

D1 - Fine Grit Removal

Fine Grit Module

Automatic removal of stones and coarse grit from process medium.

PROCESS INPUT:

Process effluent pre-screened to 6mm.

PROCESS OUTPUT:

Process effluent with 95% grit > 0.2mm with a specific gravity of 2.65 removed.

BY-PRODUCT PRODUCED:

Fine grit > 0.2mm < 6mm containing up to 20% water and 10% process solids.

SERVICES REQUIRED:

1 - 2 l/s of wash water while grit pump is running.

CAPACITY RANGE:

2 - 150 l/s.

TYPICAL ELECTRIC MOTOR DRIVE SIZES:

2.2kW.

Designed for pipeline installation with flanged inlet & outlet connections.

Flow is passed along a channel at a suitable velocity to drop out fine grit.

The channel is shaped to ensure the grit travels to the end of the channel where a grit pump is used to pump the grit in suspension to the required location, usually a grit dewaterer.

The process provides protection from the adverse effects of grit in flow, reducing wear and increasing the lifespan and performance of downstream processes.



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