



Keeping Industry Turning

Motors for the water industry

**BROOK
CROMPTON** 
Keeping Industry Turning


**WIMES
COMPLIANT**

20185E

Motors for the water industry



Understanding WIMES

WIMES (Water Industry Mechanical and Electrical Specification) is a standard developed by 'The Pump Centre' in conjunction with the UK water utilities. To comply with WIMES, motors must meet or exceed the minimum defined standards.

Energy Efficiency

WIMES specifies minimum IE3 efficiencies levels for 2, 4 and 6 pole motors up to 1000kW.



Shepshed Treatment works, Severn Trent

Build Specification

Reliability is considered to be one of the critical factors within the water industry. The high quality of build and proven robustness of Brook Crompton motors is ideally suited to the water and waste water industry. The features include high specification paint finish, high IP rating and seals for bearing protection.

Brook Crompton WIMES motors are designed to have a low environment impact, features include: Low maintenance costs, low noise levels, low running costs and includes a 3 year warranty.



Variable speed drives and the water industry

Variable speed drives can give significant energy savings by reducing the speed of a motor when used to drive a centrifugal fan / pump. A 10% speed reduction would result in a 30% reduction in energy.



Motors for the water industry



WIMES Compliant motor features

- PTC thermistors fitted in the windings to provide thermal protection against overheating.
- WIMES Compliant sticker affixed to the fan cover to identify compliance
- Dual voltage heaters (110/230V) to protect against condensation.
- High quality seals to protect the bearings from water and solids.
- High quality paint finish to comply with WIMES requirements.
- Steel fan cover with the option of a drip proof canopy for shaft down mounted applications.



WIMES nameplate

The Brook Crompton range of WIMES motors will include a stainless steel nameplate so the motor can be identified after long time periods, and is easy to read.

		BROOK CROMPTON HUDDERSFIELD UK			
TYPE	P-DA160LA-D		kw	15.0	IE 3 - 92.1%
V	400 / 690		A	27.3 / 15.8	
r/min	1455	Hz	50	COS ϕ	0.86
PH	3		CLASS	F	AMB
DUTY	S1	°C	RISE	80	K YR
I _a /I _N	7.5	M _a /M _N	2.2	DE	6309ZZ
NDE	6309ZZ		Wt	102 kg	DIAG
P/No.	132P.....		UC+Aux	IP	55
					IC
A.C. MOTOR IEC 60034					33193509



Brook Crompton UK Ltd
St Thomas' Road Huddersfield
West Yorkshire HD1 3LJ UK
Tel: +44 (0) 1484 557200
Fax: +44 (0) 1484 557201
E-mail: csc@brookcrompton.com
Internet: www.brookcrompton.com

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