



- Canned Motor Pumps
- Metering Pumps
- Control Instruments for Pumps



Product Overview



Hermetically Sealed Pumps



ISO 2858



Nikkiso Pumps Europe GmbH
Nikkisostrasse • D-63674 Albstadt Germany

- Telefon: +49 (0)6047 - 96 49 0
- Fax: +49 (0)6047 - 96 49 99
- E-Mail: info@nikkiso-pumps.com
- Internet: www.nikkiso-pumps.com

Nikkiso Non Seal® Pumps - Series SGM - Standard Types

The use of Nikkiso SGM - Series canned motor pumps is mainly for aggressive, inflammable, explosive and toxic liquids.

The pumps are proven for use in vacuum systems, the casings allow pressures max. 40 bar with the standard design.

The pumps are used in

- The Chemical and Pharmaceutical industry
- The Petrochemical industry
- Refrigeration plants
- Plants handling liquefied gases



Model HN

Capacity max. 850 m³/h
Head max. 200 m
Motor rating max. 200 kW
Temperature -50 to +170 °C



Model DN - self priming

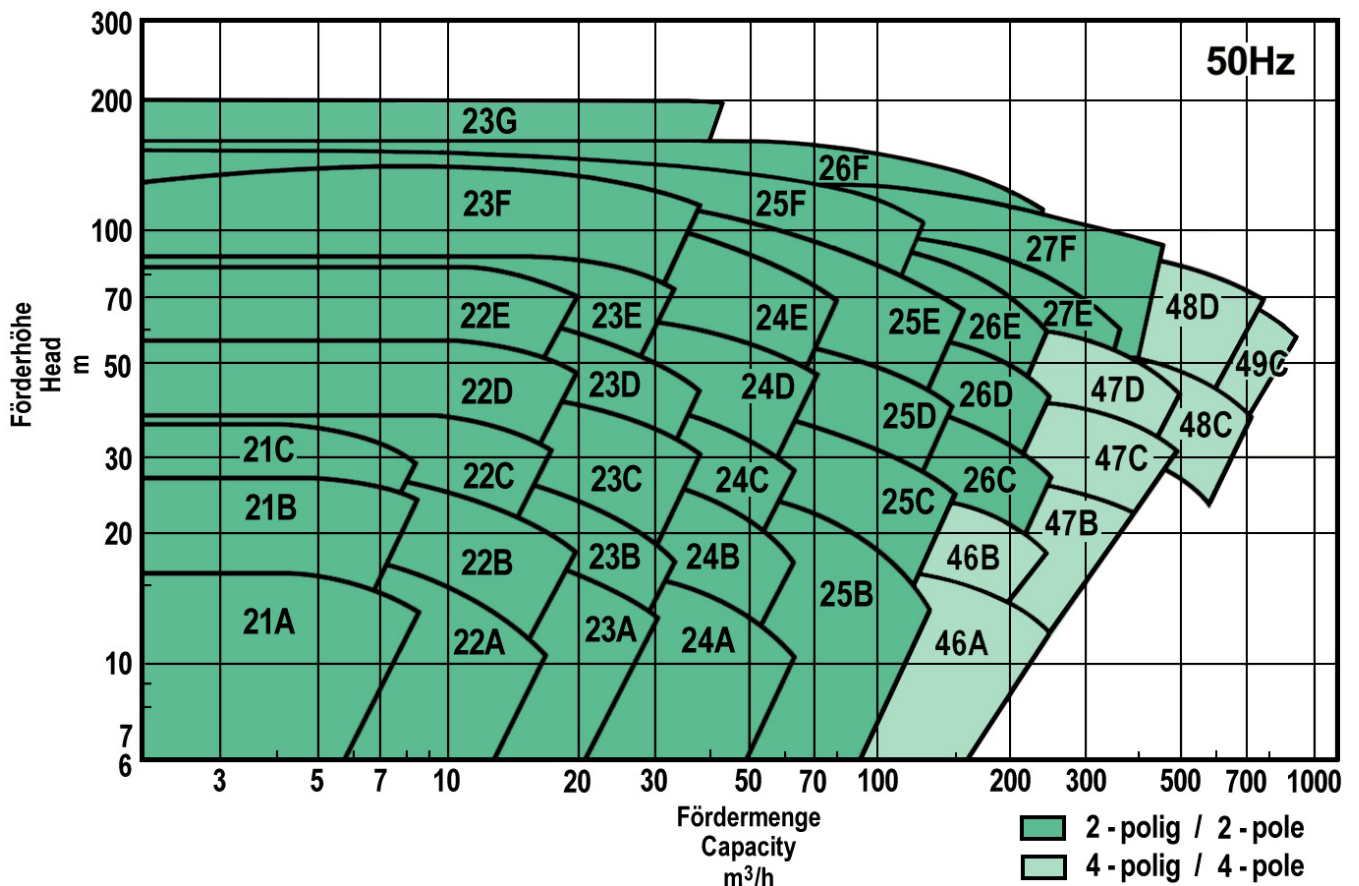
Capacity max. 180 m³/h
Head max. 70 m
Motor rating max. 45 kW
Temperature max. 170 °C
Self Priming Head (Water 20°C)
max. 7m



Model LN - vertical installation

Capacity max. 120 m³/h
Head max. 80 m
Motor rating max. 22 kW
Temperature -50°C to +170°C

Pressure / Capacity Envelope of Standard Type HN



Nikkiso Non Seal® Pumps - High Temperature Models

These pumps are mainly used for liquids at high temperature like heat transfer oil and vacuum distillations up to +400°C.



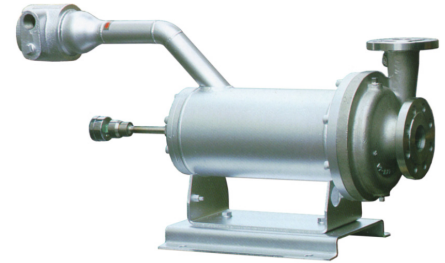
Model HT - cooled

Capacity max. 850 m³/h
Head max. 200 m
Motor rating max. 200 kW
Temperature max. 400 °C
Different types of heat exchangers available



Model HY - uncooled

Capacity max. 130 m³/h
Head max. 90 m
Motor rating max. 7,5 kW
Temperature max. 250 °C

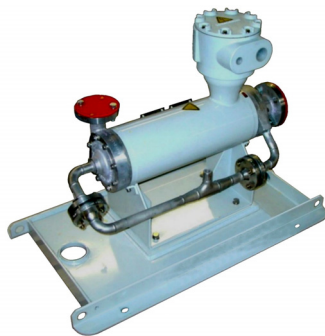


Model HX - uncooled

Capacity max. 250 m³/h
Head max. 200 m
Motor rating max. 55 kW
Temperature max. 350°C

Nikkiso Non Seal® - and Metering Pumps for High Pressure

These pumps are used for high pressure water and chemicals, reverse osmosis, Ammonia, and Ammonia water solutions.



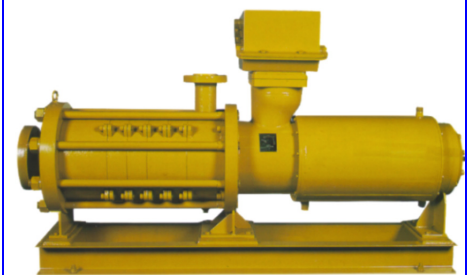
Model HK

High Head - High Speed
Capacity max. 14,5 m³/h
Head max. 290 m
Speed max. 8400 RPM.



Model MX - Metering Pump

High accuracy - High efficiency
API 675
Pressure max. 350 bar (g)
Capacity max. 280 l/min / head



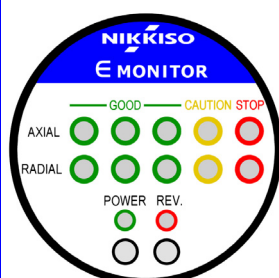
Multistage Canned Motor Pump

Capacity max. 70 m³/h
Head max. 500 m
Motor rating max. 132 kW

Nikkiso Non-Seal® Pump Accessories

€ Monitor (Bearing control)

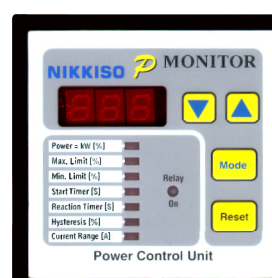
The € Monitor is monitoring the bearing conditions of Nikkiso canned motor pumps during operation. The following conditions will be indicated:



- Wear of front or rear radial bearing
- Uneven wear of front or rear bearing
- Wear of front or rear axial bearing
- Power on (pump is operating)
- Direction of rotation (correct or wrong)

P-Monitor (Power control)

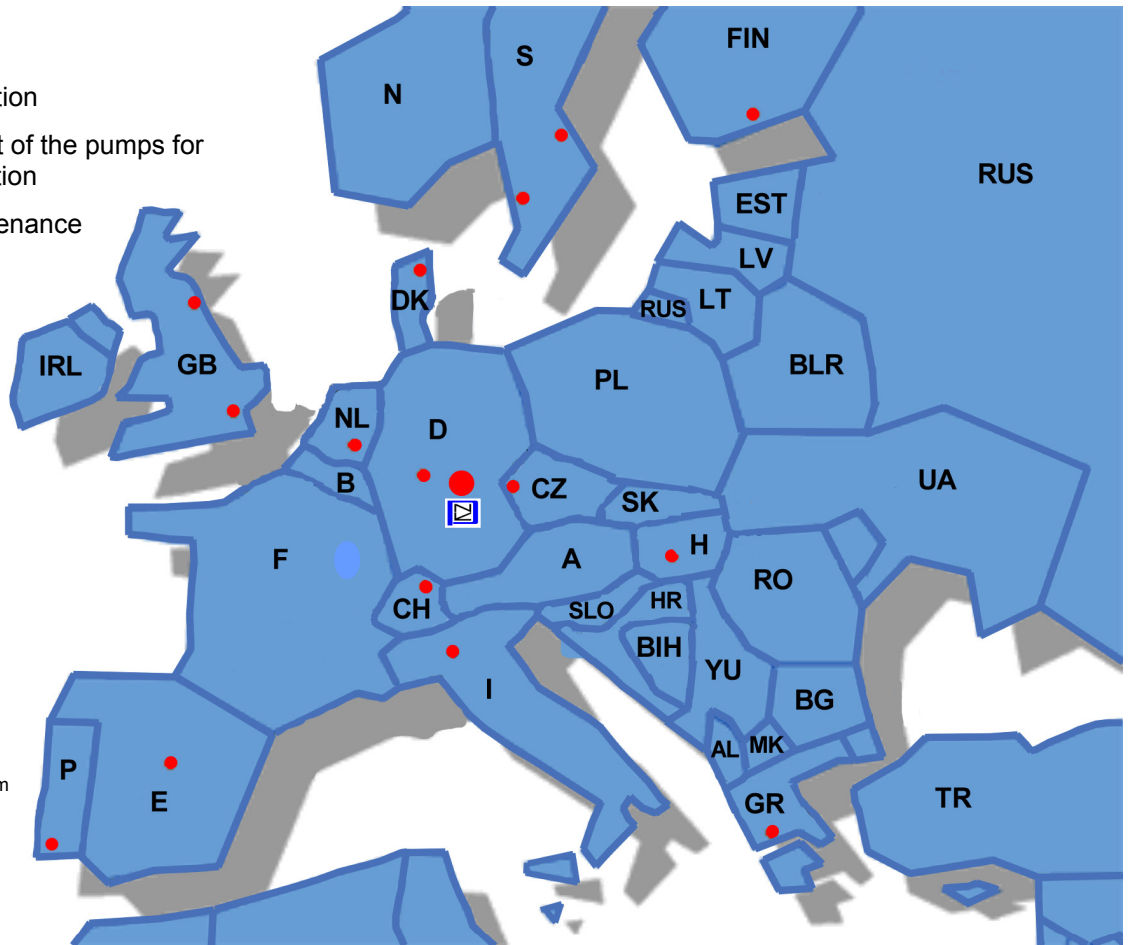
The Nikkiso P-Monitor is monitoring the min. or max. absorbed power. The support functions are necessary to establish the efficient supervision or regulation of pumps.



- Measurement of true power consumption of 3-phase AC-Motor
- Alarm or trip, if absorbed power is too low or too high
- Protection of pump when plant conditions are upset

Service:

- Technical consultation
- Flexible adjustment of the pumps for customer's application
- Support with maintenance
- Spare part supply



Germany

Nikkiso Pumps Europe GmbH
Mr. W. Meier
Nikkisostrasse
63674 Altenstadt / Hessen
Phone: 0049-6047-96 49 0
Fax: 0049-6047-96 49 99
E-Mail: info@nikkiso-pumps.com

Contact:

Belgium and The Netherlands

Mr. G. Reitsma
c/o ICC Int. Commercial Consultant
Coolenstraat 1
NL-6005 NX Weert
Phone: 0031-495-555 151
Fax: 0031-495-555 153
E-Mail: G_Reitsma@nikkiso-pumps.com

Czech. Republic and Slovakia

Mr. Radek Baudys
Katko s.r.o.
Nechvilova 1854
14800 Praha
Phone: 00420-296826055
Fax: 00420-244913258
E-Mail: info@nikkiso-pumps.com

Denmark

Glynwed A/S
Mr. S. Reffstrup
Industrivej 19
4000 Roskilde
Phone: 0045-4677 25 76
Fax: 0045-46 77 25 76
E-Mail: Sven_Reffstrup@nikkiso-pumps.com

Finland

Mr. A. Dorsén
c/o Helkem Oy
Kirkkoherrantie A 4 A
00650 Helsinki
Phone: 00358-9-752-3718
Fax: 00358-9-752-3719
E-Mail: Arto_Dorsen@nikkiso-pumps.com

Frankreich

INTERPEC SAS
Michel SERRIERE
46 rue Pierre Charron
75008 PARIS
Tél. 01 56 89 89 89
Fax 01 47 20 10 05
Email m.serriere@interpec-france.com

Great Britain

Michael Smith Eng., Ltd.
Mr. A. Turner
Oaks Road, Woking
Surrey GU21 1PH
Phone: 0044-1483-771871
Fax: 0044-1483-723110
E-Mail: Michael_Smith@nikkiso-pumps.com

Greece and Cyprus

Mr. N. Voulgaridis
N. Iraklitsa
65302 Kavallas
Phone: 0030-594-22140
Fax: 0030-594-22140
E-Mail: info@nikkiso-pumps.com

Hungary

Mr. Peter Molnar
c/o Hungaro Pump Kft
Szechenyi Str. 6
H-3792 Sajobabony
Phone: 0036-30-9223904
Fax: 0036-1-2850741
E-Mail: Peter_Molnar@nikkiso-pumps.com

Israel

Fischer & Porter Israel, Ltd.
Mr. A. Hovav
P.O. Box 400
Herzliya 46 103
Phone: 00972-52-521666
Fax: 00972-52-555428
E-Mail: info@nikkiso-pumps.com

Italy

M.T. & P. Srl
Mechanical Tools & Pumps
I-20017 RHO (Mi)
Viale A. De Gasperi, 85
Phone: 0039 02 93906245
Fax: 0039 02 93904332
E-Mail: nikkiso_italia@nikkiso-pumps.com

Poland

Imsad-2 Spółka z.o.o.
Hr. J. Stodolnik
ul. Nieduza 36
70-531 Szczecin
Telefon 0048 - 91 - 455 33 76
Fax: 0048 - 91 - 422 62 38
E-Mail: J.Stodolnik@nikkiso-pumps.com

Portugal

Equitotal Serviços Técnicos Industriais Lda.
Mr. R. Viotty
Rua Ramiro Ferrao no. 25A, Esc.2,
2804-507 Almada
Phone: 00351-212-742-823
Fax: 00351-212-741-813
E-Mail: info@nikkiso-pumps.com

Switzerland and Austria

Apex Koller Trading GmbH
Mr. P. Koller
Zopfstrasse 22
CH-8965 Berikon
Phone: 0041-566314280
Fax: 0041-566314284
E-Mail: Pius_Koller@nikkiso-pumps.com

Spain

ATLAS Comercial Ind. S.A.
Mr. E. Martin
Edificio Ave V, c/Gamonal 19 Poligono Ind. de
Vallecas
28031 Madrid
Phone: 0034-91-3802143
Fax: 0034-91-3803182
E-Mail: Atlas@nikkiso-pumps.com

Sweden

Glynwed AB
Mr. M. Gamziukas
Stormbyvägen 6
16355 Spanga
Phone: 0046-84-466910
Fax: 0046-8-4466911
E-Mail: Mikael_Gamziukas@nikkiso-pumps.com