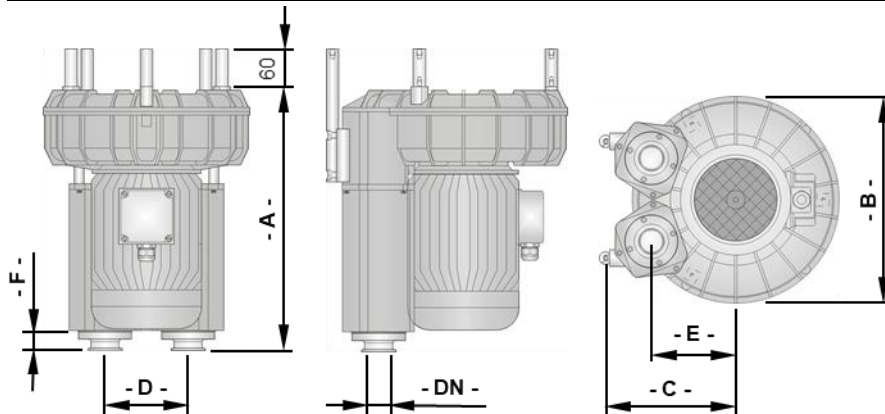


Side Channel Turbine SKV for virtually-open carrier-gas systems

application

SKV side channel turbines, due to the lack of an alternative, until 2007 were equipped with seals, converted to KF-connection and utilized for closed carrier gas systems (Simoloyer® s1-conti and TGD). Today, Zoz SKZ turbines with indispensable water cooling and vacuum tightness are applied for this. However, SKV offer the cost effective solution for quasi-open carrier gas systems, which are closed but do operate on room air and do not have to be evacuated. Such applications range from rapid particle size reduction of glass frits to the super activation of blast furnace slag (FuturZement).



technical data, dimensions

unit size	SKV180a	SKV300a	SKV530a	SKV710a	SKV900a
for Simoloyer® semi-continuous -s1	CM01 CM08	CM08 CM20	CM20 CM100	CM400 CM900	H2F2Go
KF-ports -DN-	DN40	DN50	DN63	DN100	DN150
capacity* [m³/h]	170	300	590	740	1150
press. difference* [mbar]	150	260	260	270	290
power supply [V]	220/400				
drive power [kW]	1.5	3.0	5.5	7.5	12.5
rotational speed 50 Hz*	2850 rpm				
unit length -A- [mm]	391	464	559	655	720
casing width -B- [mm]	332	386	471	534	557
side length -C- [mm]	210	250	326	350	302
KF-distance -D- [mm]	133.5	155	181	230	207
KF-location -E- [mm]	135	158	213	218	211
KF-length -F- [mm]	30	35	40	50	60
suspension	D20-5-M8	D25-5-M10	D30-5-M12	D30-5-M12	D30-5-M16
net weight [kg]	36.6	47.5	91.7	126.3	191
ports	standard-KF				
definition example	Side channel turbine SKV180a-DN40				

