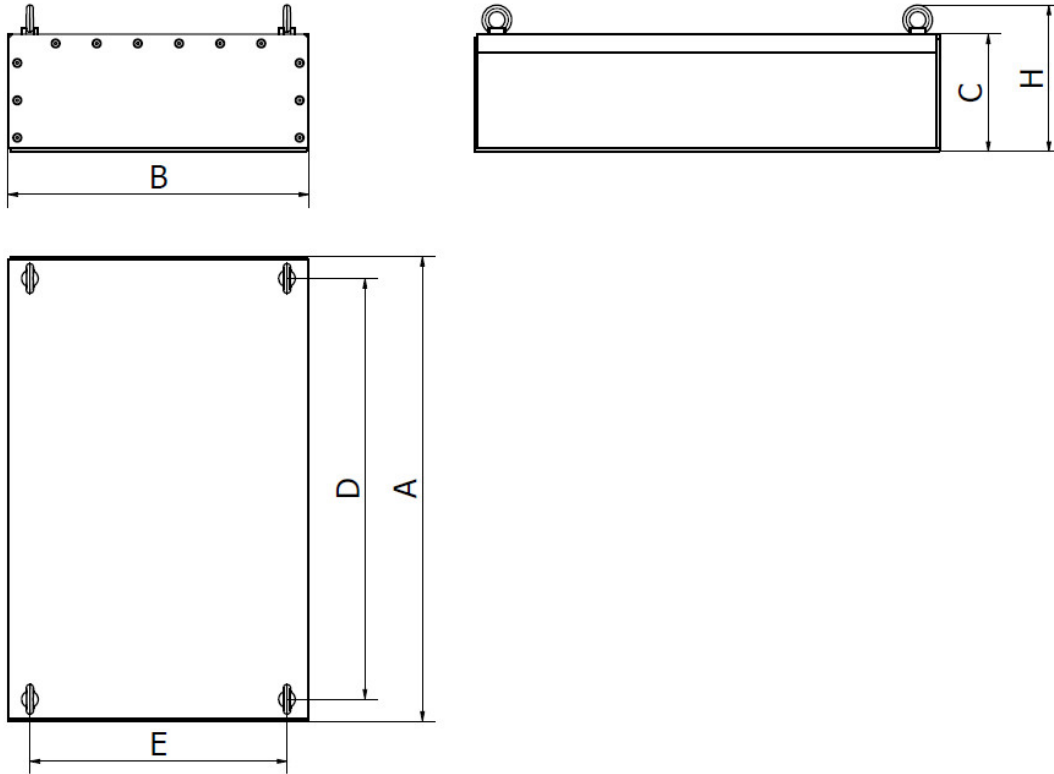


Data sheet DND-MC M2 F



				Dimensions (mm)							
Model M F	Weight (kg)	Recommended belt width (mm)		Maximum recommended installation height (mm)	A	B	C	D	E	H	Lifting eye bolt (DIN 580)
		crosswise	longwise								
DND-MC M1 F	395	500	650	170	500	650	258	400	550	306	M12
DND-MC M2 F	620	800	650	200	800	650	258	700	550	306	M12
DND-MC M3 F	750	1000	650	200	1000	650	258	900	550	315	M16
DND-MC M4 F	900	1200	650	200	1200	650	258	1100	550	315	M16
DND-MC M5 F	1030	1400	650	200	1400	650	258	1300	550	315	M16
DND-MC M6 F	1190	1600	650	200	1600	650	258	1500	550	324	M20

DND-MC M7 F	1350	1800	650	200	1800	650	258	1700	550	324	M20
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Parameter name	Value
Description:	Magnetic plate with automatic cleaning
Separator placement:	across the conveyor belt, inline above the conveyor head pulley
Application (= the material that the application of this separator is suitable for):	bulk material
Material flow direction):	horizontal
Recommended for the belt of max. width (across the conveyor belt) (mm):	800
Recommended for the belt of the max. width (inline above the conveyor head pulley):	650
Maximum effective reach of the magnetic field (mm):	200
Built-in standard magnet type:	ferrite magnet
Max. magnetic induction (G) on the surface of tube (+/- 10 %):	1500
Weight of the separator (kg):	620
Standard connection of the separator:	suspension holes
Separator is suitable also even for the materials of poor bulk properties:	yes
Minimum size of the particles that can be captured by the separator (mm):	1.5
Maximum size of the particles that can be captured by the separator (mm):	300
Max. operating temperature (°C):	100
Min. surrounding ambient temperature (°C):	-25
Max. surrounding ambient temperature (°C):	45
Separator is suitable for vacuum or pressure conveying lines:	no
Separator is suitable for materials transported by:	conveyor belt, chute
Max. speed at which that the separator can capture ferrous particles (m/s):	1.5
Separator is able to capture paramagnetic particles:	no
Separator is suitable for abrasive materials (1 = strongly abrasive, 2 = slightly abrasive, 3 = non-abrasive):	1

Separator is suitable for materials that tend to solidify (the materials must be heated):	no
Separation of non-ferrous metals:	no
Cleaning of the separator:	manual cleaning (without easy cleaning system), need of interrupting the material flow
Material of the separator body (that is in contact with the material):	DIN 1.4301
ATEX (on request):	zone 21, 22
Outer surface treatment of the separator:	sandblasted, partially painted (RAL colour tone)
Magnetic system:	magnetic plate
Other additionally paid options:	cleaning device (= stripper tray)
Max. operation time (hours/day):	24
Max. production time for a standard version (if not available in stock) (weeks):	8
Standard packing:	pallet + stretch wrap
Other packing modes (surcharged options):	wooden box, maritime packing according to clients needs
Warranty (months):	12

Maximum inclination angle (in case of cross suspension) 30°. Maximum effective reach of the magnetic field is the distance between the bottom part of the separator and the conveyor belt. The separator must not get into direct contact with the material flow. If there are big-sized or long ferrous objects in the material transported on the conveyor belt or the max. speed cannot be reduced to the one mentioned above, we recommend that the overband magnet is placed inline above the head conveyor pulley. This product can be delivered also in different dimensions, in the versions with a higher temperature resistance and with different kinds of magnets upon request.