

Stasjonære flisavsug 9000/18000 m3



Teknisk info:

Filtersystem tilpasset snekkerverksteder og produksjonsbedrifter. Filteret kommer i forhåndsmonterte moduler som er tidsbesparende ved montering. Flis og spon kommer ut av filteret via en celledluse for direkte deponering i container eller videre transport til ex. en silo eller briketteringspresse. Rengjøring av filterposer via vibrasjonsenhet.

Standardutførelse med kapasitet 9000m3 og 18000m3. Andre størrelser på forespørsel.

Kontroll og overvåkingspanelet gir god grafisk oversikt over filterets status.

Større filtersystemer leveres på forespørsel - vi har referanser i Norge på filter fra Nestro på rundt 40 000 m3 levert 2021

Teknisk data 9000m3

OPERATING PARAMETERS

Air density	1.2 [kg/m³]	Air volume	9311 [m³/h]
Static pressure	3184 [Pa]	Total pressure	3362 [Pa]
Dynamic pressure	178 [Pa]	Total efficiency	0.889 [-]
Static efficiency	0.842 [-]	Noise level	85.5 [dB(A)]
Shaft power	9.8 [kW]	Installed power	11 [kW]
Operating frequency	50 [Hz]	Housing dimensions	1157x956 [mm]
Weight	260 [kg]	Number of fans	1
Minimum amount of air	3701 [m³/h]	The minimum frequency at the inverter	45.2 [Hz]
Minimum amount of air at the minimum frequency	3344 [m³/h]	Average rated fan speed	2950 [1/min]

MOTOR

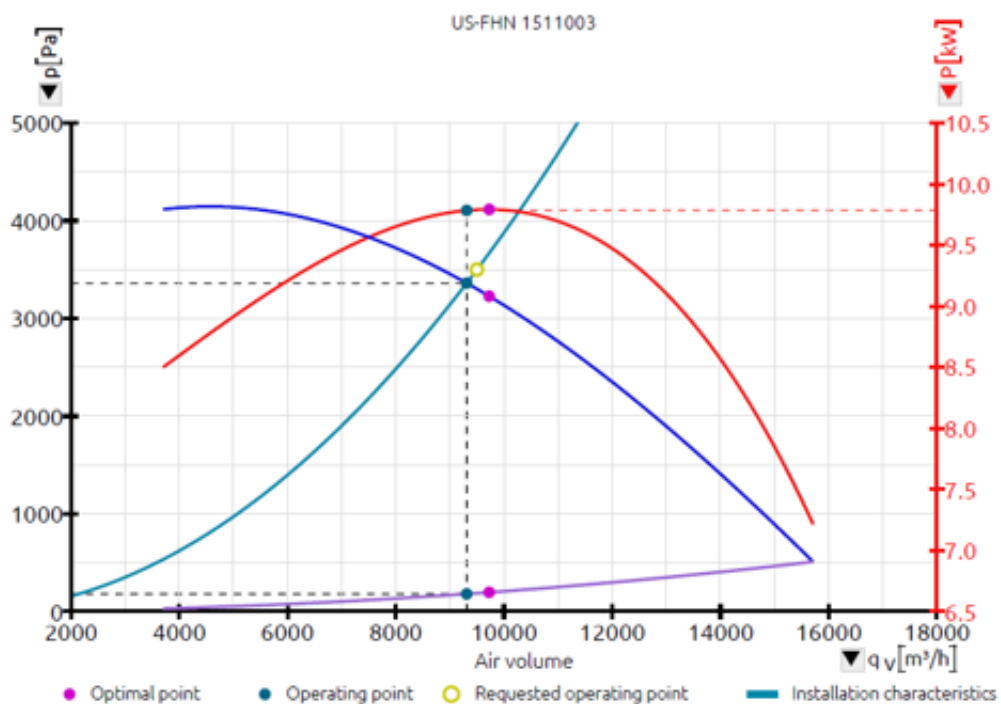
Producer	Lammers	Motor poles	2
Rated speed	2955 [1/min]	Rated power	11 [kW]
Motor designation	1TZ9003-1DA2_160M	Frequency	50 [Hz]
Rated voltage	400/690 [V]	Protection class	IP55
Thermal protection class	F	Efficiency class	IE3
Winding protection	1 thermistor kit	Reinforced bearings	Yes
Special version	No		

CORROSION PROTECTION

Class / Category	C2	Underlay	ZG15
Paint finish	ZE27	Temperature resistance	120 °C
Total layer thickness	80 µm	RAL colour of the housing	5015
RAL colour of the rest of the fan	5015	RAL colour of the motor	5015

FAN

Fan kind	PREMIUM clean gas fans	Fan type	US-FHN
Fan type number	1511003	Fan position	GL 360 (LG 0)
Execution	Standard	Medium	Clean gas
Impeller	Closed	Drive	Direct
Balancing class	G6,3	Number of fans	1
Additional information	Welded steel housing, impeller statically and dynamically balanced		



Teknisk data 18000m3

OPERATING PARAMETERS

Air density	1.2 [kg/m³]	Air volume	18691 [m³/h]
Static pressure	2888 [Pa]	Total pressure	3387 [Pa]
Dynamic pressure	499 [Pa]	Total efficiency	0.834 [-]
Static efficiency	0.711 [-]	Noise level	88.2 [dB(A)]
Shaft power	21.1 [kW]	Installed power	22 [kW]
Operating frequency	50 [Hz]	Housing dimensions	1247x1093 [mm]
Weight	436 [kg]	Number of fans	1
Minimum amount of air	3906 [m³/h]	The minimum frequency at the inverter	39.7 [Hz]
Minimum amount of air at the minimum frequency	3099 [m³/h]	Average rated fan speed	2965 [1/min]

MOTOR

Producer	Lammers	Motor poles	2
Rated speed	2950 [1/min]	Rated power	22 [kW]
Motor designation	1TZ9503-1EA2_180M	Frequency	50 [Hz]
Rated voltage	400/690 [V]	Protection class	IP55
Thermal protection class	F	Efficiency class	IE3
Winding protection	1 thermistor kit	Reinforced bearings	Yes
Special version	No		

CORROSION PROTECTION

Class / Category	C2	Underlay	ZG15
Paint finish	ZE27	Temperature resistance	120 °C
Total layer thickness	80 µm	RAL colour of the housing	5015
RAL colour of the rest of the fan	5015	RAL colour of the motor	5015

FAN

Fan kind	PREMIUM clean gas fans	Fan type	US-FHN
Fan type number	1522011	Fan position	GL 360 (LG 0)
Execution	Standard	Medium	Clean gas
Impeller	Closed	Drive	Direct
Balancing class	G6,3	Number of fans	1
Additional information	Welded steel housing, impeller statically and dynamically balanced		

