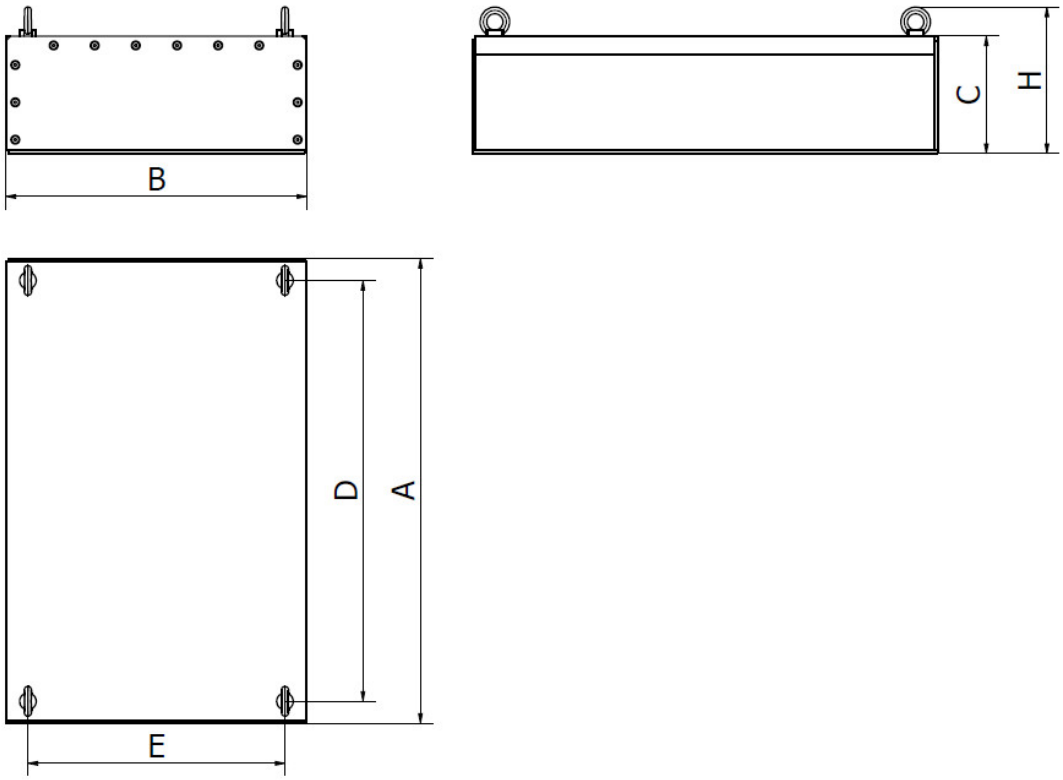
Datasheet DND-MC Mm4 F



					Dimensions (mm)						
Model Mm 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 Mm2 F	1580	800	1200	320	700	1200	408	600	1000	474	M20
DND-MC Mm3 F	2190	1000	1200	350	1000	1200	408	800	1000	493	M24
DND-MC Mm4 F	2710	1200	1200	400	1200	1200	408	1000	1000	493	M24
DND-MC Mm5 F	3150	1400	1200	400	1400	1200	408	1200	1000	512	M30
DND-MC Mm6 F	3610	1600	1200	400	1600	1200	408	1400	1000	512	M30
DND-MC Mm7 F	4050	1800	1200	400	1800	1200	408	1600	1000	512	M30
DND-MC Mm8 F	4450	2000	1200	400	2000	1200	408	1800	1000	512	M30

Parameter name	Value
Description:	Magnetic plate with manual 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):	1200
Recommended for the belt of the max. width (inline above the conveyor head pulley):	1200
Maximum effective reach of the magnetic field (mm):	400
Built-in standard magnet type:	ferrite magnet
Max. magnetic induction (G) on the surface of tube (+/- 10 %):	1500
Weight of the separator (kg):	2710
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):	2.5
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), a 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 separtor 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.