

NETZSCH Macerator M-OVAS_S1-4.0/30
With SS housing

The physical characteristics of the pumped product detailed in our offer have been taken from your enquiry or where not specified have been assumed by us. In the event of an order we would ask you to check any assumptions as they will become contractually binding.

Pumped medium:

pumped medium name		thin sludge
chemical formula		not specified
Density	assumed	kg/dm ³ 0.95 - 1.05
Particle size	assumed	mm not specified
pH value	assumed	6 - 8
Solids content (Vol%)	assumed	% TR 1 - 6
dynamic viscosity	assumed	mPa s 100 - 250
Chloride content		ppm 0

Operating conditions:

		Unit	Q _{nominal}	Q _{minimum}	Q _{maximum}
Flow rate	approx.	m ³ /h	25		
Suction pressure	assumed	bar	0.4		
Operating temperature	assumed	°C		10	30

*** Assembly**

Assembly specification

installation aggregate

horizontal

General operating conditions

Installation area

in building

Ambient temperature

approx. 20°C

humidity

up to 50%

application type

Continuous operation

operating hours

8

number of phases

3

Frequency

50 Hz

Painting

assembly colour

Manufacturer std.

coating system

Manufacturer std.

Operating and Maintenance Instructions

Standard documentation in accordance with the 2006/42/EG Machinery Directive.
Special documentation is available on request and would be charged for.

Number	1
Medium for O&M's	Paper
language for O&M's	English
language spare parts list	English
despatch method	packed w. pump
Number of 2nd O&M's	1
Medium for 2nd O&M's	Download
language for 2nd O&M's	English
language for 2nd spare parts list	English

further documentation / tests

EU Machine Regulations	Declaration of Conformity
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* Grinder M-OVAS NPS

General characteristics

Direction of rotation	bidirectional/reversible flow
name plate language	English
name plate material	stainless steel (self-adhesive)

specification

specification	standard (up to 1bar)
inlet nd / np	DN150 PN16
outlet nd / np	DN150 PN16
rotating parts materials	steel
shaft execution	square shaft
perforated disk	spiral (standard)
edge support execution	4 wing
shaft seal type	mechanical seal H3200
shaft seal materials	Duronit/NBR
shaft seal design	single acting
seals	NBR

housing/seperator

separator material	stainless steel, AISI 304
cleaning orifice	with blind flange and drain 2"BSP
cleaning orifice position	left, seen at outlet

Drive

Type	SK32F-VL-112MP/4TF
Winding voltage	400/690 V
Power	4.00
Rated current	7.85
Cos Phi	0.83
Rotational speed	325
Motor speed	1440
Frequency	50
protection type	IP55
insulation class	F, used according to B
Temperature monitoring	3 PTC in the windings, without relay
Power-saving mode	IE3