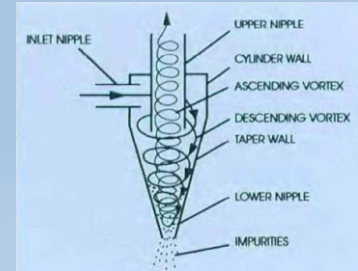


HYDROCYCLONE

COOLANT FILTRATION SYSTEM

PRINCIPLE :

Hydrocyclone is a device using pump to supply pressure and high speed to inject water into tube of special design where ascending/ descending vortices are created clean water will be drained out through ascending vortex while impurities will be precipitated by descending vortex.



FEATURES :

- . Excellent filtration effect up to 98%.
- . Easy maintenance, long duration.
- . Filtration effect remains unchanged in a long-term use.
- . Able to filter the impurities in the water so as to reduce water replacement frequency and produce smoother workpiece surface to deduct trimming demand for grinding wheel.
- . Ideal for following impurities :
 - a. Magnetic material (Steel, nei, etc.)
 - b. Non-magnetic material (stainless steel, chrome, corp, aluminium, etc.)
 - c. Non-magnetic material (Glass, chip of grinding wheel)

HC-B1

NOZZLE FOR HYDROCYCLONE



1. Water Coolant Inlet
2. Water Coolant Outlet
3. Chip Drain

NOZZLE FOR HYDROCYCLONE SPECIFICATION:

MODEL	HC-B1
Foul cooling water disposal, l/min	70
Clean cooling water supply, l/min	55
Max.Presure, kg/cm ²	0.5
Minimum water coolant pump supply, Kw	1.5
DIA. Water Inlet/Outlet	PT 1"