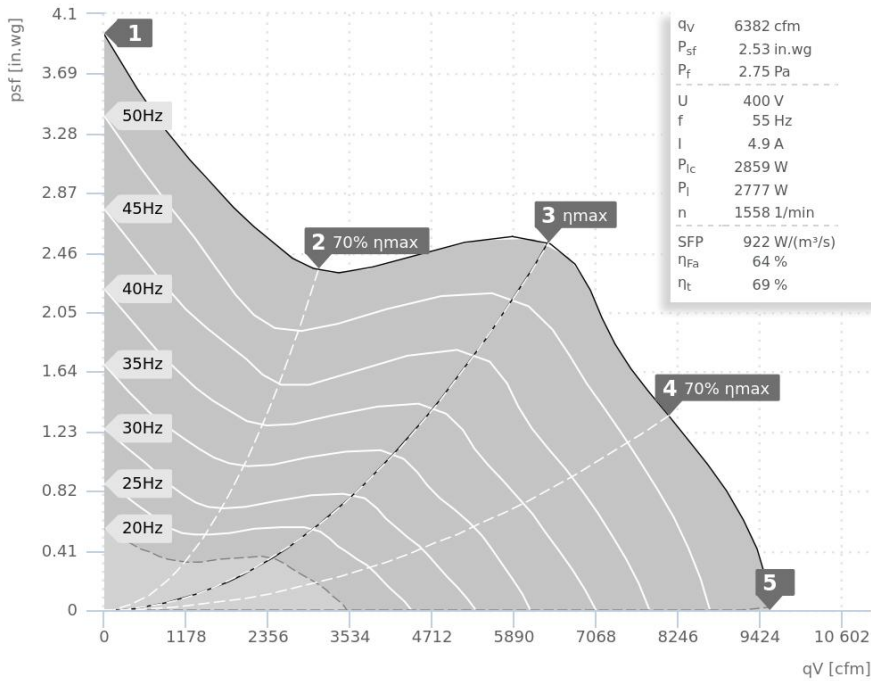


DATA SHEET

24" Prime | 147578



q_v	6382 cfm
P_{sf}	2.53 in.wg
P_f	2.75 Pa
U	400 V
f	55 Hz
I	4.9 A
P_{ic}	2859 W
P_i	2777 W
n	1558 1/min
SFP	922 W/(m ³ /s)
η_{Fa}	64 %
η_t	69 %



Operating Point		1	2	3	4	5
Current I	A	4,1	3,4	4,9	4,7	4,6
Power consumption P ₁	W	2246	1777	2790	2657	2599
RPM n	1/min	1565	1593	1560	1566	1570
SPL inlet L _{WA5}	dB(A)	94	90	85	88	91
SPL outlet L _{WA6}	dB(A)	97	94	89	91	95
SPL casing break out L _{WA2}	dB(A)	85	82	77	79	83

Sound power (L _W) dB(A)		Medium Frequency Band								
		Σ	63	125	250	500	1k	2k	4k	8k
Inlet	L _{WA5}	85	42	66	75	80	80	78	75	63
Outlet	L _{WA6}	89	46	68	77	86	83	80	76	65
Casing	L _{WA2}	77	46	56	66	73	72	67	62	51

24" Prime 147578	
Voltage U _N	400 V 3~
Current I _{max}	6,1 A
Ambient temperature t _A	60 °C
Medium temperatures t _M	60 °C
Speed Control	f
Motor protection	TAO
Insulation class motor	F
Weight	49,5 kg
Poles	4
IP motor	IP55
IP terminal box	-
Min. operating temperature	-20 °C

Ruck Air Movement - Master Series by



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