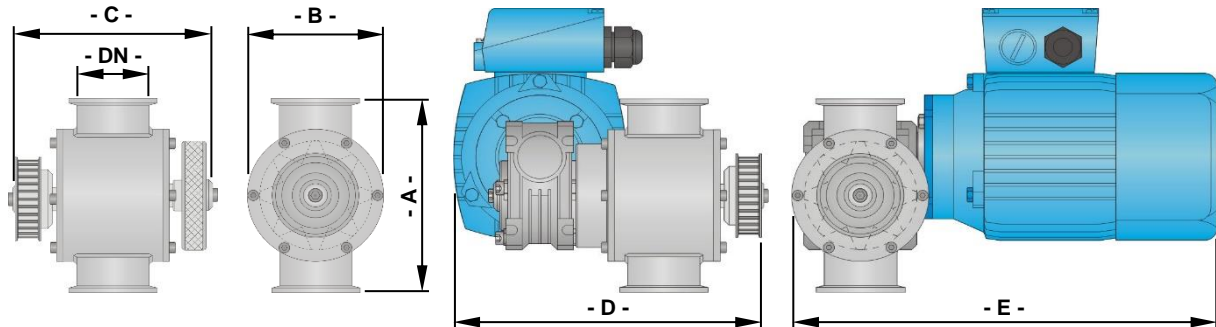




**application**

ZS and ZSm Rotary Vane Feeders are vacuum-tight to outside and represent cycle locks for pressure-compensated transfer of powder materials and granules in aerodynamic systems of continuous / semi-continuous processes with fine-tuning as a closed system with easy cleaning and maintenance.



technical data, dimensions					
unit size ZS	<b>ZS25</b>	<b>ZS40</b>	<b>ZS50</b>	<b>ZS63</b>	<b>ZS100</b>
for unit size	CM01	CM01	CM08	CM20	CM100
Simoloyer® from - to	CM01	CM08	CM20	CM100	CM900
ports flow-in/out	DN25	DN40	DN50	DN63	DN100
operation volume [cm³]	30	50	95	200	650
assembly height -A- [mm]	120	125	145	180	250
cylinder diameter -B- [mm]	85	85	105	130	175
unit width -C- [mm]	110	125	140	160	245
drive 1 (handwheel)	ND70		ND90	ND110	ND145
drive 2 (belt-cogwheel)	5 x 9, z32		5 x 9, z44	8 x 20, z34	8 x 20, z48
unit size ZSm	<b>ZS25m</b>	<b>ZS40m</b>	<b>ZS50m</b>	<b>ZS63m</b>	<b>ZS100m</b>
unit width -D- [mm]	180	195	210	230	325
unit length -E- [mm]	265	265	275	290	350
electrical drive	0.09 kW, 220/400 V			0.25 kW, 220/400 V	
rotational speed of vane	42 rpm (max.)			23 rpm (max.)	
net weight type ZS [kg]	1.7	2.5	4.5	7.5	20.0
net weight type ZSm [kg]	5.7	6.5	11	20	30
operation pressure & temp.	2 bar max., 50 °C max.				
ports & material	standard-KF, stainless steel 1.4301 / Rg / Ku (not engine)				
definition example	rotary vane feeder ZS40   rotary vane feeder ZS40m				



options all types	options type ZSm
<ul style="list-style-type: none"> <li>co-drive belt-cogwheel (drive 2)</li> <li>housing hard chrome plated (inside)</li> <li>material vane-wheel variable</li> </ul>	<ul style="list-style-type: none"> <li>variable speed via converter-drive</li> <li>control unit with PC-port</li> <li>control connection to MALTOZ®</li> </ul>

