



Characteristics Round ceiling diffuser with adjustable cones.

Material Aluminium.

Finish White paint (RAL 9010).

Fixing Fixing by concealed fixing screws mounted on the diffuser neck.

Models DOT: round ceiling diffuser with adjustable cones.
DOT-DPM: round ceiling diffuser with adjustable cones on panel 595 x 595 mm.

Accessories RF: butterfly damper with central screw adjustment through the centre of the diffuser.
K: connecting plenum.

Order key

DOT - RC - PL / 160

Size
In Platte
Butterfly damper
Round ceiling air diffusers

Dimensions Ø [mm]

Ø = 100 150 160 200 250 300 315 350 400 450 500 630

Model	Ø A	Ø B	Ø C	Ø D	Ø G	Ringe (Zahl)
100	89	230	194	75	30	2
150	148	335	280	105	45	3
160	158	335	280	105	45	3
200	198	423	360	118	45	3
250	248	517	445	130	48	3
300	298	640	560	146	45	3
315	313	640	560	146	45	3
350	348	730	640	185	65	3
400	398	776	680	185	65	4
450	448	825	735	185	65	4
500	498	907	805	185	65	4
630	628	1045	943	185	65	5

Plenum	A x B	C ₁	Ø D	Ø E	H ₁
PDC 100	200 x 200	65	86	102	200
PDC 150	250 x 250	70	146	152	250
PDC 160	250 x 250	90	156	162	250
PDC 200	300 x 300	90	196	202	300
PDC 250	350 x 350	90	246	252	350
PDC 300	400 x 400	90	296	302	400
PDC 315	400 x 400	90	311	317	400
PDC 350	450 x 450	90	346	352	450
PDC 400	500 x 500	90	396	402	500
PDC 450	550 x 550	100	446	453	550
PDC 500	600 x 600	100	496	503	600
PDC 630	730 x 730	100	600	633	730

Diagram of selection

CONDITIONS: valid with ceiling effect; valid with 0° bar deflection; terminal velocity = 0,5 m/s.

Occupied zone relative velocity = 0,17 m/s; height of installation site = 2,8 m +/- 0,3 m.

SYMBOL	DESCRIPTION
Q	Air flow [m³/s, m³/h]
NR	Noise level
DP	Pressure drop [Pa]
Vk	Air delivery velocity [m/s]
Lt	Throw [m]

