



# Datasheet

## solids-Multi-Way Diverter

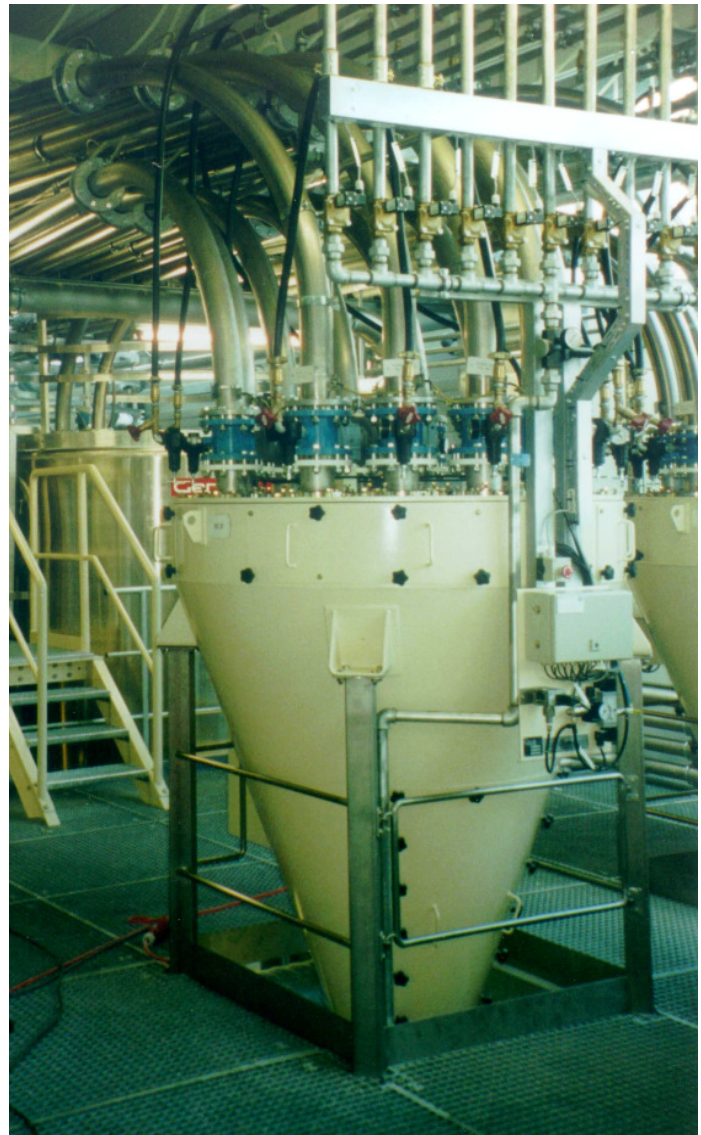
### MWW-Basic



**Distributor for pneumatic pressure conveying pipelines or collection of vacuum conveying pipelines, up to 20 exits; can also be used as a collector; smooth and shock-free material flow; no dead zones**

### Operation purpose:

The multi-way diverter in a pneumatic conveying pipeline is used to choose different target destinations. Before starting the pneumatic conveying process the desired exit corresponding to the destination is dialed. Then the rotary pipe is moving to this exit. After achieving the position all exits are sealed. The rotary pipe, driven by a worm-gearboxmotor, is the connection between the arriving pipeline and the departing pipeline.



### Advantages:

- Suitable for all bulk solids
- Approved as per pressure equipment directive 97/23/EC
- No dead zones, no product residues
- Robust and fail-safe

approval:	MIGSA	SST	H. Linder			
	Date:	Sign:	Date:	Sign:	Date:	Sign:
			29.9.2016	Le	29.9.2016	Li

Preliminary modifications reserved



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## Operating conditions:

- Max. pressure: < 3 bar
- Max. temperature: 120° C
- Max/min ambient temperature: -10 °C ≤ T ≤ 50 °C
- Data for bulk solids: Particle size: powders, up to middle hardness. Fluidity: for free flowing up to non-flowing products.

Type	Duct diameter (mm)	N° of exits	Diameter between exits (mm)	Height (mm)	Weight (Kg)
MWW05XXB01	50	3-8	600	1195	345-425
MWW05XXB01	50	9-16	1100	1660	665-770
MWW05XXB01	50	17-20	1450	2000	960-990
MWW06XXB01	65	3-8	600	1195	345-430
MWW06XXB01	65	9-16	1100	1660	670-780
MWW06XXB01	65	17-20	1450	2000	965-1000
MWW08XXB01	80	3-8	600	1195	350-440
MWW08XXB01	80	9-16	1100	1660	680-800
MWW08XXB01	80	17-20	1450	2000	975-1025
MWW10XXB01	100	3-8	600	1195	355-440
MWW10XXB01	100	9-14	1100	1660	686-790
MWW10XXB01	100	15-20	1450	2000	995-1065
MWW12XXB01	125	3-7	600	1195	355-425
MWW12XXB01	125	8-12	1100	1660	675-760
MWW12XXB01	125	13-16	1450	2000	950-1020
MWW15XXB01	150	3-5	600	1195	360-430
MWW15XXB01	150	6-10	1100	1660	670-750
MWW15XXB01	150	11-14	1450	2000	940-1010
MWW20XXB01	200	3-8	1100	1955	690-775
MWW20XXB01	200	9-12	1450	2400	980-1050

The XX should be replaced by the number of outlets.



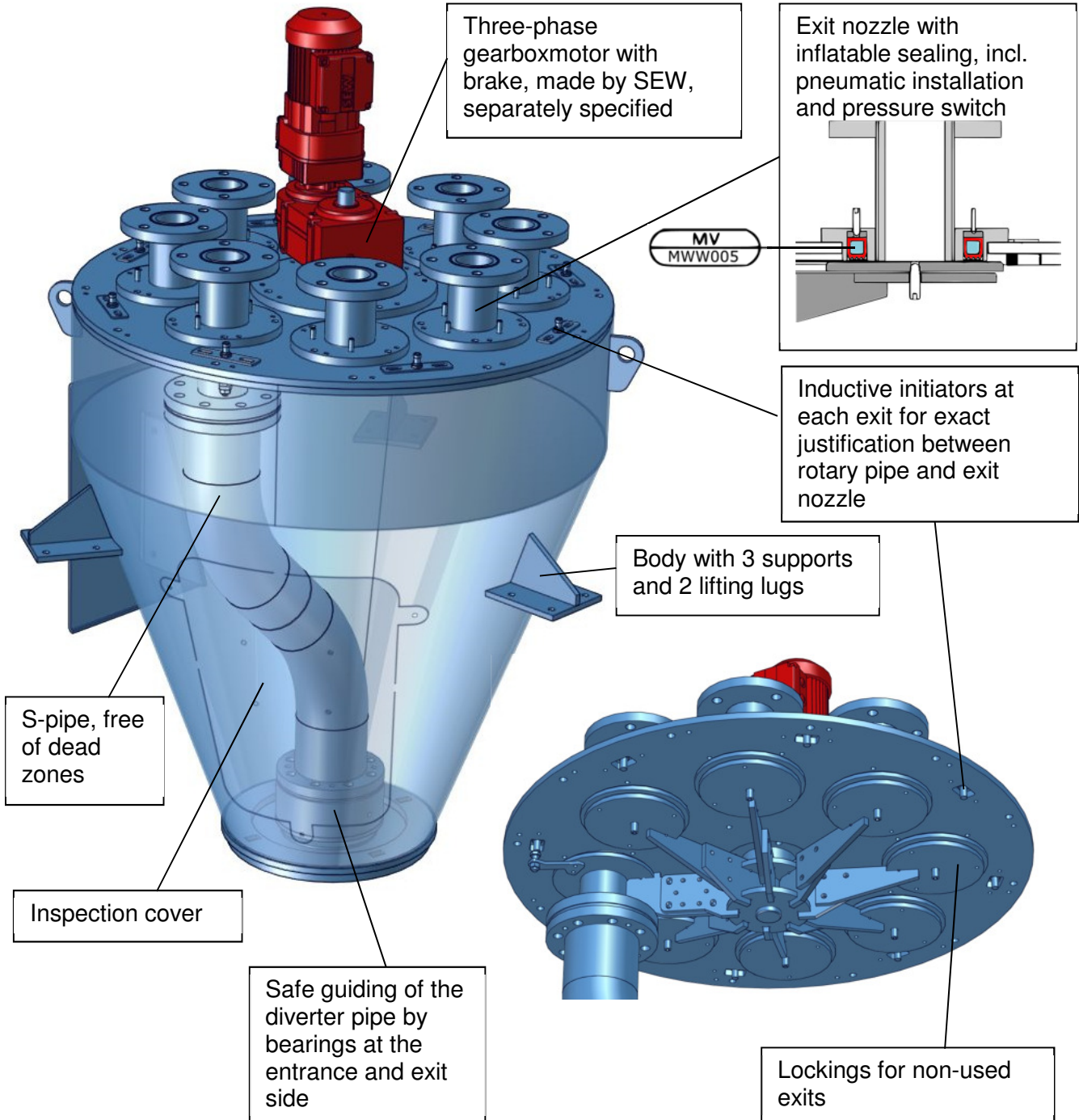


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## Basical version:

Welded steel construction - carbon steel



This is not an equipment according ATEX-directive 2014/34/EU, but in contact with product (inside) usable in the zones 20-21-22. Additional electrical parts must be approved for the chosen ATEX-zone.

Surface treatment:  
Chemical stripped, Primer 40 µm zinc phosphate,  
Top coat 40 µm 2-component polyurethane, RAL5012 blue



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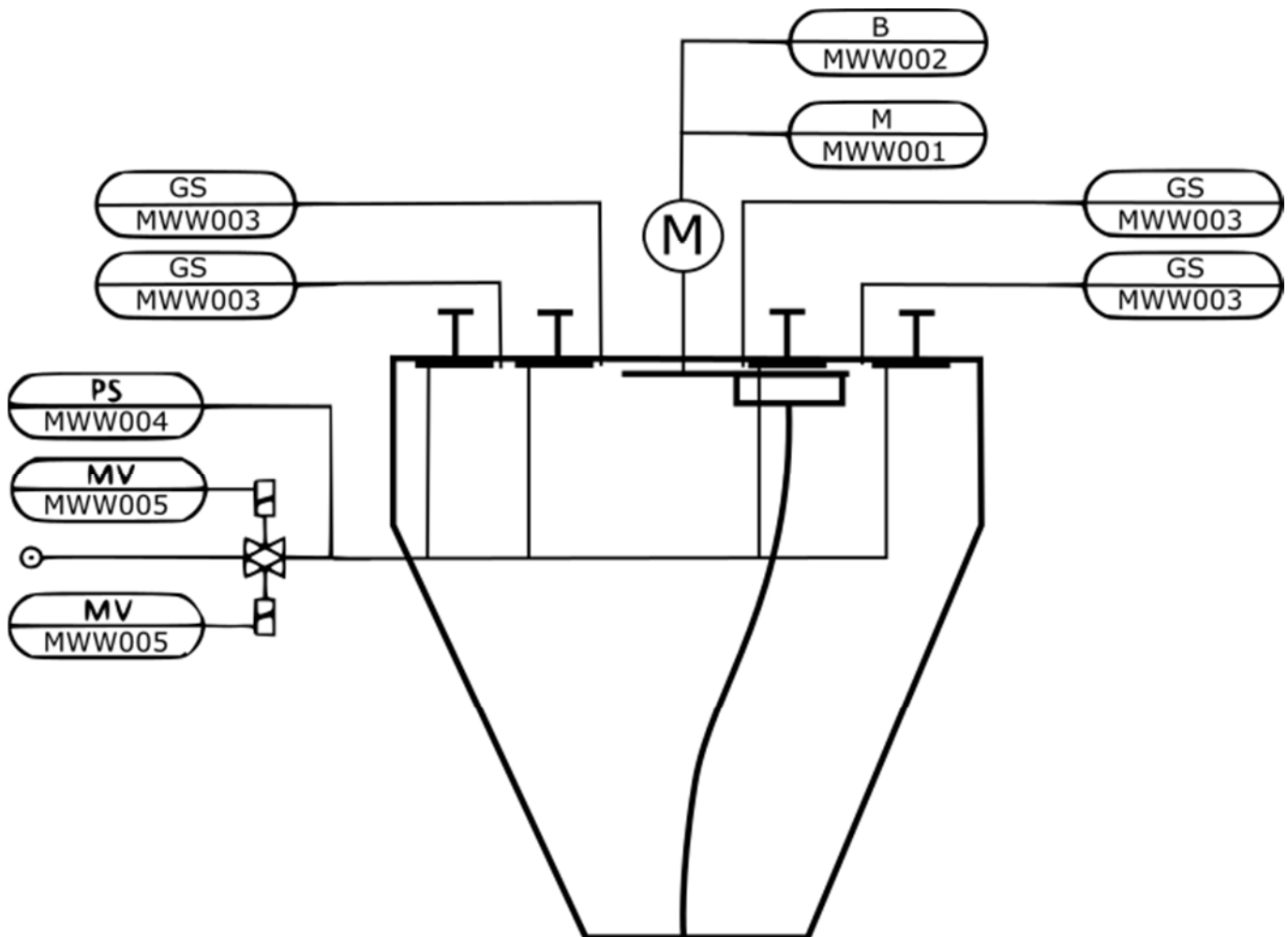


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## Electric parts:

	Denomination	Manufacturer	Type
Gearboxmotor with brake			
MWW001	Gearboxmotor for Ø600 circle of exits	SEW	FHF37R17 2 rpm
	Gearboxmotor for Ø1100 circle of exits	SEW	FHF57R37 1,6 rpm
	Gearboxmotor for Ø1450 circle of exits	SEW	FHF87R57 0,9 rpm
MWW002	Brake	SEW	BMG
Position Indication			
MWW003	Inductive initiators	Pepperl + Fuchs	NBN4-12GM50-E2
Pneumatic installation of the inflatable sealing			
MWW004	Solenoid valve	Norgren	2623100
MWW005	Pressure switch	Danfoss	KP1



Example for a multi-way diverter with 4 exits



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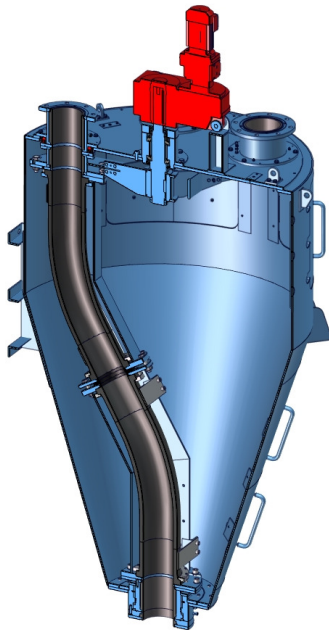


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### Optionen:

1. Parts in contact with product made of stainless steel 1.4306
2. Parts in contact with product made of stainless steel 1.4404
3. Parts in contact with product made of stainless steel 1.4571
4. Parts in contact with product made of a thick-walled pipe
5. Parts in contact with product with a conveying tube made of abrasive resistant rubber
6. Non-stick design with parts in contact with product made of polyethylene
7. Outside electrical elements with Atex zone 2/22
8. Outside electrical elements with Atex zone 1/21
9. LOGO control in a cabinet



### Associated documents:

- 3D-part: Type step (e.g. : **MWW0614B01**. Step)  
2D- layout drawing: Type dxf (ejem. **MWW0614B01**. dxf)  
Selection guide:SG-MWW  
Price list: PL-MWW-Basic  
Drawing No. List: Draw-No-List\_MWW-Basic



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