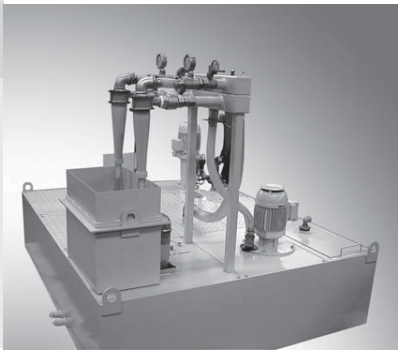
Hydrocyclone extractor Type IZF

RE 50411/09.09 1/2

Technical information



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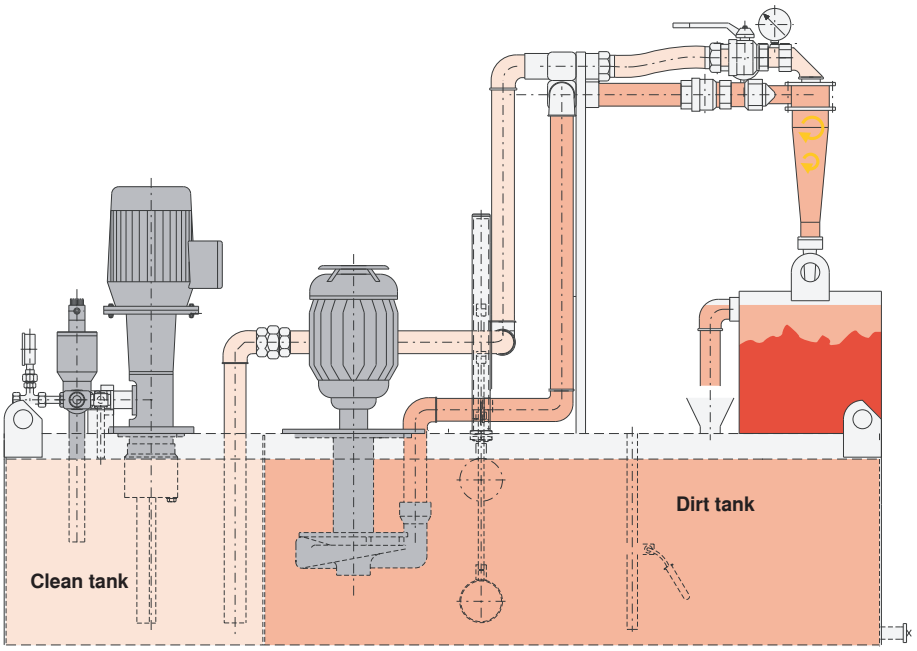
Introduction

Hydrocyclone cleaning systems in the normal system structure can be adapted to meet local and operating requirements. The feed pump is matched to the capacity of the feed pump and this, in turn, to the operating requirements. In the cyclone, materials of a higher specific gravity than the fluid are separated from the fluid. The cleaned fluid is returned to the consumer.

Function

The fluid flowing back from the consumer is received in the tank by the cyclone feed pump and fed to the cyclone. In the cyclone, material of a higher specific gravity than the fluid is extracted on the extraction side of the cyclone and fed into the sludge tank (approx. 5 % of the circulated quantity). The cleaned fluid passes into the clean tank, is taken up by the feed pump and returned to the consumer. This represents the usual system structure of a hydrocyclone cleaning system. Special versions adapted to local and operating requirements are possible at any time.



Hydrocyclone

Size A up to 20 l/min	Size B up to 90 l/min
Size C up to 30 l/min	Size D up to 650 l/min

Number of cyclones according to the flow rate.
Tank size according to customer request.