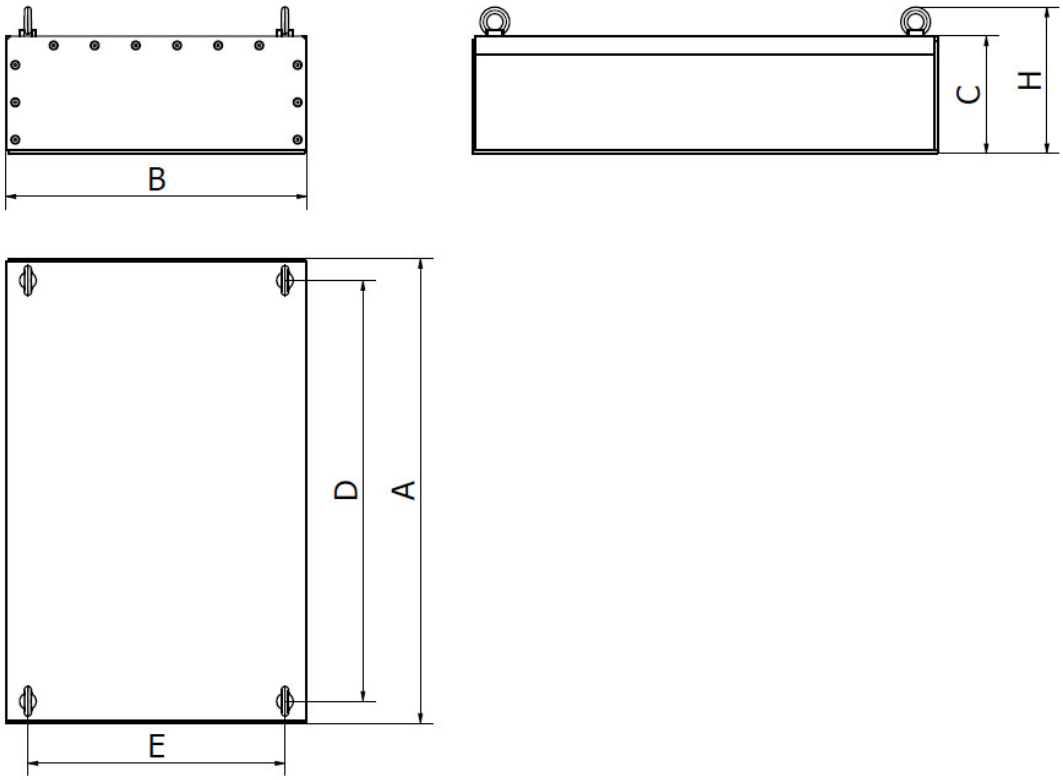
Datasheet DND-MC Mp7 F



					Dimensions (mm)						
Model Mp 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 Mp2 F	1220	800	1050	290	700	1050	333	600	950	399	M20
DND-MC Mp3 F	1755	1000	1050	320	1000	1050	333	900	950	399	M20
DND-MC Mp4 F	2080	1200	1050	340	1200	1050	333	1000	850	418	M24
DND-MC Mp5 F	2465	1400	1050	340	1400	1050	333	1200	850	418	M24
DND-MC Mp6 F	2780	1600	1050	340	1600	1050	333	1400	850	418	M24
DND-MC Mp7 F	3170	1800	1050	340	1800	1050	333	1600	850	418	M24
DND-MC Mp8 F	3460	2000	1050	340	2000	1050	333	1800	850	437	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):	1800
Recommended for the belt of the max. width (inline above the conveyor head pulley):	1050
Maximum effective reach of the magnetic field (mm):	340
Built-in standard magnet type:	ferrite magnet
Max. magnetic induction (G) on the surface of tube (+/- 10 %):	1500
Weight of the separator (kg):	3170
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:	ne
Separator is suitable for materials transported by:	conveyor belt, chute
Max. speed at which that the separator can capture ferrous particles (m/s):	2
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.