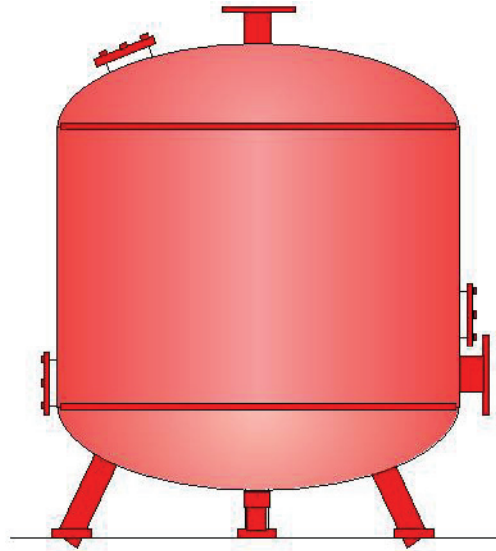


# SANDISK

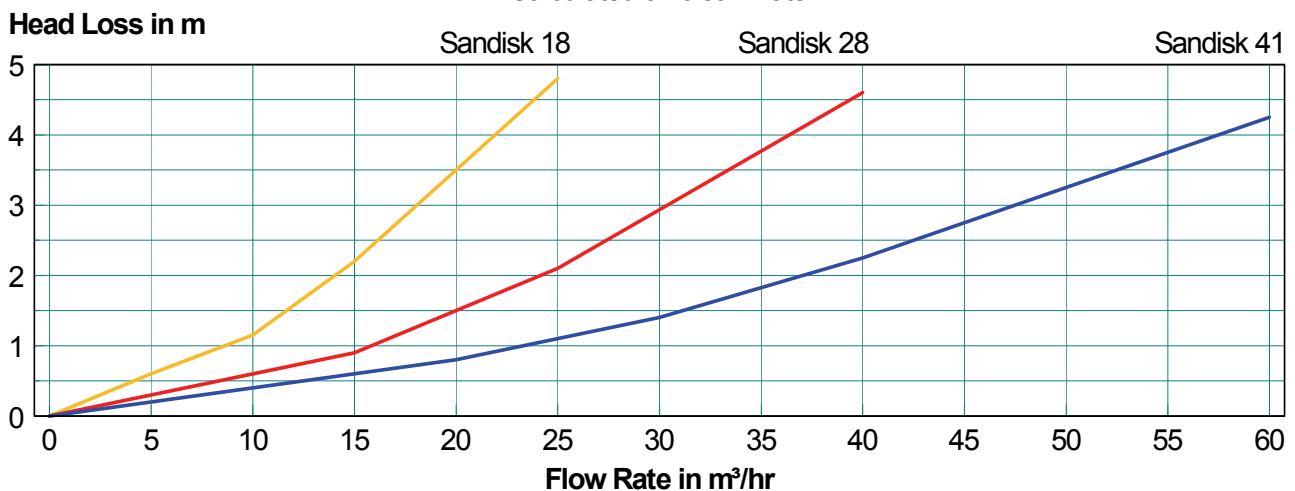
## Combination Sand and Disk Filters

- Compact combination primary and secondary filtration built into one body omitting the need for an external disk filter.
- Improved filtration surface area utilization.
- Plastic interior components.
- Solid unbreakable under drain.
- Inlet diffuser plate to distribute inflow.
- Maximum suggested operating pressure of 8 bar. Maximum pressure of 10 Bar.
- Built into banks for the desired flow rate.
- Maximum recommended flows per filter:
  - Sandisk 18 (50 mm) = 18 m<sup>3</sup>/hr
  - Sandisk 28 (80 mm) = 28 m<sup>3</sup>/hr
  - Sandisk 41 (80 mm) = 41 m<sup>3</sup>/hr
- Easily accessible 120 micron secondary disk filter.



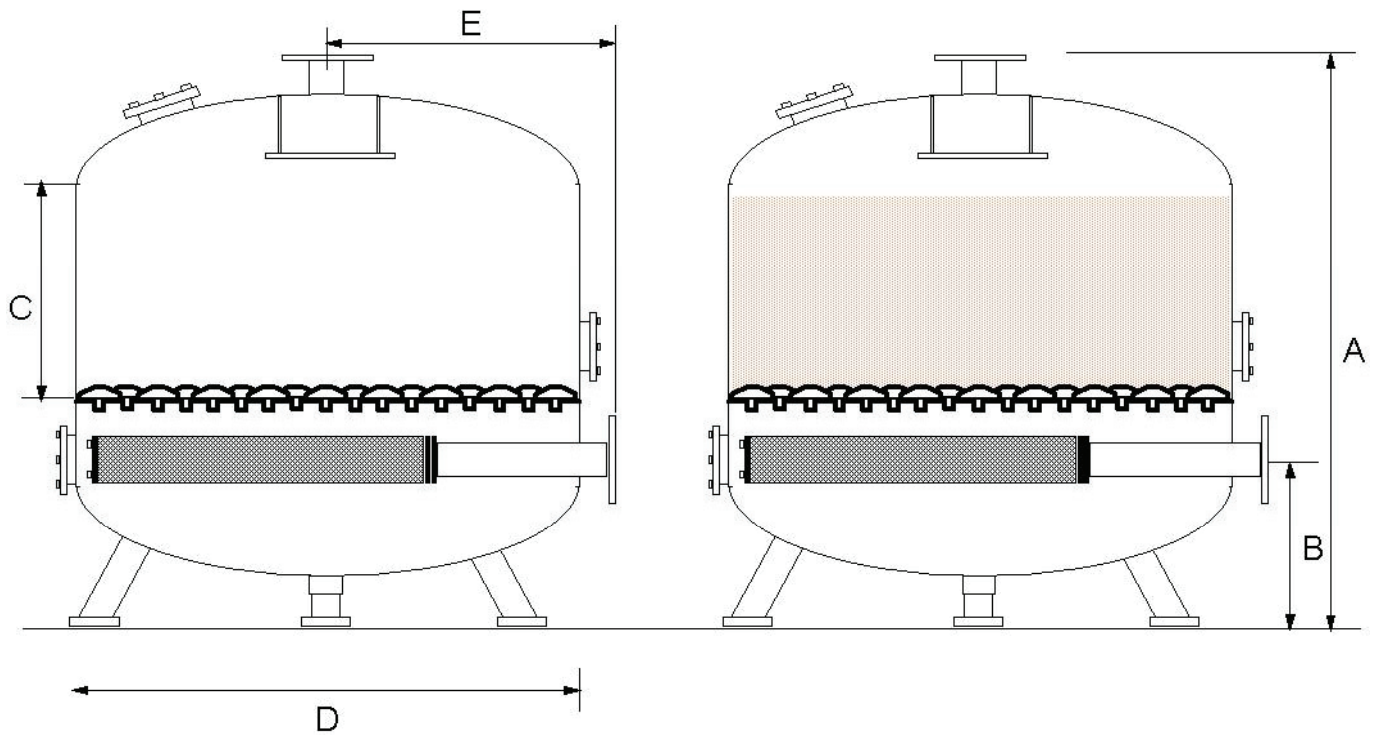
### Head Loss Chart

Calculated on clean water



# SANDISK

## Combination Sand and Disk Filters



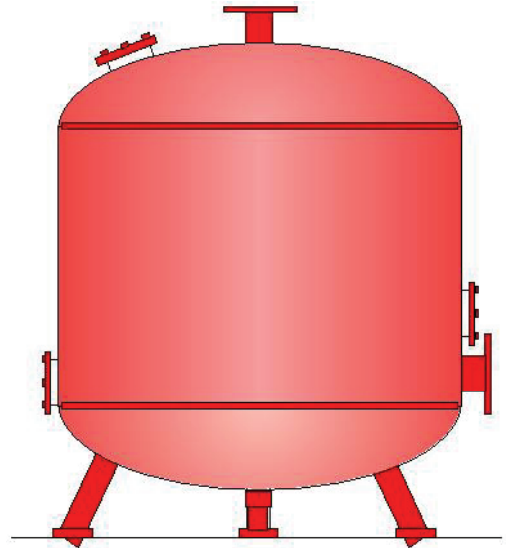
### Dimensions and Weights

	18	28	41
A in mm	1090	1175	1220
B in mm	230	260	350
C in mm	450	450	500
D in mm	610	750	920
E in mm	375	455	530
Inlet & Outlet Sizes	50	80	80
Connection Type	Flanged BS10 DTD	Flanged BS10 DTD	Flanged BS10 DTD
Recommended Grade of Sand	0.8 - 1.5	0.8 - 1.5	0.8 - 1.5
Minimum Sand Required per Filter	170 - 190	260 - 280	390 - 420
Filter Shipping Volume in m <sup>3</sup>	0.33	1.18	1.96
Clearance Required to Remove Disk	340	440	620
Number of Nozzles in Underdrain	14	29	43
Total Mass in Kg	88	129	186

# SILICON II

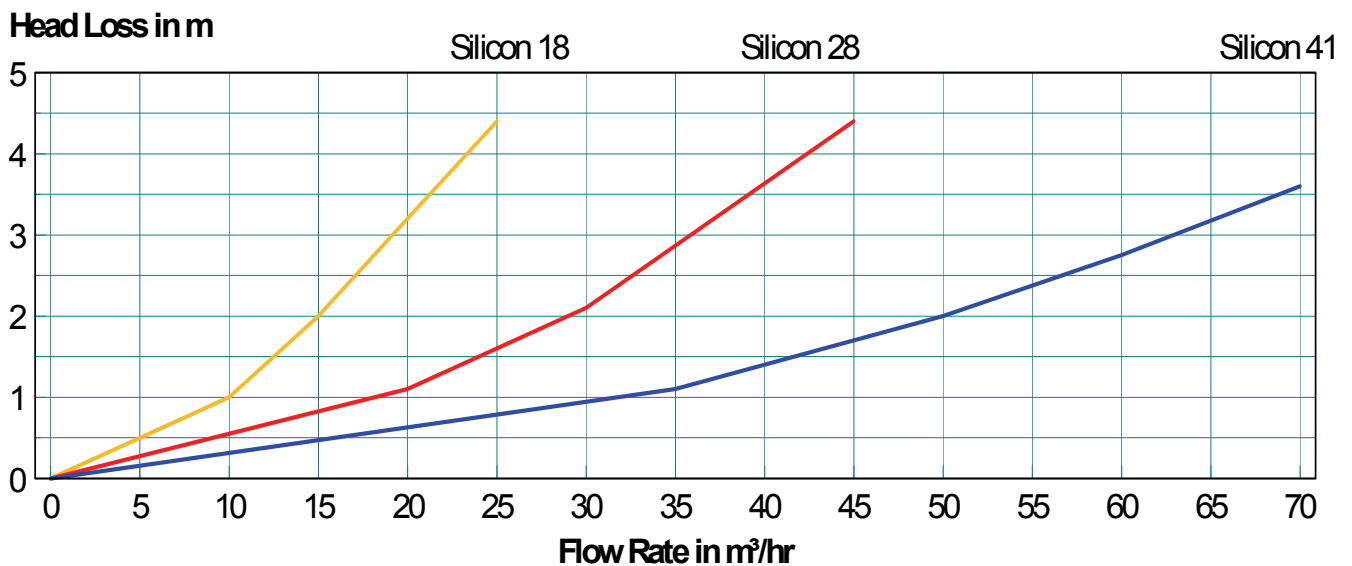
## Sand Filters

- Single or multi media filter.
- Available in three sizes, 18, 28 & 41
- Top inlet and side outlet.
- New design under drain using plastic nozzles.
- Improved filtration surface area utilization.
- Economical
- Diffuser plate to improve in flowing stream distribution.
- Maximum suggested operating pressure of 8 bar. Maximum pressure of 10 Bar.
- Built into banks for the desired flow.
- Max. recommended flow per filter of:
  - Silicon II 18 (50 mm) = 18 m<sup>3</sup>/hr
  - Silicon II 28 (80 mm) = 28 m<sup>3</sup>/hr
  - Silicon II 41 (80 mm) = 41 m<sup>3</sup>/hr



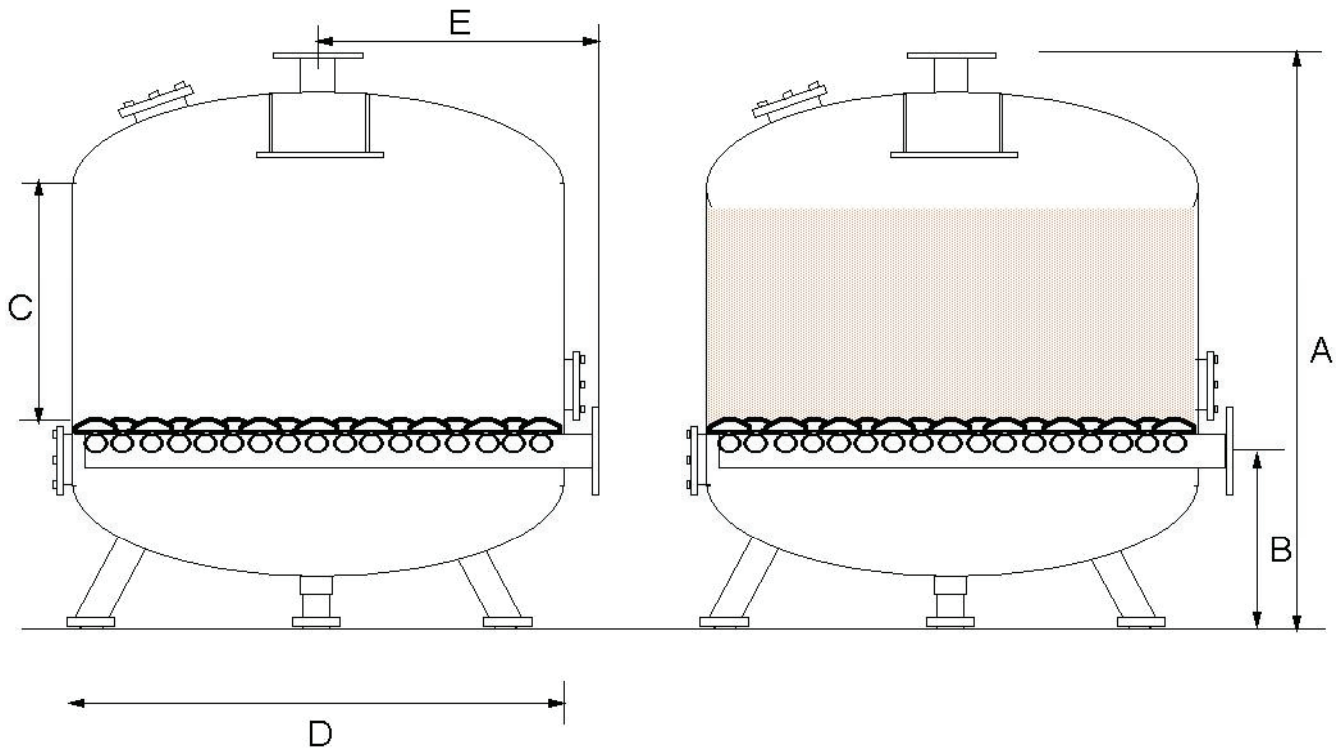
### Head Loss Chart

Calculated on clean water



# SILICON II

## Sand Filters



### Dimensions and Weights

	18	28	41
A in mm	1010	1060	1120
B in mm	250	260	360
C in mm	500	500	500
D in mm	610	750	920
E in mm	350	435	520
Inlet & Outlet Sizes	50	80	80
Connection Type	Flanged BS10 DTD	Flanged BS10 DTD	Flanged BS10 DTD
Recommended Grade of Sand	0.8 - 1.5	0.8 - 1.5	0.8 - 1.5
Minimum Sand Required per Filter	120 - 180	260 - 280	390 - 420
Filter Shipping Volume in m <sup>3</sup>	0.33	1.18	1.96
Clearance Required to Remove Disk	N.A.	N.A.	N.A.
Number of Nozzles in Underdrain	14	29	43
Total Mass in Kg	78	104	136