

### Description

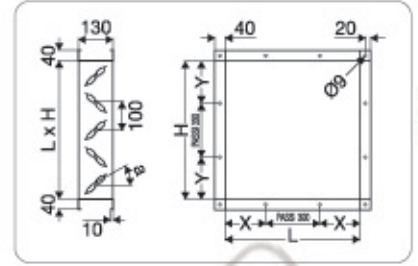
- Galvanised steel frame th. 10/10 Z200 depth 80 mm riveted, 30 mm flange with  $\varnothing$  5 mm holes on the corners
- "Double Skin" aerofoil blades in galvanised steel th. 0.4+0.4 Z200, pitch 50 mm
- Internal nylon gears, temp.  $-20^{\circ}\text{C} / +70^{\circ}\text{C}$
- Drive shaft  $\varnothing$  8 mm L = 45 mm
- Leakage class 1 according to EN 1751

### Available execution (see page 11)

- In 304 STAINLESS STEEL (list price x2)
- In 316L STAINLESS STEEL (list price x3)
- Special flanges (list price +52 €)

### Accessories (see page 10)

- R9 galvanised manual drive (€5 each)
- Electric actuators / Pneumatic cylinder



### Description

- Galvanised steel frame th. 10/10 Z200 depth 130 mm, 40 mm flanges with  $\varnothing$  8 mm holes in the middle, pitch 300 mm
- "Double Skin" aerofoil blades in galvanised steel th. 0.6+0.6 Z200, pitch 100 mm
- Nylon bearings, temp.  $-20^{\circ}\text{C} / +70^{\circ}\text{C}$
- Drive shaft  $\varnothing$  12 mm L = 100 mm

### Available execution (see page 11)

- In 304 STAINLESS STEEL (list price x2.5)
- In 316L STAINLESS STEEL (list price x3)

### Accessories (see page 10)

- R5 galvanised manual drive (€5 each)
- Electric actuators / Pneumatic cylinder

## Selection table for accessories

R12 P18					Electric actuators	
Model damper	Surface (m <sup>2</sup> )	Ø Shaft	Manual drive	Pneumatic actuator	Torque required	
					On-Off (Nm)	Spring Return (Nm)*
DL 50	< 0.80	Ø 8	R9	Ø 27 stroke 100	5	5
DL 101	< 0.10	Ø 12	R11 or R12	Ø 20 stroke 50	5	10
	< 0.80	Ø 12	R11 or R12	Ø 27 stroke 100	5	10
	< 1.00	Ø 12	R11 or R12	Ø 35 stroke 150	10	20
	< 1.50	Ø 12	R12	Ø 35 stroke 150	10	20
	< 3.00	Ø 12	R12	Ø 35 stroke 150	20	30
	< 3.50	Ø 12	R12	Ø 50 stroke 200	20	30
DL151-201	< 0.10	Ø 12	R11 or R12	Ø 20 stroke 50	5	10
	< 0.80	Ø 12	R11 or R12	Ø 27 stroke 100	5	10
	< 1.00	Ø 12	R11 or R12	Ø 35 stroke 150	10	20
	< 1.50	Ø 12	R12	Ø 35 stroke 150	10	20
	< 3.00	Ø 12	R12	Ø 35 stroke 150	20	30
	< 3.50	Ø 12	R12	Ø 50 stroke 200	20	30
	< 6.00	Ø 12	R12	Ø 50 stroke 200	40	60
DL 151T / DL 201 T	< 0.20	Ø 18	R12 P18	Ø 27 stroke 100	See table	
	< 1.50	Ø 18	R12 P18	Ø 35 stroke 150		
	< 2.20	Ø 18	R12 P18	Ø 50 stroke 200		
	< 3.00	Ø 18	R12 P18	Ø 50 stroke 200		
	< 4.00	Ø 18	R12 P18	Ø 50 stroke 200		
DLC / DLC-T / SRCZ	100/250	Ø 8	R9	Ø 20 stroke 50	5	5
	315/450	Ø 12	R11 or R12	Ø 27 stroke 100	5	10
	500/710	Ø 12	R11 or R12	Ø 27 stroke 100	10	20
SRCZ	800/1050	Ø 18	R12 special	Ø 27 stroke 100	10	20
	1100/1500	Ø 25	R12 special	Ø 35 stroke 150	20	40
	1600/2000	Ø 30	R12 special	Ø 50 stroke 200	40	60

\*NB: for spring return actuators - check during production stage.

### DL 151 T / DL 201 T selection table Leakage Class 4 - EN 1751

		HEIGHT									
No. of blades		1	2	3	4	5	6	7	8	9	10
	DL 151T	160	310	460	610	760	910	1060	1210	1360	1510
<b>BASE</b>	DL 201T	210	410	610	810	1010	1210	1410	1610	1810	2010
200		5 Nm									
400		5 Nm									
600		10 Nm									
800		10 Nm									
1000				20 Nm		30 Nm			40 Nm		
1200											
1400											
1600											
1800										50 Nm	
2000											

### DL 151 T / DL 201 T selection table Leakage Class 3 - EN 1751

		HEIGHT									
No. of blades		1	2	3	4	5	6	7	8	9	10
	DL 151T	160	310	460	610	760	910	1060	1210	1360	1510
<b>BASE</b>	DL 201T	210	410	610	810	1010	1210	1410	1610	1810	2010
200											
400											
600			7/10 Nm								
800			7/10 Nm								
1000											
1200						15 Nm					
1400									30 Nm		
1600									30 Nm		
1800											40 Nm
2000											