



Bradflo

Integrated ducting and diffusion systems

BUSINESS PARTNER OF

TROX[®] TECHNIK

DUK

PRODUCT DATA SHEET

EYE BALL JET DIFFUSER



- Jet Nozzle
- Ideal for long throw applications
- Option of adjustable air pattern
- Available in sizes 100, 125, 160, 200, 250, 315 & 400 Dia

contact

Head Office

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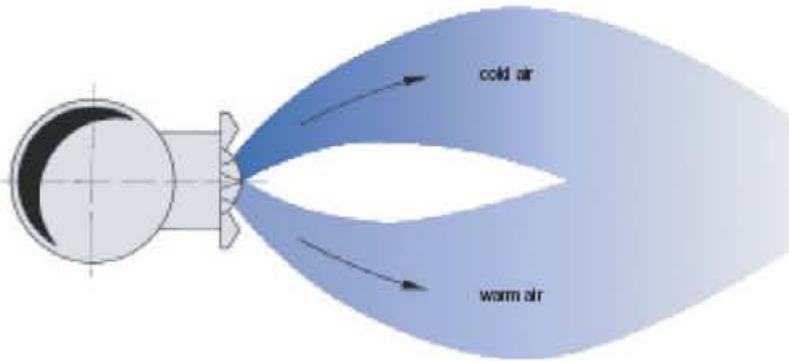
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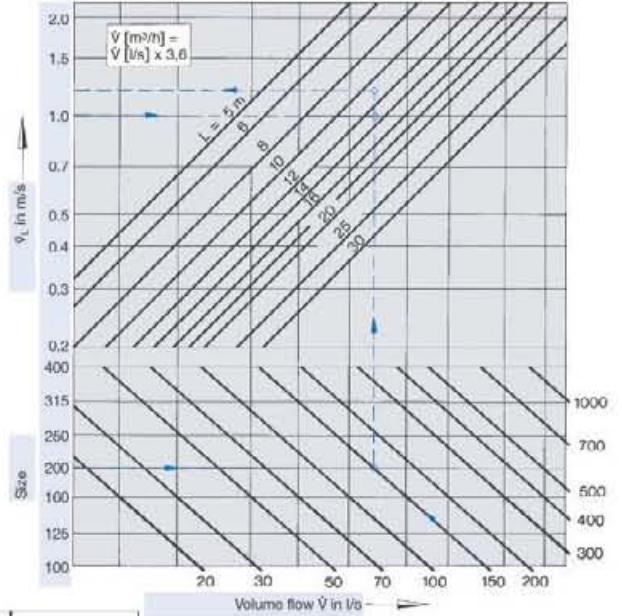


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SPECIFICATIONS

EYE BALL JET DIFFUSER

Core velocity and Throw

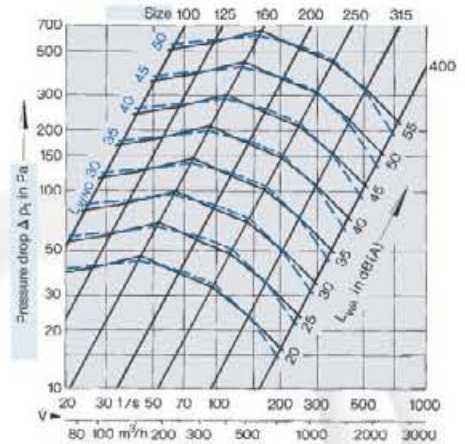


Data for axial air flow, types DUK-F and DUK-V

Size	Throw												Air Velocity v_L m/s			
	10 m				20 m				30 m							
	\dot{V} l/s	L_{WA} dB(A)	L_{WNC} NC		\dot{V} l/s	L_{WA} dB(A)	L_{WNC} NC		\dot{V} l/s	L_{WA} dB(A)	L_{WNC} NC					
100	-	-	-	-	26	31	29	30	23	39	42	41	41	35	0,25	
125	-	-	-	-	34	27	25	26	22	50	37	36	37	30		
160	23	<20	<20	<20	48	<20	<20	<20	<20	69	32	35	33	28		
200	29	<20	<20	<20	61	<20	<20	<20	<20	85	26	27	25	20		
250	37	<20	<20	<20	76	<20	<20	<20	<20	106	23	22	23	<20		
315	50	<20	<20	<20	98	<20	<20	<20	<20	150	21	20	22	<20		
400	65	<20	<20	<20	129	<20	<20	<20	<20	195	<20	<20	21	<20		
100	26	31	29	30	23	52	50	50	49	45	-	-	-	-	0,5	
125	34	27	25	26	22	68	46	46	45	40	-	-	-	-		
160	46	<20	<20	<20	<20	92	39	44	40	37	138	50	55	51		49
200	61	<20	<20	<20	<20	121	36	38	36	31	182	47	50	47		44
250	76	<20	<20	<20	<20	152	32	34	32	26	229	43	45	43		39
315	98	<20	<20	<20	<20	195	27	28	28	20	293	39	40	40		32
400	129	<20	<20	<20	<20	258	27	20	28	<20	387	37	33	39	26	
100	52	50	50	49	45	-	-	-	-	-	-	-	-	-	1,0	
125	68	46	46	45	40	-	-	-	-	-	-	-	-	-		
160	92	39	44	40	37	-	-	-	-	-	-	-	-	-		
200	121	36	38	35	31	242	49	-	49	-	-	-	-	-		
250	152	32	34	32	26	305	51	53	51	47	-	-	-	-		
315	195	27	28	28	20	390	47	48	48	41	585	53	-	54		-
400	258	27	20	28	<20	516	45	42	43	35	773	51	53	53	47	

* See p. 13 for corrections for deflection angle

Sound Power and Pressure Drop for axial installation DUK-F



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