

FEKA VS GRINDER

NEW RANGE

PROFESSIONAL PERFORMANCE
FOR DOMESTIC WASTE WATER



SUBMERSIBLE PUMPS
WITH SHREDDER FOR
SEWAGE



DRAINAGE



SEWAGE



MACERATORS



WATER • TECHNOLOGY

FEKA VS GRINDER

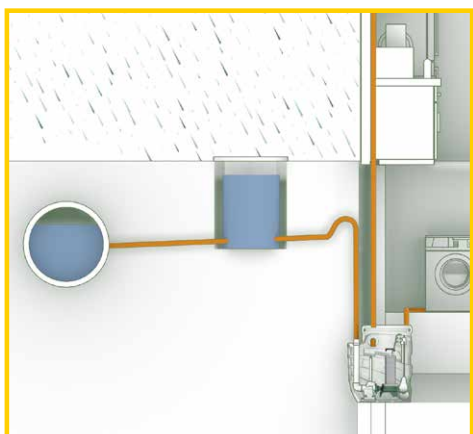
PROFESSIONAL EFFICIENCY FOR ALL RESIDENTIAL NEEDS

Feka VS Grinder is a **single-stage submersible pump with high resistance AISI 630 stainless steel grinder**. **Designed for the transfer of waste water in residential systems**, it is suitable for installation in lifting stations requiring high pressure levels, such as in case of small diameter pipes, or when connection to the public sewage network is far away. Due to its small footprint and both flanged and threaded delivery ports, Feka VS Grinder is the ideal product for replacement inside existing systems.

Feka VS Grinder **can be used in single dwellings but also in small apartment blocks or camping sites; suitable for all those rooms where stagnating waste water is often the cause of unpleasant smells.**

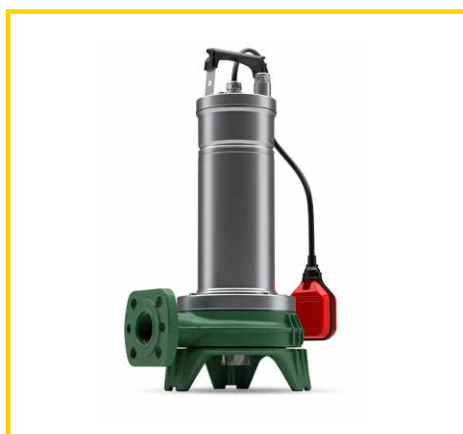
Once again, DAB proves to be attentive to the requirements of all its market recipients: from the installer to the end user. Feka VS Grinder is suitably sized to optimally meet the functional, performance and consumption requirements of the specific areas of use for which it is designed, guaranteeing maximum performance without wasting energy and economic resources.

Wear-resistant materials, such as cast iron and stainless steel, and performance levels reaching a head of up to 25 metres, combine perfectly for an increasingly satisfying installation and user experience, and longer pump life.



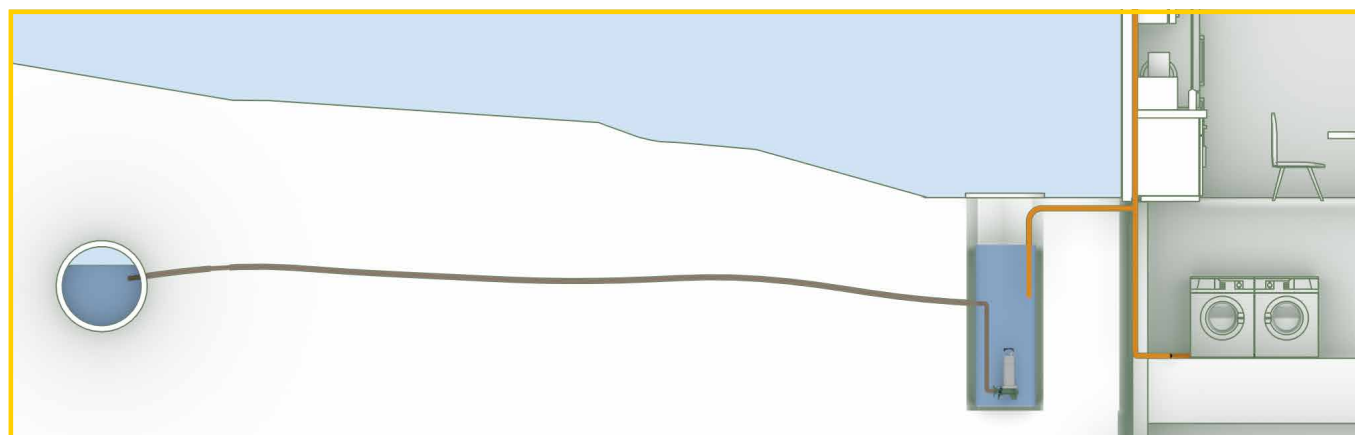
INSIDE THE BUILDING

Ideal for basement rooms like cellars and dens



STAND ALONE

Can be put in any position as required



OUTSIDE THE BUILDING

When connection points are at a distance or on camp-sites and in small buildings

FEKA VS GRINDER

OVERVIEW



PROTECTS AGAINST FLOODING AND ELIMINATES BAD SMELLS

The Feka VS Grinder is equipped with the same **AISI 630 steel grinder normally used on models designed for professional use**: this means that it has a **greater grinding power** than products generally designed for the domestic environment.

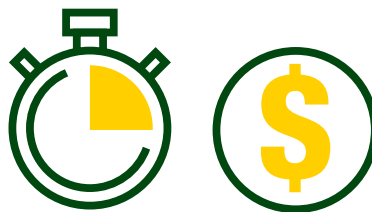
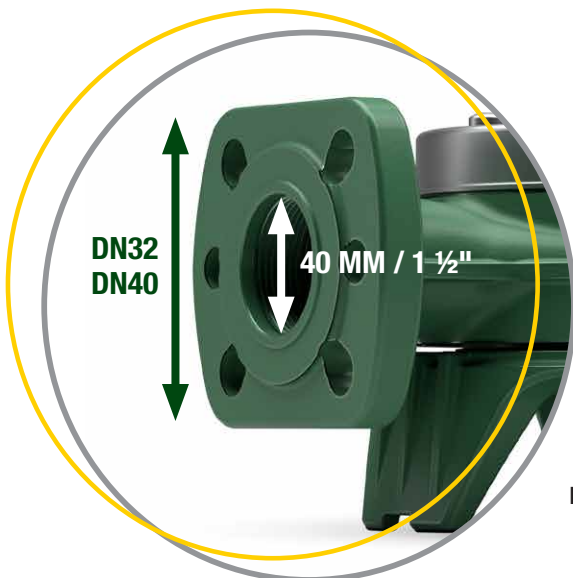
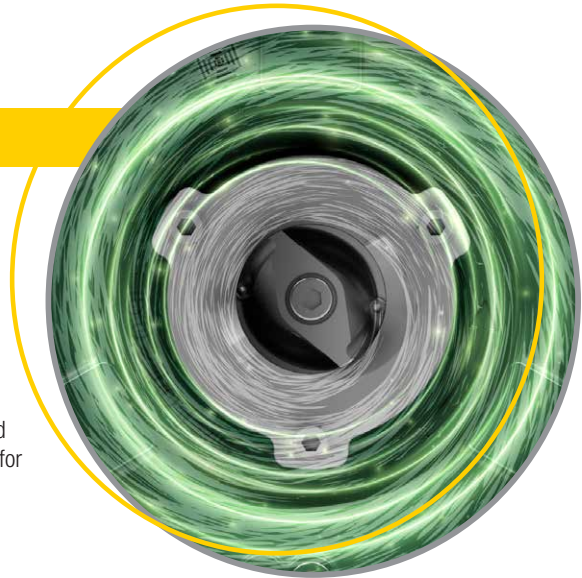
This feature ensures **high efficiency and safety and greatly reduces the risk of clogging and flooding** with the ensuing stagnation of waste water which is the main cause of bad smells.



IT CAN GRIND, AMONG OTHER THINGS:

- RAGS OF VARIOUS SIZES AND DIFFERENT TYPES OF FABRIC
- VARIOUS TYPES OF GLOVES
- WIPES
- SANITARY TOWELS

It is certified according to **EN 12050-1**, the European standard that defines the design and construction specifications of systems for lifting waste water that may contain solid and faecal matter.



MUCH QUICKER AND CHEAPER TO INSTALL

The DN32/DN40 flanged connection and 40 mm / 1 1/2" threaded connection **make the Feka VS Grinder highly versatile** and the perfect substitute for even obsolete pumps in existing systems with pipes of small diameters.

The **integrated capacitor** eliminates the need to connect the pump to an external electrical panel, meaning that the services of an electrician are not required: **installation can therefore be carried out more quickly and with real cost savings.**

FEATURES

ALL THE FEATURES OF RELIABILITY

The Feka VS Grinder is **extremely robust and reliable**, thanks to the high quality of the materials used:

CAPACITOR

The capacitor is **integrated** to **facilitate and speed up installation** without the need for an electrician to connect it to an external panel.

MECHANICAL SEAL

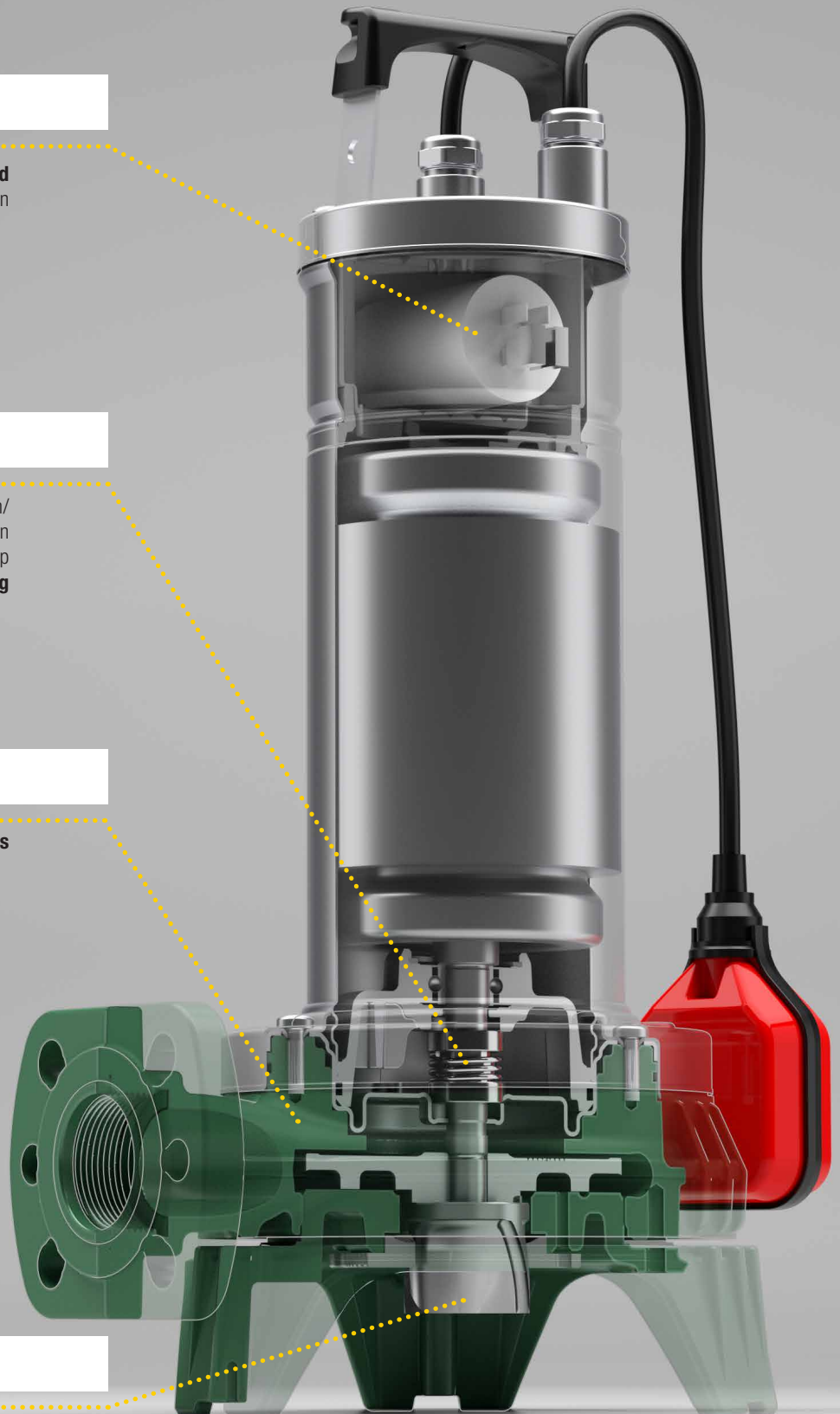
The **mechanical seal is double**, with carbon/alumina oil chamber on the motor side and silicon carbide/silicon carbide oil chamber on the pump side for **optimum protection against dry running**

PUMP BODY

The pump body is in **cast iron with cataphoresis treatment** for **greater protection against rust**

GRINDING SYSTEM

The grinding system is made of **AISI 630 stainless steel**



FEKA VS GRINDER

SELECTION TABLE



VERTICAL DISTANCE	OUTLET PIPE LENGTH DN 32 /40	FLOW	VERTICAL DISTANCE	OUTLET PIPE LENGTH DN 32 /40	FLOW
22 m	Max. 25/35 m	Q= 35/53 l/min (v = 0,7 m/s) DRAINAGE WATER	22 m	-	Q= 60/90 l/min (v = 1,2 m/s) SEWAGE WATER (with fecal matter)
20 m	Max. 90/120 m		20 m	-	
18 m	Max. 160/215 m		18 m	Max. 19/25 m	
16 m	Max. 225/305 m		16 m	Max. 40/55 m	
14 m	Max. 295/395 m		14 m	Max. 65/90 m	
12 m	Max. 360/485 m		12 m	Max. 90/120 m	
10 m	Max. 430/575 m		10 m	Max. 115/150 m	
8 m	Max. 495/665 m		8 m	Max. 135/185 m	
6 m	Max. 565/755 m		6 m	Max. 160/215 m	
4 m	Max. 630/850 m		4 m	Max. 185/250 m	
2 m	Max. 700/940 m	2 m	Max. 210/280 m		

Non-binding generic indication of the heights and lengths of the outlet pipes with a DN32 1 1/2" DN 40 internal diameter and the corresponding flow to achieve a self-cleaning speed of at least 0.7 m/s and to avoid sedimentation of solid material.

VERSIONS



STANDARD VERSION



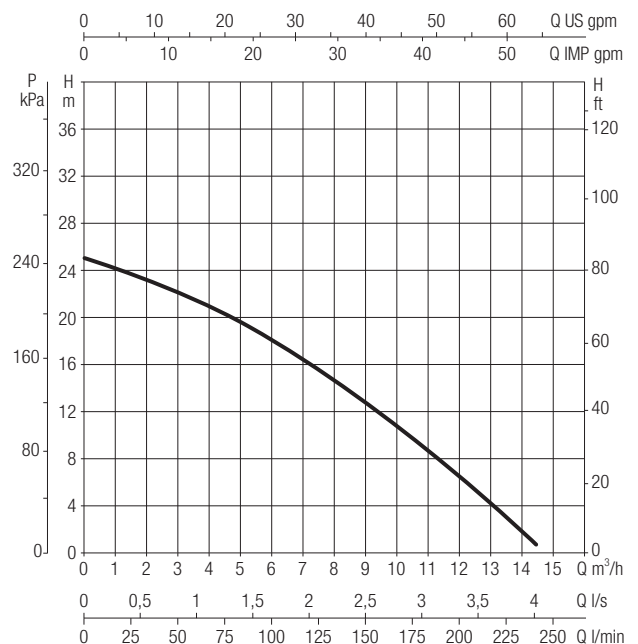
WITH FLOAT



* CURVE KIT

TECHNICAL DATA

MAXIMUM FLOW RATE	up to 14,4 m ³ /h
MAXIMUM HEAD	up to 25 m
P1	1,3 kW
P2 NOMINAL	1 Kw (1,3HP)
MAX AMBIENT AND LIQUID TEMPERATURE:	+40°C
OUTLET:	1" 1/2 GAS
OUTPUT FLANGE	DN 32 e DN 40
PUMPED LIQUID	sewage water, gray water
OUTLET DIRECTION	horizontal and vertical with curve kit accessory*





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 (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 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 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 PUMPS POLAND Sp. z o.o.
Ul. Janka Muzykanta 60
02188 Warszawa - Poland
polska@dabpumps.com.pl



DAB PUMPS OCEANIA PTY LTD
426 South Gippsland Highway,
Dandenong South VIC 3175 - Australia
info.oceania@dwtgroup.com
Tel. +61 1300 378 677



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



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 GMBH
Am Nordpark 3
D - 41069 Mönchengladbach - Germany
info.germany@dwtgroup.com
Tel. +49 2161 47388-0
Fax +49 2161 47388-36



DAB PUMPS SOUTH AFRICA (PTY) LTD
Twenty One industrial Estate,
16 Purlin Street, Unit B, Warehouse 4
Olifantsfontein -1667 - South Africa
info.sa@dwtgroup.com
Tel. +27 12 361 3997



PT DAB PUMPS INDONESIA
Satrio Tower lantai 26
unit C-D, Jl. Prof. Dr. Satrio Kav. C4,
Kel. Kuningan Timur, Kec. Setiabudi, Kota Adm.
Jakarta Selatan, Prov. DKI Jakarta. - Indonesia
Tel. +62 2129222850