



ROLLER TYPE LINEAR SLOT DIFFUSERS

Performance Data

SD35 QUICK SELECTION TABLE

Qv (m ³ /h)	L	1 SLOT	2 SLOT	3 SLOT	4 SLOT
50	NR	20			
	Pt (Pa)	4,0			
	Vt (m/s)	0,12			
70	NR	25			
	Pt (Pa)	8,0			
	Vt (m/s)	0,16			
100	NR	30			
	Pt (Pa)	16,0			
	Vt (m/s)	0,21			
120	NR	35	20		
	Pt (Pa)	23,0	13,0		
	Vt (m/s)	0,24	0,17		
150	NR	40	25		
	Pt (Pa)	36,0	21,0		
	Vt (m/s)	0,30	0,20		
180	NR		30	25	
	Pt (Pa)		30,0	10,0	
	Vt (m/s)		0,23	0,18	
200	NR		35	25	20
	Pt (Pa)		35,0	12,0	6,0
	Vt (m/s)		0,26	0,20	0,17
220	NR		40	30	25
	Pt (Pa)		44,0	15,0	8,0
	Vt (m/s)		0,28	0,22	0,18
250	NR			35	25
	Pt (Pa)			19,0	10,0
	Vt (m/s)			0,24	0,20
280	NR			35	30
	Pt (Pa)			24,0	13,0
	Vt (m/s)			0,27	0,22
300	NR				30
	Pt (Pa)				14,0
	Vt (m/s)				0,23
320	NR				35
	Pt (Pa)				16,0
	Vt (m/s)				0,25

SELECTION TABLE
 CRITERIAS
 Horizontal blow
 Ceiling Height
 H: 3 ±0.5 mt
 V_i: 0.25 m/s

Lt(m) : Throw Distance
 NR : Sound Level
 Pt(Pa) : Pressure Drop

Submittal No.	Revision:	Date: 01/01/2019	Submitted by:	Date submitted:
---------------	-----------	------------------	---------------	-----------------