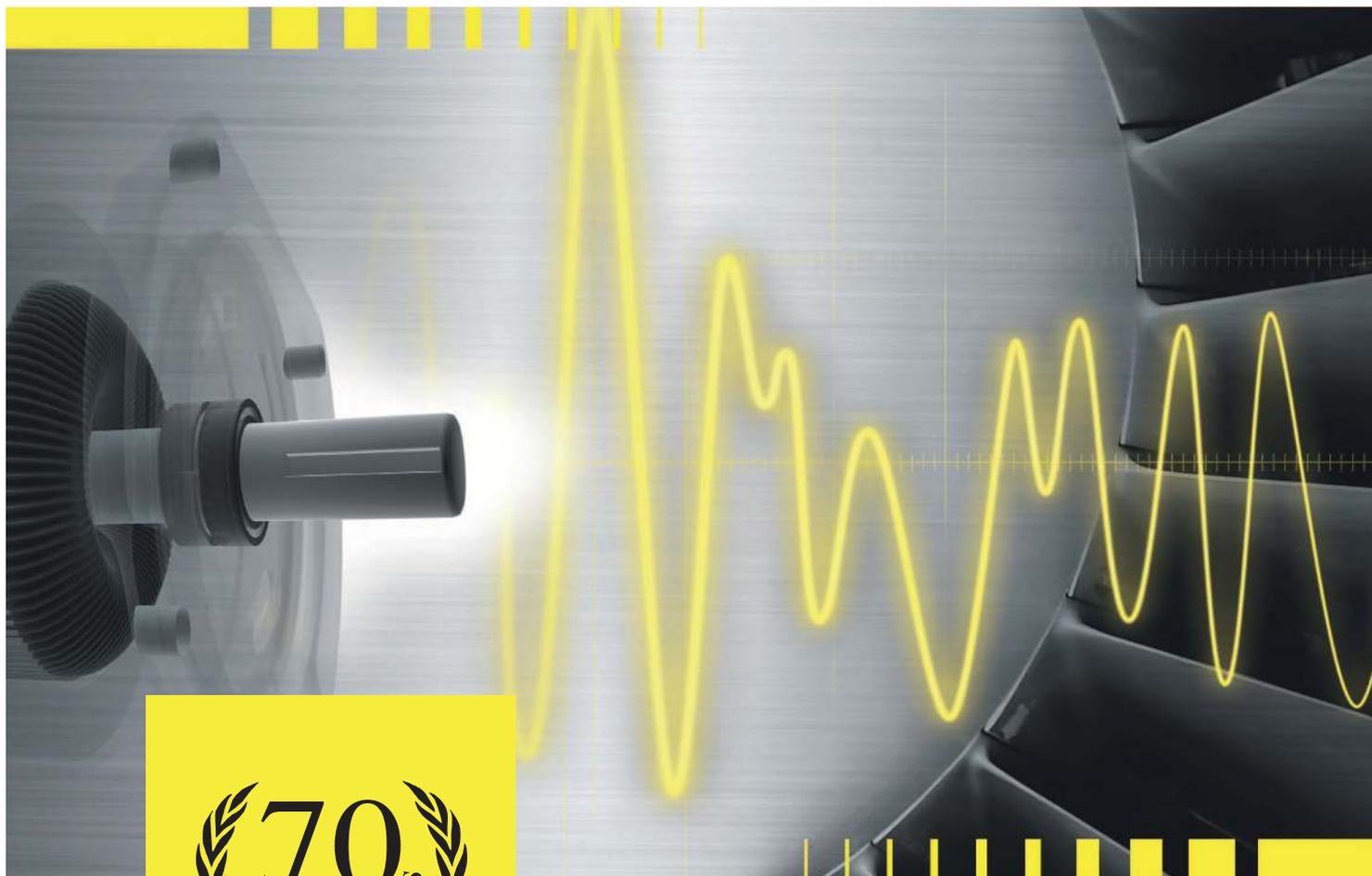
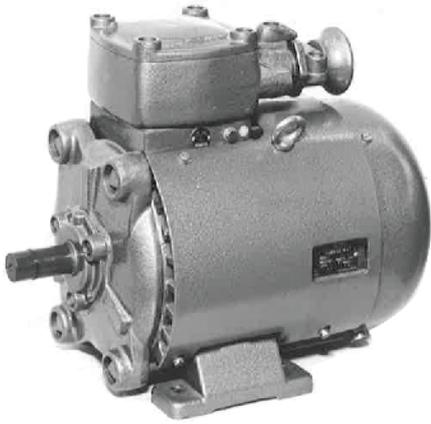


ATB TAMEL PRODUCT RANGE



ATB TAMEL PRODUCT RANGE



ATB TAMEL

After 70 years of presence on the market and with strong Brook Crompton product brand we are one of Europe's leading suppliers of electric motors. With extensive staff base, modern machinery and supported by factories from our international Wolong Group, we are ready to cover all your demands for electric drives.

WE OFFER:

- Low voltage AC motors up to 1140V
(need more, no problem – we can get you MV & HV motors, as well as DC motors from other ATB or Wolong factories)
- Aluminium and cast iron frame
(light and economic design / massive, durable construction – all available)
- Safe and hazardous area Exdb/eb, Exe, Exdb I M2, DIP
(wide range of variants: IIA,IIB,IIC / T3,T4,T5)
- Energy efficient product
(IE3, IE4 class, Nema Premium)
- Single and three phase motors
- Variable speed motors
(designed for frequency inverter)
- Special design and application
(smoke extraction motors, cranes, wood saws, marine motors... ask what you need)
- Aluminium and cast iron foundry
(need cast parts, components – just send us an inquiry)
- Professional test room and laboratory
(witnessed routine and special tests available, third-party certification, etc.)



SAFE AREA MOTORS

- IEC Frames 63-180 (aluminium housing), 80-355 (cast-iron housing)
- Efficiency class: IE3, IE4, Nema Premium
- Speed/power range: 2-8 poles / 0.18 – 400kW (2-speed and other on request)
- Voltage: up to 750V
- Multi-mount construction (B3, B5, B14, B30 and other)
- IEC and Nema standards
- Certification available: UL/CSA, MEPS, ARAMCO, EAC
- Degree of protection: IP55, IP56, IP65, IP66, IP67, IP68
- Ambient temperature -55 / +100°C (depending on frame material)
- Cooling: IC411, IC418, IC416, IC410



SAFE AREA ALUMINIUM MOTOR



SAFE AREA CAST IRON MOTOR

HAZARDOUS AREA MOTORS

FLAMEPROOF EXDB/EB

- Exdb, zone 1, group IIA&IIB, temp. class T3, T4, T5 (e.g. Ex II 2G Ex db IIB T4 Gb)
- Exdb zone 1, group IIA&B, IIC, temp. class T3, T4 (e.g. Ex II 2G Exdb eb IIC T3 Gb)
- mining motors Ex I M2 Ex db I Mb
- Frame size 90-315
- Speed/power range: 2-8 poles / 0,18 – 200kW
- Voltage: up to 1140
- Mounting options (B3, B5, B14, B30 and other)
- IEC standards. Basefa certification available on demand
- ATEX / IECEX certification
- Degree of protection: IP55, IP56, IP65, IP66, IP68
- Ambient temperature -55 / +60°C



INCREASED SAFETY EXE

- zone 1, group II, temp. class T3
- Frame size 80-355 Speed/power range: 2-8 poles / 0,37 – 260kW
- Voltage: up to 750V
- Multi-mount construction (B3, B5, B14, B30 and other)
- IEC standards. Basefa certification available on demand
- ATEX / IECEX certification
- Degree of protection: IP55, IP56, IP65, IP66



NON-SPARKING EXNA

- Zone 2, group II, temp. class T3
- Frame size 80-355
- Speed/power range: 2-8 poles / 0,18 – 400kW
- Voltage: up to 750V
- Multi-mount construction (B3, B5, B14, B30 and other)
- IEC standards. Basefa certification available on demand
- ATEX / IECEX certification
- Degree of protection: IP55, IP56, IP65, IP66
- Ambient temperature -55 / +60°C



SPECIAL DESIGN MOTORS

SMOKE EXTRACTION DUTY MOTORS - FUMEX®

- IEC Frames 80-355 in cast-iron housing
- IEC Frames 80-180 in aluminium housing (up to F300)
- Speed/power range: 2-8 poles / 0.18 - 400kW
- Multi-mount construction (B3, B5, B14, B30 and other)
- Degree of protection: IP55, IP56, IP65, IP66
- Temperature class: F200, F250, F300, F400
- Certified to EN 12101-3:2015 standard



WOODWORKING MACHINES / CIRCULAR SAW MOTORS

- IEC Frames 63-75 in aluminium housing
- Speed/power range: 2 poles / 1.0 - 6.5kW / S6-40% duty
- Voltage: up to 690V
- Mounting options B3-foot mounted
- IEC standard
- Degree of protection: IP55, IP56
- Ambient temperature -20 / +40°C
- Cooling: IC411



CUSTOMIZED DESIGNS

- Brake motors - AC & DC brakes
- Forced ventilated motors IC416
- Marine motors (to LRS, BV, ABS, DNV, RINA, NKK and other)
- Motors to be built on (stator and rotor units)
- Motors fitted with accessories: encoders, glands, thermal sensors, etc.



ATB TAMEL PRODUCT RANGE

SIZE 80-180 ALUMINIUM & CAST IRON FRAMES IE3 MOTORS AVAILABLE



Power at 50Hz [kW]	2 pole	4 pole	6 pole
0,75	WP-DA(F)80MM IE3	WP-DA(F)8MS-4 IE3	-
1,1	WP-DA(F)80MS IE3	WP-DA(F)90STX IE3	-
1,5	WP-DA(F)90SMX IE3	WP-DA(F)90LWX IE3	WP-DA(F)100LTF IE3
2,2	WP-DA(F)90LSX IE3	WP-DA(F)100LRF IE3	WP-DA(F)112MWX IE3
3	WP-DA(F)100LMF IE3	WP-DA(F)100LTF IE3	WP-DA(F)132MMX IE3
4	WP-DA(F)112MR IE3	WP-DA(F)112MWX IE3	WP-DA(F)132STX IE3
5,5	WP-DA(F)132SGX IE3	WP-DA(F)132STX IE3	WP-DA(F)132MVX IE3
7,5	WP-DA(F)132SMX IE3	WP-DA(F)132MVX IE3	WP-DA(F)160MM IE3
11	WP-DA(F)160MJ IE3	WP-DA(F)160MR IE3	WP-DA(F)160LV IE3
15	WP-DA(F)160LR IE3	WP-DA(F)160LU IE3	WP-DA(F)180LR IE3
18,5	WP-DA(F)160LT IE3	WP-DA(F)180LJ IE3	-
22	WP-DA(F)180MF IE3	WP-DA(F)180LM IE3	-

SIZE 200-355 CAST IRON FRAMES IE3 MOTORS AVAILABLE



Power at 50Hz [kW]	2 pole	4 pole	6 pole
30	WP-UDF200LNx IE3	WP-UDF200LPx IE3	WP-UDF225MN IE3
37	WP-UDF200LPx IE3	WP-UDF225SR IE3	WP-UDF250MNE IE3
45	WP-UDF225MN IE3	WP-UDF225MN IE3	WP-UDF280SNE IE3
55	WP-UDF250MNE IE3	WP-UDF250MPE IE3	WP-UDF280MNE IE3
75	WP-UDF280SNE IE3	WP-UDF280SNE IE3	WP-UDF315SNE IE3
90	WP-UDF280MNE IE3	WP-UDF280MNE IE3	WP-UDF315MNE IE3
110	WP-UDF315SNE IE3	WP-UDF315SNE IE3	WP-UDF315MN IE3
132	WP-UDF315MNE IE3	WP-UDF315MNE IE3	WP-UDF315LN IE3
150	WP-UDF315MN IE3	WP-UDF315MN IE3	WP-UDF355SG IE3
160	WP-UDF315MP IE3	WP-UDF315MP IE3	WP-UDF355SJ IE3
185	WP-UDF315LN IE3	WP-UDF315LN IE3	WP-UDF355Sj IE3
200	WP-UDF315LP IE3	WP-UDF315LN IE3	WP-UDF355SP IE3
225	WP-UDF355SG IE3	WP-UDF355SG IE3	WP-UDF355MJ IE3
250	WP-UDF355Sj IE3	WP-UDF355Sj IE3	WP-UDF355MN IE3
280	WP-UDF355SN IE3	WP-UDF355SN IE3	WP-UDF355Lj IE3
315	WP-UDF355MJ IE3	WP-UDF355MJ IE3	WP-UDF355LN IE3
355	WP-UDF355MN IE3	WP-UDF355MN IE3	-
375	WP-UDF355LN IE3	WP-UDF355LN IE3	-

PAINTING SYSTEMS

NORSOK STANDARDS

for protective coatings to be applied in construction and installation of offshore setups and associated facilities.

NORSOK standards are among the most accepted and proved standards in international use.

They are a series of standards developed by the Norwegian petroleum industry in order to remove unnecessary activities in the offshore field development and operation, reduce cost, add value as well as to replace the individual oil company specifications. The system ensures optimal protection and safety with a minimum maintenance need.

NORSOK M-501 NO. 1 SYSTEM FOR HIGHLY CORROSIVE ENVIRONMENT

For carbon steel operating below 120C. This covers structural steel, exteriors of equipment, vessels, piping and uninsulated valves.

Total DFT: 280 µm Corrosion resistance: class C5 (M/I) H to ISO 12944-5

NORSOK M-501 2B SYSTEM FOR LONGEST DURABILITY

For carbon steel operating above 120C. This covers insulated surfaces, vessels, piping, flare and crane booms. 2B system consists of 100 µm thermally sprayed zinc or alloys of zinc – top coated with a coating system.

Total DFT: 345 µm Corrosion resistance: class C5 (M/I) H to ISO 12944-5

C5 I/ M “OFFSHORE 2” SYSTEM FOR HIGHLY CORROSIVE INDUSTRIAL & MARINE ENVIRONMENTS

is characterized by a very high resistance to chemicals and salt as found in onshore industrial areas as well as to saltwater exposure in deep-sea offshore installations. It is resistant to scratches and impact.

Total DFT: 350 µm Corrosion resistance: class C5 (M/I) H to ISO 12944-5 Temperature resistance: 120C

ARAMCO 1B FOR SAUDI ARABIAN MARKET

is characterized by excellent weathering and abrasion resistance. It is recommended for all unimmersed areas with severe atmospheric exposure including exposure to many acids and alkalis. It is suitable for a wide range of industrial structures. Low flame spread certificate according to IMO/ Solas directive Grain.

Total DFT: 275 µm Corrosion resistance: class C5 (M/I) H to ISO 12944-5 Temperature resistance: 120C



ATB TAMEL PRODUCT RANGE

OUR APPROVALS

UL/CSA motor certificates
according to North American
Standards



NORSOK M-501 coating system no.1
and system 2B available



Latest EX products certification
for CU market



China Energy Label



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