

## MA Compound Filter

There are three main categories of Self Cleaning Rotary filters:

Gross = Type AS from 3 up to 6 mm

Fine = Type MA from 0,3 up to 0,8 mm

Ultra Fine = Type MU from 0,2 up to 0,4 mm AS

AS type is used before the pump (Data Sheet Q4.1)

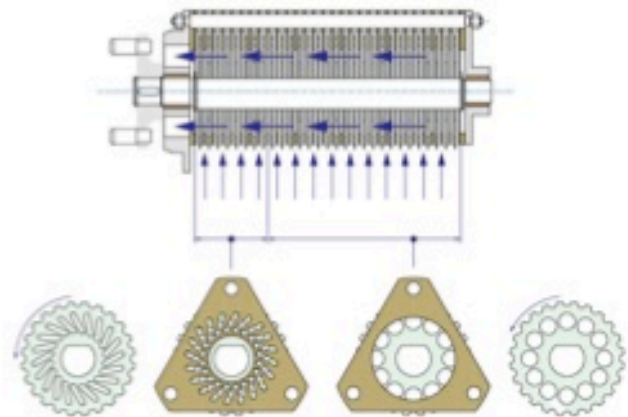
MU type is used after the pump to the using point for ultra fine filtration (Data Sheet Q4.3).

MA types are used after the pump and close as possible to the using point, in order to filter also eventual cracking coming from piping inside wall.

The filtering element is divided in two parts; first one, on right of drawing, consists in two sets of special disks, alternated assembled, one is rotating driven by an internal shaft, the other one is fixed to the filter body.

The distance between the disks represents the FILTERING GRADE, while the quantity of it represents the FILTERING SURFACE. The choice depends from flow rate and viscosity of compound.

The second part of the filtering element is near the outlet, on left of drawing, and it consists in others two sets of disks provided with opposite notches. During the passage, compound gets an efficient mechanical sharing.



### Standard Size General Features:

Rotary Disk Diameter	263 mm
Fixed Disk Diameter	370 mm
Disk Thickness	5 mm
Disk Material	Hard Carbon Steel
Shaft Rotary Speed (50Hz)	24 rpm
Gearbox Ratio	59 : 1
Electric Power (installed)	7,5 Kw
Max Working Temperature	200 °C
Max Inlet Oil Temperature	220 °C
Compound Connection (standard)	DN125 PN16
Heating Connection (standard)	DN25 PN16
Weight	920 Kg

