

DD – DISC DIVIDER

DOSING AND REPRESENTATIVE DIVIDING



- DD is dosing and dividing bulk material.
- DD has an easy and stepless adjustable division ratio.
- DD divides material with particle size up to $\varnothing 20$ mm (model dependent).

PRINCIPLES OF OPERATION

The Disc Divider (DD) is used for dosing and dividing bulk material. A representative sample is ensured by a continuous automatic division.

GENERAL DESCRIPTION

The material is fed to the Disc Divider through the top section, where the material is scraped off the upper disc down to the lower disc. Here, the material is scraped down to the bottom section, where the slot opening(s) extract(s) a quantity corresponding to its width and the rest passes into the reject outlet. The division ratio is stepless adjusted between 1:9 and 1:56 –dependent of DD model and particle size.

The Disc Divider is manufactured of stainless steel and essentially consists of the following units:

- Top section: The upper disc and two scrapers.
- Middle section: Lower disc, drive unit and the rotor which is connected to the above mentioned scrapers.
- Bottom section: Cone with one or more adjustable sample outlet(s) and reject outlet.
- Inspection hatches for easy access.

TYPE DESIGNATION:

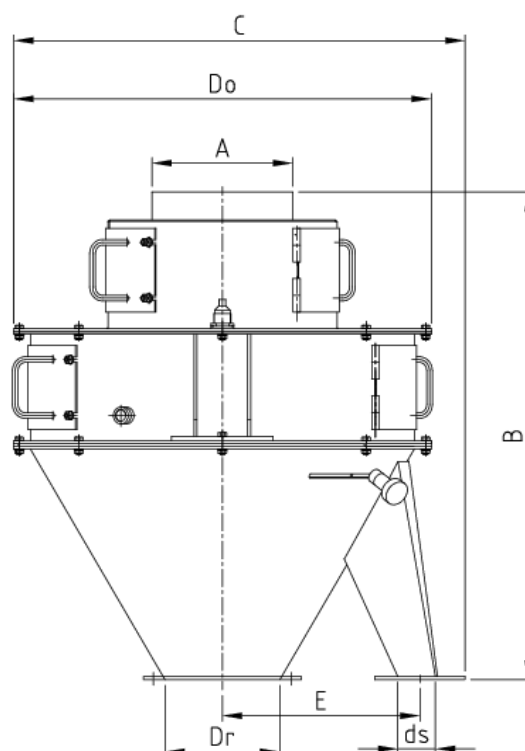
Type	Particle size [mm]	øA [mm]	B [mm]	C [mm]	øDO [mm]	ds [mm]	ØDr [mm]	E [mm]	Motor [kW]	Division circumference [mm]	Shaft speed [rpm]	Weight [kg]
DD12	< 15	200	700	1045	640	60x60	200	290	0.25	1255	29	70
DD17	< 20	200	900	1095	740	150x150	200	330	0.37	1720	21	120

The values are only indicative

TECHNICAL DATA

Drive unit:	Geared motor
Voltage:	400/230V-50Hz or as required
Sensor:	Motion detector
Dimensions:	Refer to drawing and table

DRAWING



COMPANY PROFILE

M&W JAWO HANDLING IS AN INTERNATIONALLY WORKING ENGINEERING COMPANY SPECIALISED IN DESIGN, MANUFACTURING AND SUPPLY OF INDIVIDUAL MACHINE UNITS AND SYSTEMS FOR REPRESENTATIVE SAMPLING OF POWDER AND BULK MATERIAL. SEVERAL HUNDRED SYSTEMS ARE SUCCESSFULLY SAMPLING IN THE INDUSTRY WORLD-WIDE.