Acoustic data

Standard: BS EN 13141-6:2014

Product **150mm Mixed Flow in line fan - TP222**

		Sound Power Levels dB re. 1pW Frequency Hz							Overall L_W	Overall L_{WA}	dBA @ 3m
Speed		125	250	500	1k	2k	4k	8k			
Low	Inlet L_W	58	64	64	55	48	36	32	68		50
	Inlet L_{WA}	43	56	61	55	49	37	31		63	45
	Case Radiated L_W	50	51	48	48	48	33	21	56		39
	Case Radiated L_{WA}	32	43	44	48	50	34	20		53	35
Medium	Inlet L_W	58	66	66	59	52	40	36	70		52
	Inlet L_{WA}	43	58	63	58	53	41	35		66	48
	Case Radiated L_W	51	53	52	57	54	38	26	61		43
	Case Radiated L_{WA}	34	45	48	57	55	39	25		60	42
High	Inlet L_W	57	66	68	60	54	42	38	71		53
	Inlet L_{WA}	43	58	65	60	55	43	38		67	49
	Case Radiated L_W	52	53	54	56	57	41	29	62		44
	Case Radiated L_{WA}	35	46	50	56	58	42	28		61	43

The in-line mixed flow fan was installed in a ducted set up as defined in BS EN 13141-6
Casing breakout is hemispherical - for spherical subtract 3dB
Titon acoustic data is independently tested at the BRE.

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