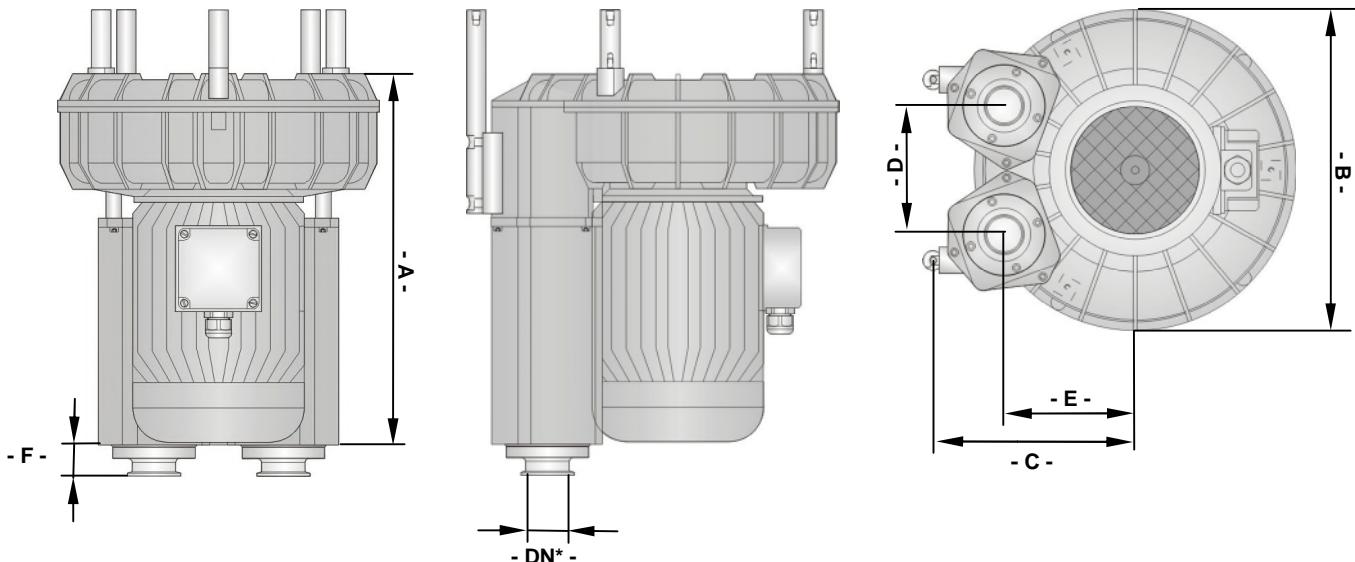


# Side Channel Turbine SKV\*\*

## Application

carrier-gas-drive for multi-phase flows with low solid-load in aero-dynamic systems of continuous / semi-continuous processing preferably in vertical assembly:

- high capacity (volume-flow) at large pressure difference
- unit size according to pipe switches of Simoloyer CM01-CM900 (semi- continuous)
- standard-KF-ports



## Technical Data, Dimensions

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

## Options /Accessories

- converter drive
- operation via MALTOZ software
- heat exchanger
- pipe-system
- flow capacity measurement
- variable KF-ports

technical data is subject to alteration