Acoustic data

Standard: BS EN 13141-6:2014

Product **100mm Mixed Flow in line fan - TP220**

		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	54	58	57	48	40	29	25	62		44
	Inlet L_{WA}	39	50	53	48	41	30	24		56	38
	Case Radiated L_W	42	43	40	39	40	26	16	48		31
	Case Radiated L_{WA}	24	35	37	39	41	27	15		45	27
Medium	Inlet L_W	55	59	58	51	42	32	28	63		45
	Inlet L_{WA}	40	51	54	50	43	33	27		57	40
	Case Radiated L_W	46	45	44	43	44	30	17	52		34
	Case Radiated L_{WA}	28	37	40	43	45	31	16		48	31
High	Inlet L_W	55	61	62	53	45	35	31	66		48
	Inlet L_{WA}	41	53	59	53	46	36	30		61	43
	Case Radiated L_W	44	46	49	48	49	35	21	55		37
	Case Radiated L_{WA}	26	38	45	48	50	36	20		53	36

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.

MD398a-01 18/01/19