NEMA Frame sizes 143 - 449

Premium efficiency

IP55, IP56, IP65 or IP66

NEXP Premium Efficiency explosion proof range

Brook Compton's NEMA frame Explosion proof range of motors is designed for operation in areas classified Class 1 Division 1 according to NEC code 500 with certification by UL and CSA.

They comply with the DoE / NR Canada Premium Efficiency regulations and are constructed from cast iron, including fan cover for operation in harsh environments.

Outputs range from 1 Hp to 400 Hp with larger outputs on request.

On request NEMA frame explosion proof motors can be built to customer specific requirements for industries such as oil and gas, petrochemical and mining.

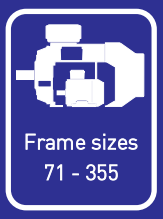
NEMA Frame explosion proof motors are also available in EPACT and non-classified efficiency designs.

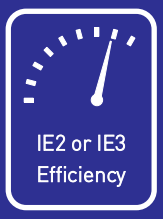
Special build options:

- Special shaft dimensions
- Special voltage
- Low starting torque
- Offshore
- Roller bearing
- plus many more

W Ex nA (IEC & BS)

Low voltage - Zone 2 , T3. Class 1 Div 2 (CSA)





Ex nA Specification

Specification	Standard product	Option
Frame sizes	71 - 355	-
Enclosure	IP55	IP56, IP65, IP66
Mounting option	Foot (B3), Flange (B5), Face (B14) or Pad (B30)	-
	Foot & Flange (B35), Foot & Face (B34)	-
Terminal box position	Top	Right hand side, left hand side
Voltage	3 kW and below: 230 / 400	-
	4 kW and above: 400 / 690	-
Frequency	50 Hz / 60Hz	-
Cooling	IC411	-
Insulation	class F	class H
Temperature rise	class B	class F

The above specification and options give a brief summary of features available for this range.

W Ex nA range

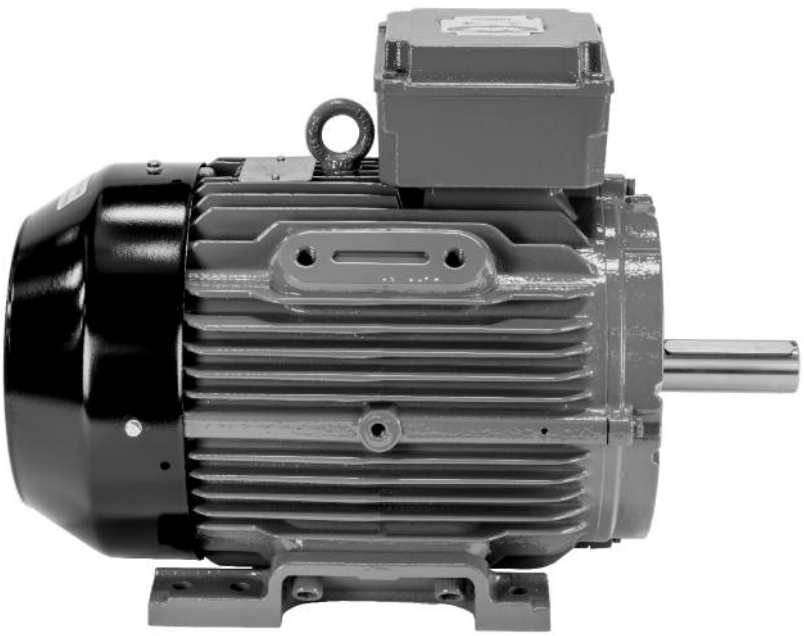
The construction of Ex nA motors is similar to standard TEFV motors but with special attention made to eliminate the production of arcs, sparks or dangerous surface temperatures. Air gap concentricity is rigidly inspected throughout manufacture.
The structure of the motor is also impact tested. All motors comply with the requirements of the relevant ATEX directive, CSA (Class 1, Div 2). IECEx.

Multi-Mount

By simply changing the position of the feet, the user is able to obtain right, left or top mounted terminal box positions and by removing the standard endshield you can change it for a flange or face version.
On frame sizes 200 to 355 a flange ring can be fitted to give (B5) or (B35) mounting options, without removing the drive end endshield.

Special build options:

- Multi speed
- Special shaft / special flange dimensions
- Special paint
- Special voltage
- Low starting torque
- Roller bearing
- plus many more



W Dust ignition proof (IEC & BS)

Low voltage - Zone 21 or Zone 22

Dust ignition proof Specification

Specification		
	Standard product	Option
Frame sizes	71 - 355	-
Enclosure	IP55	-
Mounting option	Foot (B3), Flange (B5), Face (B14) or Pad (B30)	IP56, IP65, IP66
	Foot & Flange (B35), Foot & Face (B34)	-
Terminal box position	Top, (80 frame right hand side)	Right hand side, left hand side
Voltage	3 kW and below: 230 / 400	-
	4 kW and above: 400 / 690	-
Frequency	50 Hz / 60Hz	-
Cooling	IC411	-
Insulation	class F	class H
Temperature rise	class B	class F

The above specification and options give a brief summary of features available for this range.

Frame sizes 71 - 355

High Efficiency

IP55, IP56, IP65 or IP66

W Dust Ignition Proof range

The construction of Dust Ignition Proof motors is similar to standard TEFV motors but with special attention made to eliminate the production of arcs, sparks or dangerous surface temperatures.
Air gap concentricity is rigidly inspected throughout manufacture.
The structure of the motor is also impacted tested.
All motors comply with the requirements of the relevant ATEX directive.

Multi-Mount

By simply changing the position of the feet, the user is able to obtain right, left or top mounted terminal box positions and by removing the standard endshield you can change it for a flange or face version.
On frame sizes 200 to 355 a flange ring can be fitted to give (B5) or (B35) mounting options, without removing the drive end endshield.

Special build options:

- Multi speed
- Special shaft / special flange dimensions
- Special paint
- Special voltage
- Low starting torque
- Roller bearing
- plus many more

Safe Area

Frame sizes 355 to 800

NEMA & ANEMA on request

IP55, IP56, IP65 or IP66

Safe Area High Voltage Specification

Specification	Standard product	Option
Frame sizes	IEC: 355 - 800	-
	NEMA & ANEMA on request	-
Enclosure	IP55	IP56, IP65, IP66
Mounting option	Foot (B3), Flange (B5), Foot & Flange (B35)	-
	Flange (V1)	-
Terminal box position	Top	on request
Voltage	2.3kV to 13.8kV	-
Frequency	50 Hz / 60Hz	variable frequency
Cooling	IC01, IC02, IC410, IC411, IC416, IC511, IC611 & IC81W	others on request
Insulation	class F	class H
Temperature rise	class B	class F

The above specification and options give a brief summary of features available for this range.

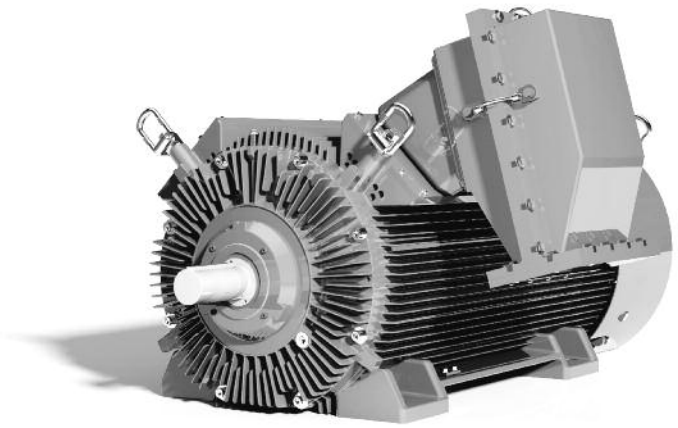
MV / HV motors safe area

Brook Crompton's range of medium and high voltage motors are available in cast-iron and fabricated steel frames, with die cast aluminium and copper bar rotors to suit the requirements of a wide range of applications including pumps, fans, compressors and power transmission.

They comply with all relevant national and international standards and are available in outputs from 90 kW to 130 MW in induction and synchronous designs,
Special build motors customised to customer specific requirements can be engineered as required.
Motors are available with low noise water cooled designs, air to air heat exchangers, enclosures to NEMA WP1 and WP2, low starting current, with designs available suitable for high inertia fans, reciprocating piston and turbo compressors.

Special build options:

- Special shaft dimensions
- Special voltage
- Low starting torque
- Offshore
- Roller bearing
- plus many more



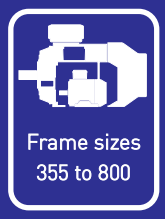
Hazardous area

High Voltage

Hazardous Area High Voltage Specification

Specification		
	Standard product	Option
Frame sizes	IEC: 355 - 800	-
Enclosure	NEMA & ANEMA on request	-
Mounting option	IP55	IP56, IP65, IP66
	Foot (B3), Flange (B5), Foot & Flange (B35)	-
	Flange (V1)	-
Terminal box position	Top	on request
Voltage	2.3kV to 13.8kV	-
	50 Hz / 60Hz	variable frequency
Frequency	IC01, IC02, IC410, IC411, IC416, IC511,	others on request
Cooling	IC611 & IC81W	
Insulation	class F	class H
Temperature rise	class B	class F

The above specification and options give a brief summary of features available for this range.



MV / HV Explosion proof designs

Brook Crompton offer a wide range of medium and high voltage motors with explosion proof enclosures are available to suit a wide range of customer requirements.

Offering explosion protection to ATEX, IECEx and NEC standards in ExN, Exd, ExP, and Class 1, Div 1. We are able to meet the requirements of a wide range of industrial applications for onshore and offshore sites

Motors are available with low noise water cooled designs, air to air heat exchangers, low starting current, with designs available suitable for high inertia fans, reciprocating piston and turbo compressors.

Special build options:

- Special shaft dimensions
- Special voltage
- Low starting torque
- Offshore
- Roller bearing
- plus many more

Vibrator motors

OLI - MVE Range

OLI
WHEN YOU NEED IT, WHERE YOU NEED IT.
THE WORLDWIDE LEADER IN VIBRATION TECHNOLOGY

Hazardous Areas

IP66

MVE Standard

Efficient solution, in stock

Conveying, screening, feeding, hopper emptying.
Food, construction, mining, foundry.
From 0.03 to 16.5kW (2-4-6-8 poles), 1Ph and 3Ph

- II3D Ex tD A22 Tx IP66 - II2D Ex t IIIC Tx Db IP66
- Ex tb IIIC Tx Db IP66
- Class II Div2 Group F,G T4 NEMA4

MVE-E Increased Safety

Safety in hazardous environments

Screening, feeding, hopper emptying.
Food, mining, chemical.
From 0.16 to 7.60kW (2-4-6-8 poles).

- II2GD - Exe IIT3 Ex tD A21 T 150°C IP66
- Ex tb IIIC Tx Db IP66

MVE-D Explosion Proof

Safety in extremely hazardous environments

Screening, conveying, feeding.
Oil and gas sector, mining.
From 0.35 to 3.6kW (2-4-6-8 poles).

- II2GD Ex d IIB T4 Ex tD A21 IP66 T135°C
- Ex db IIB T4- Ex tb IIIC T135°C
- Class I Div1 Group C,D T4, IP66
- Class II Div1 Group E,F,G
- NCC IEC 60079

MVE-MICRO

Seal-proof monolithic body frame

Hopper emptying, compaction.
Food, plastic, chemical.
From 0.03 to 0.07kW (2 poles), 1Ph and 3Ph

- II3D Ex tD A22 Tx IP66 - II2D Ex t IIIC Tx Db IP66
- Ex tb IIIC Tx Db IP66
- Class II Div2 Group F,G T4 NEMA4

MVE-DC Direct Current

IP 66 protection, resistant to accidental shocks

Concrete pumps.
12V and 24V, from 0.08 to 0.16kW.

- II3D Ex tD A22 Tx IP66

Flow Aids

OLI - Flow aids

AERATORS

Vibro-Aerators: VB

General purpose dry powders.
Food and chemicals compatibility.
The fastest load out speed.

Aeration Pads: I100

Cement, lime.
Low air consumption, create fluid bed, suitable for retrofitting.
External mounting kit.

Aeration Nozzles: U

Cement, lime.
Low air consumption, create fluid bed, suitable for retrofitting.

AIR JET

Air Cannons: GUNJET PG

Irregular shapes and fibrous light materials. Compact design.
The fastest load out speed.

Combined Hammer Blasts: PICJET PJ

The best for dry, fine powders.
Unique designs.

HYDRAULIC VIBRATORS

Hydraulic: MVO

Hygroscopic, wet, sticky powders and granular materials.
High force and performance, continuous duty, robust and safe.
Easy to install. Compact design.

LINEAR PNEUMATIC VIBRATORS

Single Impact: MARTSHOCK PS

General purpose dry and wet powders. Integrated solenoid valve.

KIT: II3D c T85°C

Continous Impact: P

Hygroscopic, sticky and humid powders.
High temperature.

II2D cT(x)/ II2G cT(x)

Cushioned: K

Hygroscopic, dusty powders and granular materials. Clean, silent.

II2D cT(x)/ II2G cT(x)

Adjustable Cushioned: F

Hygroscopic, dusty powders and granular materials.
Adjustable Force and vibration frequencies.

II2D cT(x)/ II2G cT(x)

ROTARY PNEUMATIC VIBRATORS

Maintenance-free: Anodized aluminium body.
High performance: Low air consumption.

II2D cT(x)/ II2G cT(x)

Turbine: OT

Food environment.
Oil-free.
High performance.

Roller: OR

Hygroscopic powders.
High temp.

Ball: S

Dry powders and granular materials.
Generic use.

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