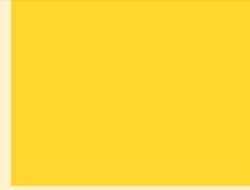


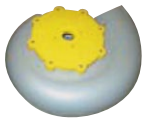
MOTOREN DESMEDT NV

Moerelei 145, B-2610 Antwerpen, Belgium
Tel +32(0)3830.09.90 Fax +32(0)3828.78.90
www.motorendesmedt.be info@motorendesmedt.be

SEAT Series Specifications

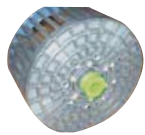


Housings: PP



Single block strong high density UV treated and recyclable polypropylene (PPH) with no welded joint. Reversible and rotatable to any the 8 standard discharge positions by 45° increments. All fan mounting hardware in stainless steel.

Wheels: PP



Forward curved centrifugal type impeller made, of injection molded PPH. Fan wheel supplied with hub cap constructed of PPH. Wheels electronically and dynamically balanced to ISO 1940.

Motors



Direct drive, asynchronous, single or three phase, IP55. Single speed: three phase 230/400 V-50/60Hz, single phase 230V-50Hz. Explosion proof motors available on request. Motor is outside the airstream. Three phase motors speed adjustable by variable frequency inverter drive.

Motor Support



Several options: no stand, metal stand constructed of epoxy coated sheet metal⁽¹⁾, polypropylene motor pedestal⁽²⁾ or roof unit kit⁽³⁾.

ATEX



SEAT Series Fans are also available in ATEX Zone II, known outside Europe as explosion proof, category 3 G execution in accordance with ATEX directive 94/9/CE. ATEX declaration of conformity available on our web site www.seat-ventilation.com. The performances curves of explosion proof fans are identical with the ones of the standard version.

Temperature resistance

PPH casing and wheel recommended up to 80°C.

Performance

Fan performance based on tests conducted in accordance with AMCA 210-85 and ISO 5801.


Warranty

SEAT VENTILATION warrants its equipment to be free from defects in workmanship and material under normal use and service for two years after shipment. Warranty is void if damage results from improper wiring or installation.

Electrical data and weight*

	RPM (T/min)	(kW)	(V)	AMP draw (A)	Weight (Kgs)
Single phase					
SEAT 15	1500	0,25	230	2,5	8,00
	3000	0,37	230	3,1	8,50
SEAT 20	1500	0,25	230	2,5	8,70
	3000	0,75	230	5,4	14,40
SEAT 25	1500	0,37	230	3,1	12,10
SEAT 30	1500	1,50	230	9,7	22,60

Three Phase					
SEAT 15	1000	0,18	230/400	1,5/0,85	6,00
	1500	0,25	230/400	1,3/0,75	11,30
	3000	0,37	230/400	1,7/1,00	10,20
SEAT 20	1000	0,18	230/400	1,5/0,85	9,70
	1500	0,25	230/400	1,3/0,75	12,00
	3000	0,75	230/400	3,2/1,9	13,20
SEAT 25	3000	1,10	230/400	4,7/2,7	15,70
	1000	0,18	230/400	1,5/0,85	11,10
	1000	0,55	230/400	3/1,8	19,50
	1500	0,37	230/400	2,1/1,2	12,10
SEAT 25	3000	1,50	230/400	5,9/3,4	19,90
	3000	2,20	230/400	8,8/5,1	20,90
	3000	3,00	230/400	10/3,6	25,70
SEAT 30	1500	1,10	230/400	6,4/3,7	27,15
SEAT 35	1000	2,20	230/400	9,6/5,5	46,00
	1500	5,50	230/400	20,8/11,9	50,00
	1500	4,00	230/400	14,8/8,5	50,00

ATEX 					
SEAT 15 ATEX	1500	0,18	230/400	0,97/0,56	11,30
	3000	0,37	230/400	1,64/0,95	10,20
SEAT 20 ATEX	1500	0,18	230/400	0,97/0,56	9,70
	3000	0,75	230/400	3,3/1,9	13,20
SEAT 25 ATEX	1500	0,37	230/400	1,7/1,1	12,10
	3000	2,20	230/400	8/4,6	36,00
SEAT 30 ATEX	1500	1,10	230/400	4,4/2,55	27,15
SEAT 35 ATEX	1000	2,20	230/400	10/5,7	46,00
	1500	5,50	230/400	19,2/11	50,00

*Tabulated current values are approximate and depend on make and model of the motor.

