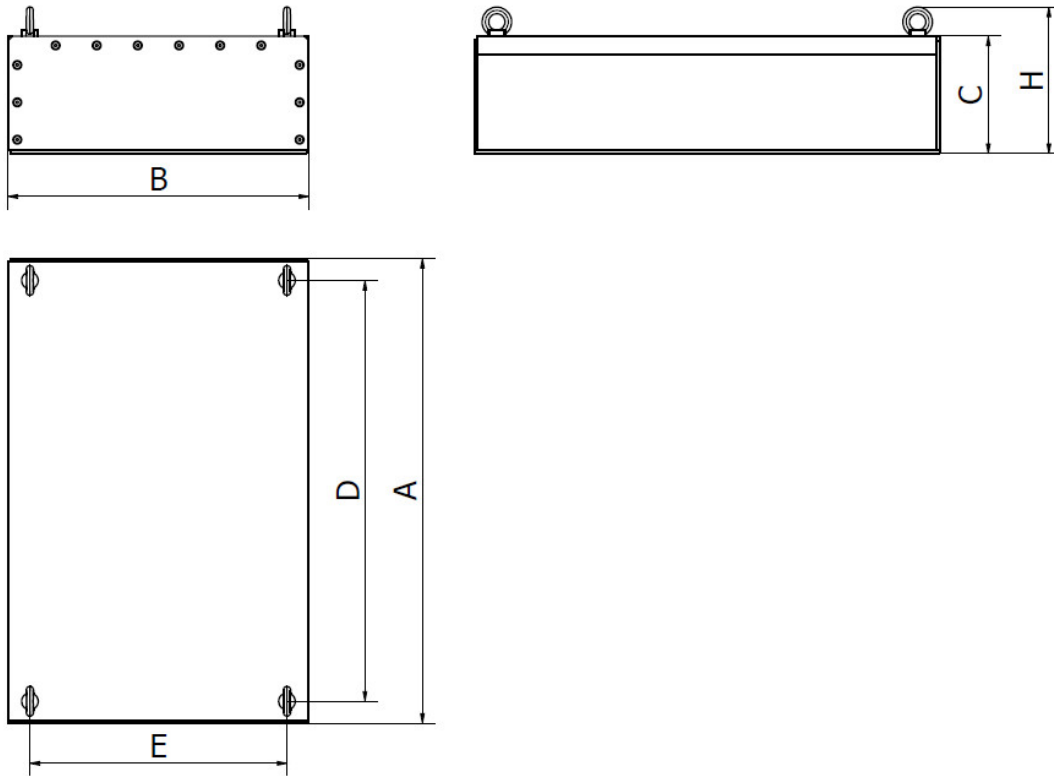


Datasheet DND-MC N2



Model N	Weight (kg)	Recommended belt width (mm)	Maximum recommended installation height (mm)	Dimensions (mm)						Lifting eye bolt (DIN 580)
				A	B	C	D	E	H	
DND-MC N1	195	500	200	500	600	95	400	350	146	M12
DND-MC N2	260	800	200	800	600	95	600	350	146	M12
DND-MC N3	355	1000	200	1000	600	95	900	350	146	M12
DND-MC N4	430	1200	200	1200	600	95	1100	350	146	M12
DND-MC N5	520	1400	200	1400	600	95	1300	350	146	M12
DND-MC N6	615	1600	200	1600	600	95	1500	350	146	M12
DND-MC N7	720	1800	200	1800	600	95	1700	350	146	M12

Parameter name	Value
Description:	Magnetic plate with manual cleaning
Separator placement:	across the conveyor belt
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
Maximum effective reach of the magnetic field (mm):	200
Built-in standard magnet type:	neodymium magnet N35
Max. magnetic induction (G) on the surface of tube (+/- 10 %):	3500
Weight of the separator (kg):	305
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):	0.5
Maximum size of the particles that can be captured by the separator (mm):	300
Max. operating temperature (°C):	80
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:	yes
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 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.