

HH 5500 Standard



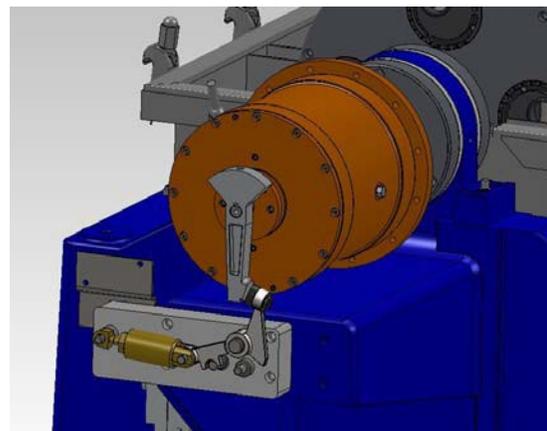
The HH 5500 Standard is a configuration of a drive system for a Decanting centrifuge. This configuration is the most basic of many available configurations. The Centrifuge bowl is driven by a main drive motor and the conveyor is driven through a planetary gear box with a simple torque arm setup.

The torque arm is torque limiting device to protect both gearbox and conveyor against mechanical overload. The conveyor speed is simply the Bowl RPM reduced by the gearbox ratio.

The HH 5500 Standard can be delivered in different variants, explosion proof for hazardous areas, sanitary for Food applications or in a normal Nema 4 execution.

Main drive motor is setup with a sheave that allows simple selection of speeds, by moving the v-belt assembly.

Alternatively the main drive can be set-up with VFD starter and electric selection of main drive speeds



TECHNICAL DATA SHEET
MODEL HH-5500 Standard

Maximum rated Capacity	225 GPM	Bowl	
Minimum temperature	30°F	Diameter	16"
Maximum temperature	212°F	Length	55"
RPM standard step sheave	2000 & 3050 RPM	Conical section	10 °
Run up time	8 minutes	Conveyor pitch	4.25"
Run down time	20 minutes		
Materials		Gear box	
Bowl	AISI 316	Ratio	1:47
Conveyor body	AISI 316	Torque	36000 in-lbf
Frame	Cast iron	Main motor	60 HP
Covers	SS 316	Shipping Data	
Paint	Epoxy	Net weight	8400 Lbs
Conveyor tips	Tungsten Carbide		
Solids discharge	Tungsten Carbide		

