Long cased axial fans with external motor protection inside IP 66
------> max 150°C inside <-------

- Long casing with sheet steel twist-lock cap.
- Cast aluminium impeller.
- Sealed transmission unit (IP66) with double retention system
- Airflow direction from motor to impeller





abgeschlossene Antriebsgruppe

Motor
- Class F external rotor motors, IP55 protection
- Single-phase 230V.-50Hz., and three-phase 230/400V.-50Hz. (up to 5.5hp.) and 400/690V.-50Hz. (power over 5.5hp)
- Working temperature: -25ºC.+ 150ºC.

Housing
Anticorrosive finish in polyester resin, polymerised at 190ºC, after alkaline degreasing and phosphate-free pre-treatment.

on demand
Special windings for different voltages
Atex fans working in explosives atmospheres

Technical details

Model	speed rpm	400V A	Motor kW	Volume air flow m³/hr	soundlevel dB(A)	weight kg
DHPX-35-4T-0,16	1420	0,44	0,12	2500	60	20
DHPX-35-2T-0,75	2720	1,36	0,55	4750	77	22
DHPX-45-4T-0,33	1450	0,76	0,25	6300	69	32
DHPX-45-4T-0,5	1700	1,03	0,37	6600	70	35
DHPX-50-4T-0,75	1310	1,45	0,55	9000	70	32,5
DHPX-50-4T-1	1500	1,86	0,75	10800	71	34
DHPX-56-4T-0,75	1380	1,45	0,55	11300	72	35,5
DHPX-56-4T-1	1500	1,86	0,75	12200	73	35,5
DHPX-56-4T-1,5	1420	2,65	1,1	14500	75	39
DHPX-63-4T-1,5	1300	2,65	1,1	16000	74	59
DHPX-63-4T-2	1450	3,45	1,5	17500	78	63
DHPX-71-4T-1,5	1200	2,65	1,1	20300	78	73,5
DHPX-71-4T-2	1350	3,45	1,5	22500	79	76,8
DHPX-71-4T-3	1450	4,9	2,2	24000	81	85,2
DHPX-80-4T-3	1200	4,9	2,2	29000	83	95
DHPX-80-4T-4	1350	6,5	3	32000	84	100
DHPX-80-4T-5,5	1450	8,3	4	40500	84	106
DHPX-90-4T-5,5	1280	8,3	4	44000	89	118
DHPX-90-4T-7,5	1400	11,4	5,5	51000	91	132
DHPX-100-4T-10	1450	15,1	7,5	63000	93	159
DHPX-100-4T-15	1450	21,4	11	68000	94	181

Model design code:
2T = 2800 rpm / 3~ 400 Volt 50 Hz
4T = 1400 rpm / 3~ 400 Volt 50 Hz
e.g.: DHPX 56 = diameter 560mm

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

	50	100	150	200	250	300	350	400	500	600	700
DHPX-35-4T-0,16	1770	660									
DHPX-35-2T-0,75	4230	3690	3090	2300							
DHPX-45-4T-0,5	5990	4980	3630								
DHPX-50-4T-0,75	8180	6500	4900								
DHPX-50-4T-1	9970	8400	6040	3550							
DHPX-56-4T-1	11400	10100	8800	7240	5180						
DHPX-56-4T-1,5	12970	11900	10580	7881	5700						
DHPX-63-4T-2	16000	14600	12800	10300	6500						
DHPX-71-4T-2	21470	19180	16500	13700	10000						
DHPX-71-4T-3	22700	21200	19300	16900	13700						
DHPX-80-4T-3	28000	24800	21200	17500	12700						
DHPX-80-4T-4	30500	27800	24800	21700	18300	14000					
DHPX-80-4T-5,5	38200	35800	33300	30300	27300	23800	19700				
DHPX-90-4T-5,5	*	42000	39800	37000	33900	30700	27200	23900	14000		
DHPX-90-4T-7,5	*	49900	47700	45000	41900	38200	34500	29500	18200		
DHPX-100-4T-10	60900	58800	56700	54400	52300	49400	46700	43300	34200	23800	15500
DHPX-100-4T-15	66000	64000	62300	60500	58200	55500	52700	49300	34400	24500	17600

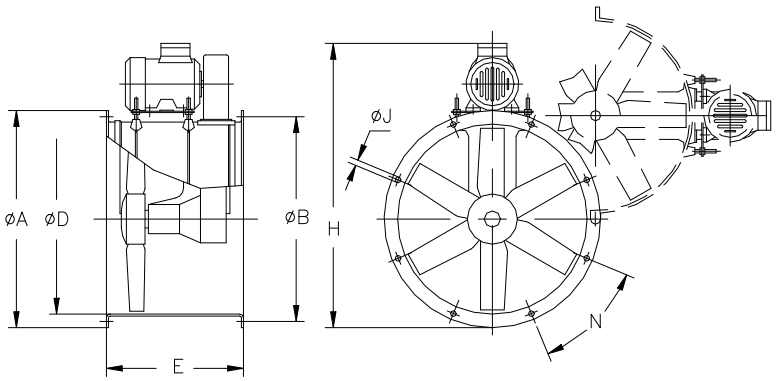
m³/hr

Example:

resistance in duct system / static pressure 150 Pa (Pascal)
wanted air capacity e.g.. 8.000 m³/hr ----->model code 56-4T-1
Attention please: here * the fan cannot work

Dimensions [mm]:

	A	B	D	E	H
DHPX-35-2T-0,75	425	395	355	380	609
DHPX-45-4T-0,5	540	500	460	420	740
DHPX-50-4T-1	600	560	512	420	803
DHPX-56-4T-1,5	660	620	560	450	870
DHPX-63-4T-2	730	690	640	500	950
DHPX-71-4T-3	810	770	710	550	1035
DHPX-80-4T-5,5	900	860	800	600	1200
DHPX-90-4T-7,5	1015	970	900	650	1320
DHPX-100-4T-15	1115	1070	1000	750	1513



Accessories



flanges DBTUB



support stand

protection grids

flex. doubleflanges

adapter to other duct-diameter

frequence converters
speed contrl