

CDS旋液分离器

应用工况

用于将介质中的固体颗粒分离后送回密封腔

结构特点

采用离心力作用原理，分离高压混合流体中的固体颗粒

颗粒比重比介质比重越高，分离效果越好

在压力范围内压差越大，分离效果越好

壳体方便拆卸，零部件清洗简单

立式安装

型号说明

CDS10：带有可以更换的陶瓷芯体

CDS20：壳体和盖为精铸设计

冲洗应用

用于实现 PLAN31 和 PLAN41 冲洗方案

材料构成

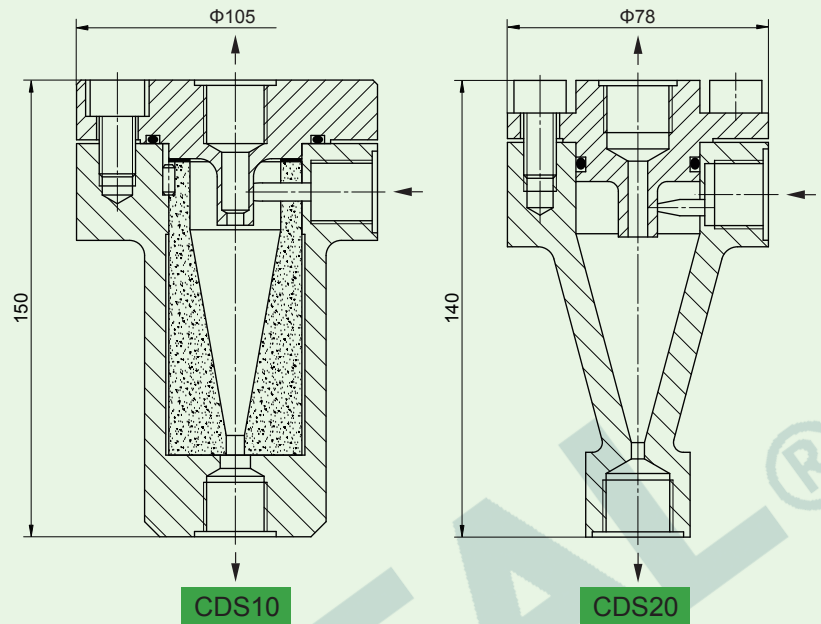
过流金属：304、316

陶瓷芯体：SiC

密封圈：FKM

连接螺纹

Rp1/2



Flush Applications

Use PLAN 31 and PLAN 41

Materials

Metal parts : 304,316

Ceramic insert : SiC

Seal ring : FKM

Connections

Rp1/2

技术参数 Operating Parameters

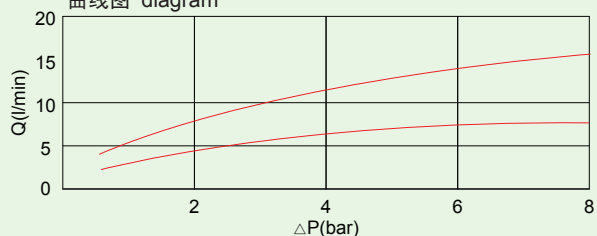
使用温度 Operating temperature : +125 (+257 F)

承载压力 Operating pressure : 63bar

压差区域 Pressure difference range : 2bar to 8bar



曲线图 diagram



Applications

Designed for separating the solid granule and convey back sealing chamber

Structure Features

Adopt the principle of centrifugal force and separate the solid granule from high pressure mixed fluid

The more granule specific weight is higher than media, the better of the separating effect

The more pressure difference within pressure range, the better of the separating effect

Casing is easy to dismantle, all parts are readily accessible for cleaning

Vertical installment

Type Descriptions

CDS10 : With replaceable insert made of ceramic

CDS20 : With cast casing and cover