



Robust centrifugal single-inlet, fans fitted with an impeller with backward-facing blades made from robust sheet steel without motor support stand



DCBP



DCBPC



high performance
backward curved
impeller, anticorro-
sive finish

Fan:

single inlet centrifugal fan
DCBPC with vertical outlet
max 120°C in airstream

Housing with anticorrosive finish

Motor:

- Motor Iso Class F, protection IP55
- three phase norm motor
230/400V - 50Hz (up to 4 kW) and
400/690V - 50Hz (more than 4kW)

On demand

- Category 2 G or D ATEX certification for explosive atmospheres and CE mark Ex II 2 G/D Eex E or D.
- maximum temperature of 250°C.
- speed control
- motor with other frequencies, other voltage

Technical details

Model	speed rpm	Stromstärke A 400V	Motor KW	Luftleistg m³/hr	soundlevel dB (A)	weight kg (PC)*	inlet mm	outlet mm (P)*
1445-4T	1460	2,55	1,1	9000	73	77	450	355x450
1650-4T	1440	3,4	1,5	12000	76	98	500	400x500
1556-4T	1455	6,4	3	14000	78	150	560	450x560
1856-4T	1455	6,4	3	16000	80	150	560	450x560

* (PC) = DCBPC

* (P) = DCBP

Air volume flow [m³/h] depending on static pressure [Pa]:

DCBP	0	200	400	600	700	900
1445-4	9000	8200	6900	4600		
1650-4	12000	10900	9400	7100	5300	
1556-4	14000	12000	10500	8000	6200	2900
1856-4	17000	15500	13600	11200	9700	5100

Example:

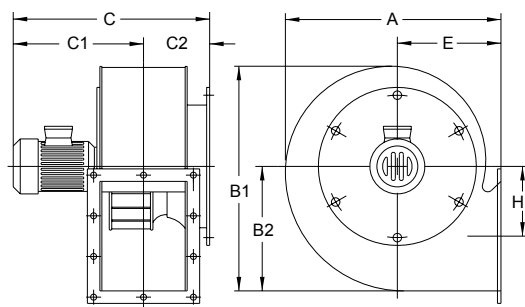
resistance in duct system / static pressure 700 Pa (Pascal)
wanted air capacity e.g.. 6.000 m³/hr ----->model code 1556-4T



Dimensions [mm]:

DCBP	A	B	C
1445	765	847	765
1650	832	932	855
1554	923	1041	890
1856	923	1041	890

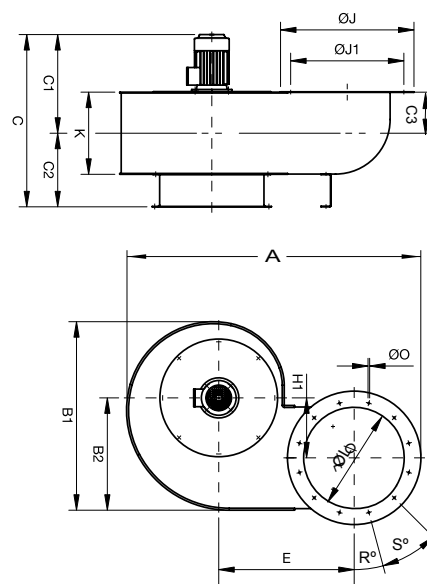
DCBP



Dimensions [mm]:

DCBPC	A	B	C
1445	1330	847	765
1650	1456	932	848
1554	1598	1041	890
1856	1598	1041	890

DCBPC



Ask for accessories

