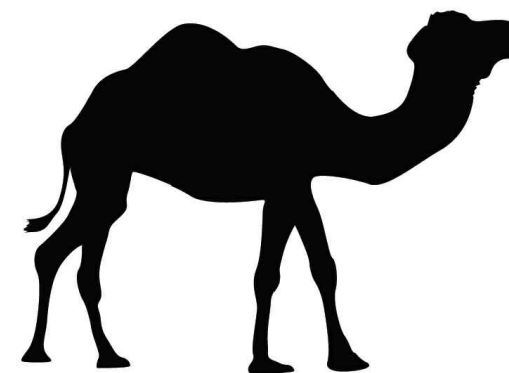


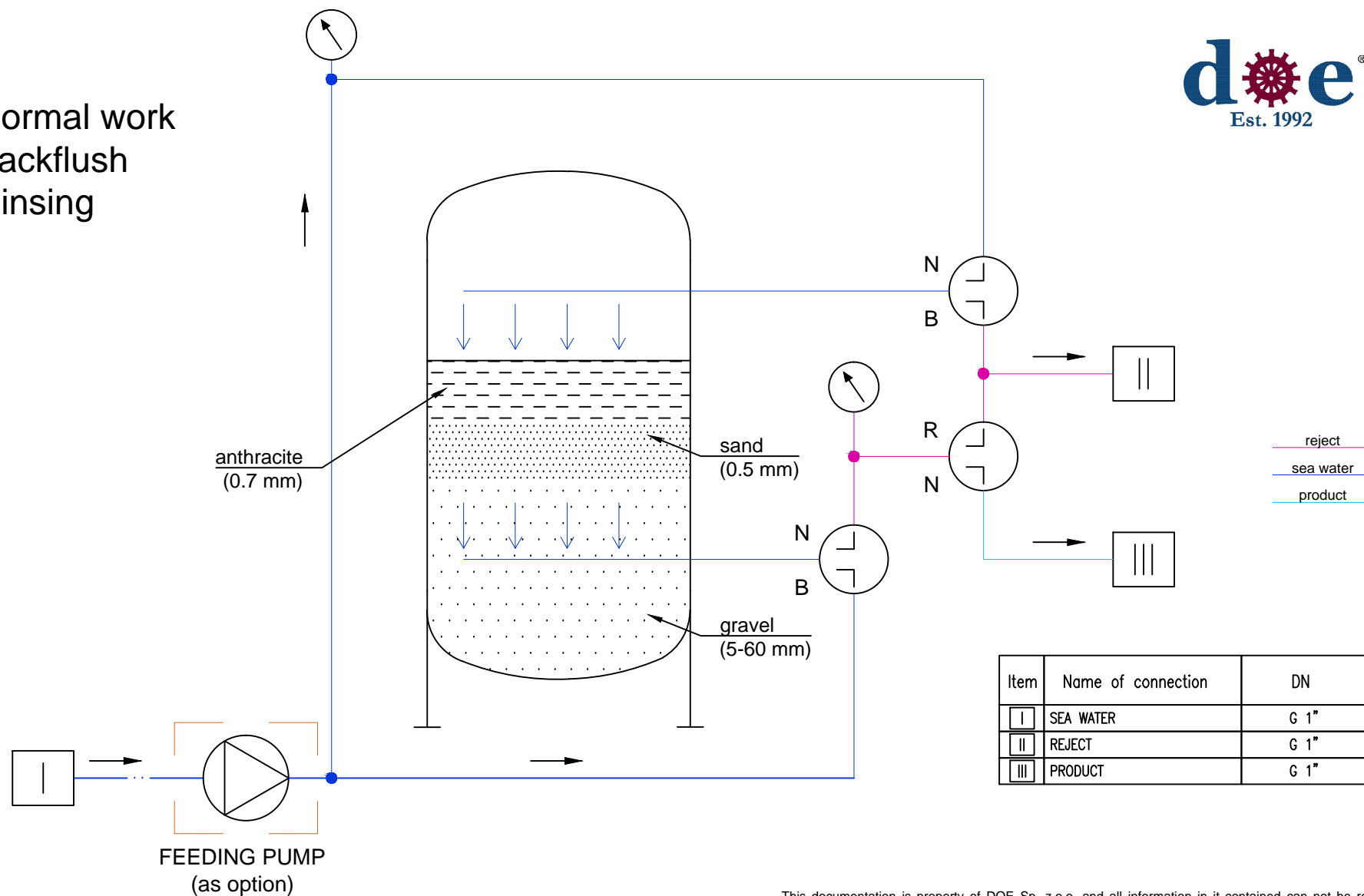


CAMEL RAPID SAND FILTER



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N - Normal work
B - Backflush
R - Rinsing



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Tank volume [liters]	Tank diameter [mm]	Filtering surface [m ²]	Weight of sand and water [kg]	Filtration rate [m ³ /h]
170	400	0,13	250	1
350	580	0,29	500	2
500	740	0,43	700	3
630	840	0,58	1000	4
800	950	0,72	1200	5

Filtration rate [L/m ² /h]	3000-7000
Cleaning intervals	1-2 days
Quantity of wash water required	1% of the total water filtered
Effective size of sand	0,35-0,6 mm
Removal of bacteria	80-99%
Sand layer thickness	50-70 cm

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CAMEL - Rapid Sand Filter

Camel is a GRP or SS316 tank with necessary equipment on steel construction. Whole is powder painted.

One intake on upper side connected with the funnel inside to distribute water gently

Lower intake connected with distributor to collect clean water after filtration.

Upper cover, manhole to change sand after some years of exploitation.

Lower manhole is for inspection and sand rejection.

Camel is equipped with 3pcs 3-way electromagnetic valves to direct water :

- from upper part of sand to lower exit – after filtration.

- oppositely, from lower to upper exit and to rejection - during the backflush (some minutes)

- to rejection during rinsing time (few minutes)

Control box equipped with timers to regulate the backflushed and rinsing time

We recommend not too frequently backflush the sand filter.

Good filtration layer, (dirt layer) on top of the sand can make the quality of filtration better – up to 20 mikron.

Pipes PP (polypropylene) , Valves are bronze type,

Supply voltage 24 VAC 50/60 Hz

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ORDERING INFORMATION



CAMEL - A - B - C - D

Flow [m3/h]

1	- 1 m3/h
2	- 2 m3/h
3	- 3 m3/h
4	- 4 m3/h
5	- 5 m3/h

Tank material

1	- Glass Reinforced Plastic
2	- SS 316L

Feeding pump

0	- Without feeding pump (standard)
1	- With feeding pump

Supply voltage

1	- 24 VDC (standard)
2	- 1x230V

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CAMEL - RAPID SAND FILTER

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