

NEW RANGE

NKV

VERTICAL MULTISTAGE PUMPS



DAB[®]
WATER • TECHNOLOGY

NKV

NEW RANGE



With the new NKV range, DAB delivers a series of technological innovations to offer more efficient, robust and replacement solutions.

Vertical multistage in-line pump, not self priming, completely in stainless steel, interchangeable mechanical seal and standard IE3 motors.

The use of advanced technologies for the processing of stainless steel for the main hydraulic components allows to achieve very high levels of performance.

They are also particularly versatile thanks to the center distance of the in-line ports designed to maximize the interchangeability.



Q max
120 m³/h

H max
320 m



CERTIFICATIONS



HIGH EFFICIENCY

The new NKV pumps are supplied with IE3 class motors and comply with the highest energy efficiency standards on the water handling market.



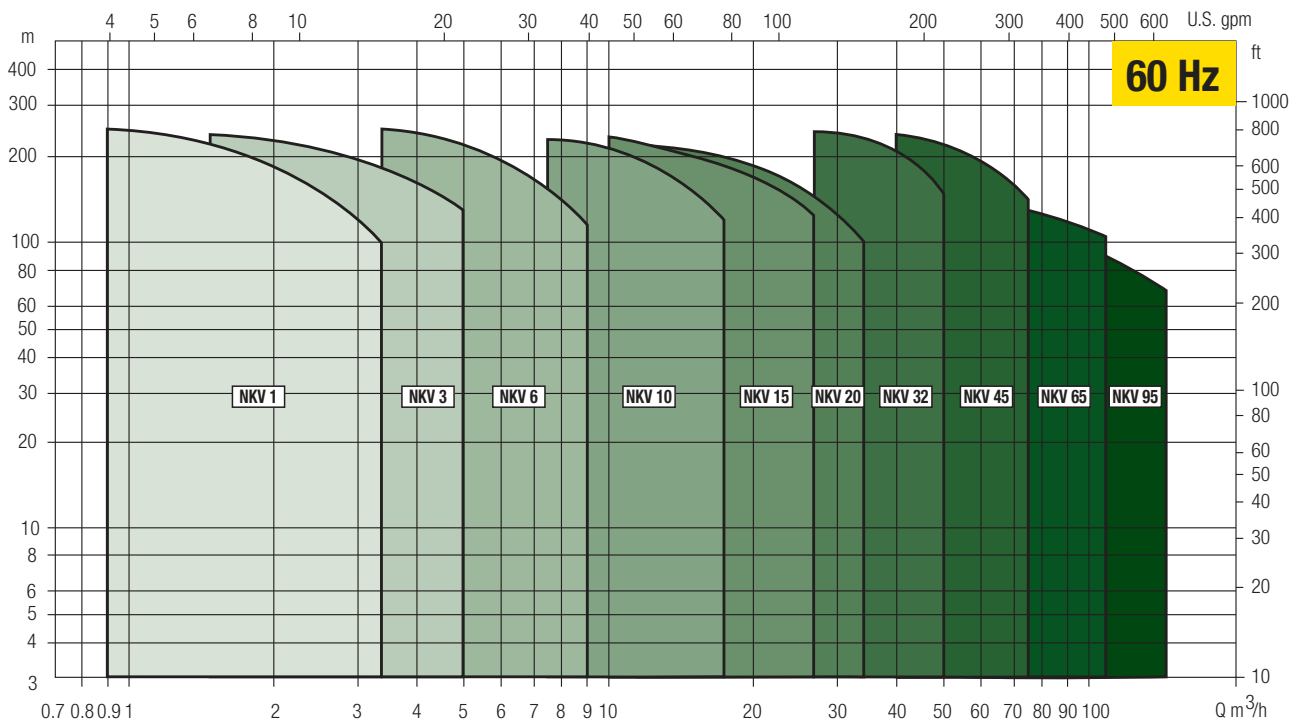
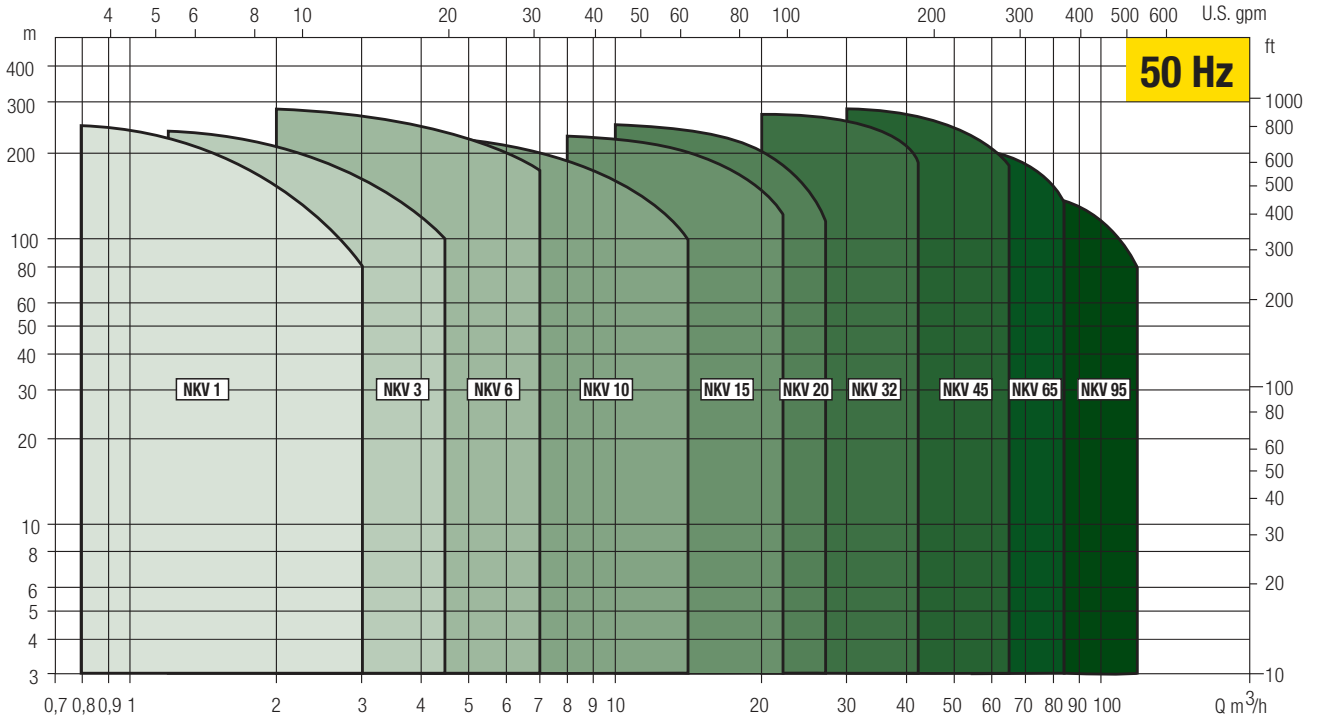
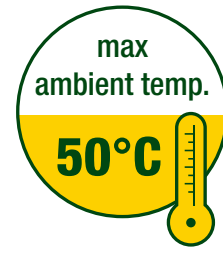
IE3 MOTOR



PERFORMANCE DATA

PERFORMANCE FOR EVERY NEED

They offer incredible application flexibility thanks to a complete performance range and the ability to work with ambient temperatures up to 50°C.



SELECTION TABLE

DIFFERENT CONFIGURATION POSSIBILITIES

It is possible to choose from different types of flanges (round, oval, Victaulic and clamp), mechanical seals and different types of stainless steel (X versions in AISI 316 steel are available on request).

PUMP MODEL	IMPELLER / DIFFUSER	BASE	FLANGES
NKV 32, 45, 65, 95	Inox 304	Cast iron	Cast iron
NKV 1, 3, 6, 10, 15, 20 S	Inox 304	Inox 304	Inox 304
NKV 1, 3, 6, 10, 15, 20, 32, 45, 65, 95 X	Inox 316	Inox 316	Inox 316

LIQUID (WATER SOLUTION)	CONCENTRATION [%]	MIN/MAX TEMPERATURE [°C]	NKV MODEL		
			Standard (NKV 32-95)	S (NKV 1-20)	X (NKV 1-95)
ACETIC ACID	10 ÷ 40	+0/+70	-	-	E1
CITRIC ACID	5	+5/+70	-	E1	E1
HYDROCHLORIC ACID	2	+5/+25	-	-	V3
FORMIC ACID	5	+5/+25	-	E1	E1
PHOSPHORIC ACID	10	+5/+30	-	-	E1
NITRIC ACID	40	+5/+30	-	V3	V3
SULFURIC ACID	2	+5/+25	-	-	V4
TANNIC ACID	20	+5/+50	-	-	E1
TARTARIC ACID	50	+5/+25	-	V3	V3
DEIONIZED WATER, DEMINERALIZED WATER	100	+5/+110	E1	E1	E1
SODIUM BICARBONATE	6	+5/+60	-	-	E1
CHLOROFORM	100	-10/+30	V4	V4	V4
OIL IN WATER EMULSION	100	+15/+90	V4	V4	V4
PHOSPHATES, POLYPHOSPHATES	10	+5/+90	-	V3	V3
ETHYLENE GLYCOL	10 ÷ 30	-15/+120	-	E1	E1
PROPYLENE GLYCOL	30	-10/+100	V3	V3	V3
SODIUM HYPOCHLORITE	1	+5/+25	-	-	V3
SODIUM NITRATE	10	+5/+60	-	V3	V3
DIATHERMIC OIL	100	+90/+120	V4	V4	V4
MINERAL OIL	100	+90/+120	V4	V4	V4
VEGETABLE OIL	100	+70/+100	E1	E1	E1
PERCHLOROETHYLENE	100	-10/+30	V4	V4	V4
SODIUM HYDROXIDE	25	+5/+70	E2	E2	E2
ALUMINIUM SULPHATE	10 ÷ 25	+5/+50	-	-	E2
AMMONIUM SULPHATE	10	-10/+60	-	-	E2
FERRIC SULPHATE	10	+5/+30	-	-	E1
TRICHLOROETHYLENE	100	-10/+40	V4	V4	V4

For use with sea water, please consult the technical office. This table should be considered a general guide.

It is important to consider the specific operating conditions, in particular the concentration in the pumped liquid, the specific weight and/or the viscosity, the temperature of the liquid and its pressure.

All these conditions are essential for engine and pump performance.

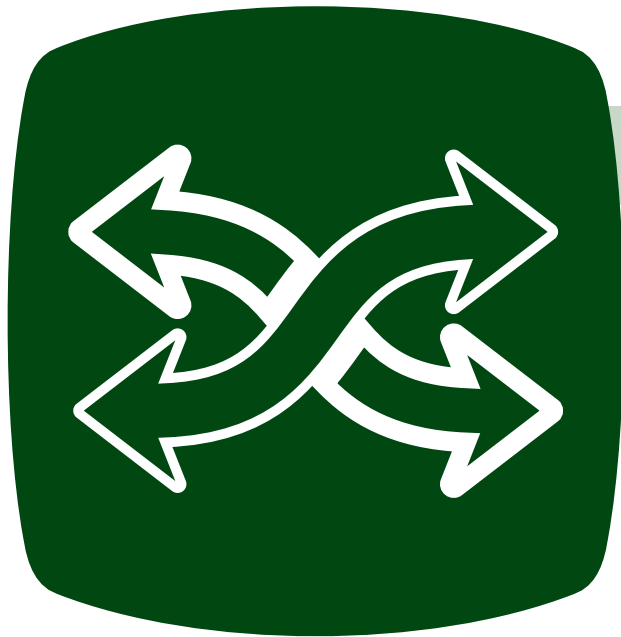
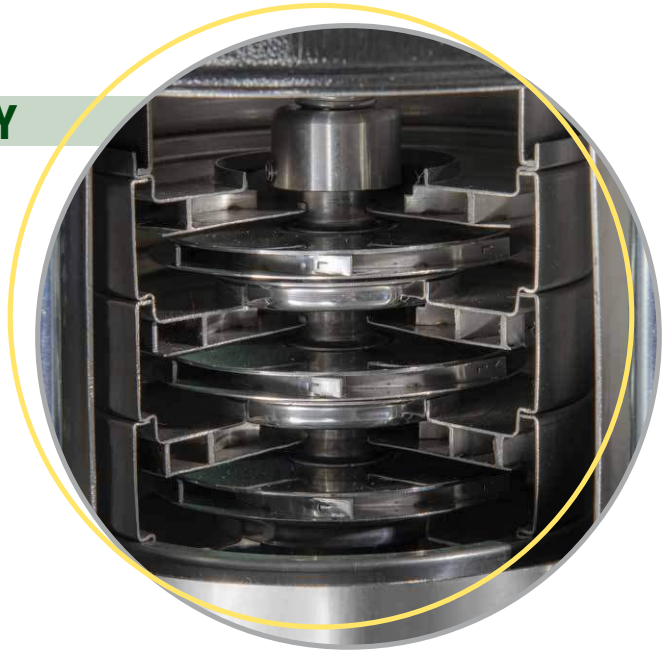
When pumping hazardous liquids, it is recommended to take safety precautions. You can contact us for more information.

OVERVIEW

ROBUSTNESS AND RELIABILITY

All parts in contact with liquids are made of AISI 304 stainless steel (AISI 316 X versions). DAB construction quality guarantees solidity and greater resistance to wear and tear.

AISI 304



THE EASIEST REPLACEMENT EVER

In addition, the new range has been designed to simplify replacement thanks to the standard flanges and standard centre distances.



RANGE

NKV



NKVE



1-2-3-4 NKV



1-2-3-4 NKVE

**DAB PUMPS LTD.**

6 Gilberd Court
Newcomen Way
Severalls Business Park
Colchester
Essex
CO4 9WN - UK
salesuk@dwtgroup.com
Tel. +44 0333 777 5010

**DAB PUMPS IBERICA S.L.**

Calle Verano 18-20-22
28850 - Torrejón de Ardoz - Madrid
Spain
Info.spain@dwtgroup.com
Tel. +34 91 6569545
Fax: + 34 91 6569676

**DAB PUMPS SOUTH AFRICA**

Twenty One industrial Estate,
16 Purlin Street, Unit B, Warehouse 4
Olifantsfontein - 1666 - South Africa
info.sa@dwtgroup.com
Tel. +27 12 361 3997

**DAB PUMPS BV**

'tHofveld 6 C1
1702 Groot Bijgaarden - Belgium
info.belgium@dwtgroup.com
Tel. +32 2 4668353

**DAB PUMPS HUNGARY KFT.**

H-8800
Nagykanizsa, Buda Ernő u.5
Hungary
Tel. +36 93501700

**DAB PUMPS (QINGDAO) CO. LTD.**

No.40 Kaituo Road, Qingdao Economic & Technological
Development Zone
Qingdao City, Shandong Province - China
PC: 266500
sales.cn@dwtgroup.com
Tel. +86 400 186 8280
Fax +86 53286812210

**DAB PUMPS POLAND Sp. z o.o.**

Ul. Janka Muzykanta 60
02-188 Warszawa - Poland
polska@dabpumps.com.pl

**DAB PUMPS B.V.**

Albert Einsteinweg, 4
5151 DL Drunen - Nederland
info.netherlands@dwtgroup.com
Tel. +31 416 387280
Fax +31 416 387299

**OOO DAB PUMPS**

Novgorodskaya str. 1, block G
office 308, 127247, Moscow - Russia
info.russia@dwtgroup.com
Tel. +7 495 122 0035
Fax +7 495 122 0036

**DAB PUMPS DE MÉXICO, S.A. DE C.V.**

Av Amsterdam 101 Local 4
Col. Hipódromo Condesa,
Del. Cuauhtémoc CP 06170
Ciudad de México
Tel. +52 55 6719 0493

**DAB PUMPEN DEUTSCHLAND GmbH**

Tackweg 11
D - 47918 Tönisvorst - Germany
info.germany@dwtgroup.com
Tel. +49 2151 82136-0
Fax +49 2151 82136-36

**DAB PUMPS INC.**

3226 Benchmark Drive
Ladson, SC 29456 - USA
info.usa@dwtgroup.com
Tel. 1- 843-797-5002
Fax 1-843-797-3366

**DAB PUMPS OCEANIA PTY LTD**

426 South Gippsland Hwy,
Dandenong South VIC 3175 - Australia
info.oceania@dwtgroup.com
Tel. +61 1300 373 677