

SCHEDULE OF ARTICLES

JET Filter Type 2000

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Fully-automatic backwash filter in compact inline-construction.

The cleaning of the filter is carried out with self-medium, without interruption of the filtration process. There are no movable parts installed in the filter. The mounting position is variable. Due to the inertia of masses in movement of solids with high specific gravity they will not distribute the filter-elements. Backwash speed in the filter-element up to 10 m/s.

| | | |
|---|---|--------------------------------|
| medium | : | |
| temperature | : | °C |
| connection flanges according to DIN PN 10 | : | mm |
| backwash by | : | self-medium |
| circulatory capacity | : | m ³ /h |
| filter-element, type | : | special slotted-sieve cylinder |
| filter-fineness | : | µm |
| working pressure | : | bar |
| design pressure | : | bar 10 |
| pressure loss with clean filter approx. | : | bar 0,1 – 0,3 |
| weight empty approx. | : | kg |
| weight filled with water approx. | : | kg |

materials

| | | |
|--|---|--------------------------|
| filter housing | : | steel welded, galvanized |
| filter-insert (slotted-sieve cylinder) | : | stainless steel 1.4435 |
| dimensions acc. to drawing | : | no. |

higher pressure stages and other materials deliverable on demand

| | | |
|--------------|---|---|
| Manufacturer | : | Dango & Dienenthal, Filtertechnik GmbH 57072 Siegen, (0)271 / 401-0 |
|--------------|---|---|

AUTOMATIC CONTROL for JET Filter Type 2000

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- for flushing of the filter cartridges in the main stream in intervals
- working in dependence on time and differential pressure, free adjustable
 - differential pressure - adjustable 0 - 1,6 bar
 - time-flushing interval - adjustable continuously - 10 hours
 - flushing time - adjustable continuously - 10 hours
- with potential free contact for collective fault indication in the central control station
After response of the collective fault indication the following faults will be indicated at the DDS-control cabinet:
 - Y either - faults at the electrical drive
 - Y or - differential pressure too high

consisting of:

butterfly valve, differential pressure gauging, electronic control unit, knitted pressure wiring and assembly parts

butterfly valve : mm

product contacting parts : stainless steel

with electrical drive

voltage : V/Hz 400 / 50 – 60
nominal output : Watt 60
with integrated overload protection, limit switches, emergency hand-wheel and position indication at site
including limiting loss of flushing water by mechanical special feature dependent on the working pressure

differential pressure gauging, consisting of

differential pressure manometer
static pressure : bar

measuring range : bar

with 2 adjustable micro-switches
with integrated inlet-pressure indicator
incl. cocks + screwings

electronic control unit

housing steel plate
protective system IP 55
dimensions: height x width x depth mm 300x380x210
working voltage V/Hz400 / 50 - 60
control voltage 24 V DC
type of attachment_ wall-attachment at site

The flushing water quantity of the Jet Filter is : m³/h

flushing water quantity per each flushing process : l

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