



DATASHEET

ENGLISH

OUR TRUE REVERSIBLE SERIES

Multi-Wing's innovative true reversing blades produce equal airflow in both directions because each is a true airfoil section. This advanced design can drive efficiencies up to 74 percent, which is significantly higher than other reversing profiles in the market today. With a diameter range of 325 to 1606 mm - the adjustable-pitch true reversing profile is a cost-effective, high-efficiency solution for a spectrum of applications.

Designed for reversing applications that require high pressure or high air flow, the true reversing profile is the perfect fan for the wood or brick drying kilns, ventilation and food processing industries. The Multi-Wing True Reversing profiles' rugged durability takes efficiency in a new direction.

Dimensions

TR7Z max. diameter mm	TR8Z max. diameter mm	No. of blades	Ø Bore Min.-max.	Length of hub mm
865	945	5	12-24	42 & 62
865	945	5	18,5-22	18
865	945	5	23-29	62
865	945	5	15-29	82
898	978	6	9,5-48	31, 42, 52, 62, 82 & 112
906	986	7	9,5-48	31, 42, 52, 62, 82 & 112
986	1066	8	9,5-48	31, 42, 52, 62, 82 & 112
920	1000	9	9,5-48	31, 42, 52, 62, 82 & 112
1000	1080	12	9,5-48	31, 42, 52, 62, 82 & 112
1095	1175	16	9,5-48	31, 42, 52, 62, 82 & 112

TR11W max. diameter mm	No. of blades	Ø Bore Min.-max.	Length of hub mm
1250	5 or 6	23-38	62
1250	5 or 6	27-38	82
1250	5 or 6	37-48, 50 & 55	112
1250	5 or 6	60, 65, 70, 75 & 80	142
1356	8	23-38	62
1356	8	27-38	82
1356	8	37-48, 50 & 55	112
1356	8	60, 65, 70, 75 & 80	142
1446	10	23-38	62
1446	10	27-38	82
1446	10	37-48, 50 & 55	112
1446	10	60, 65, 70, 75 & 80	142
1606	13	38, 42 & 48	112
1606	13	42, 45, 55, 65 & 75	142
1606	13	80	172

All dimensions are in mm

Design Features TR7Z & TR8Z

- 7 standard pitch angles ranging from 25° to 45°.
- Available for diameters between 325mm and 1175mm.
- 7 hub sizes (5, 6, 7, 8, 9, 12 & 16 blades all symmetrically arranged), each available in a range of bore/fixing configurations.

Design Features TR11W

- Adjustable pitch setting with 1° increment ranging from 25° to 50°.
- Available for diameters between 474mm and 1606mm.
- 5 hub sizes (5, 6, 8, 10 & 13 blades all symmetrically arranged), each available in a range of bore/fixing configurations.

Materials

The hub parts and blades are as standard manufactured in a pressure die cast silumin alloy EN AC-AI Si12 Cu1 (Fe).

The fan blades are available in AL and TR7Z is also available in PPG and PAG.

PPG Glass reinforced polypropylene
Temperature range: -10°C to +80°C

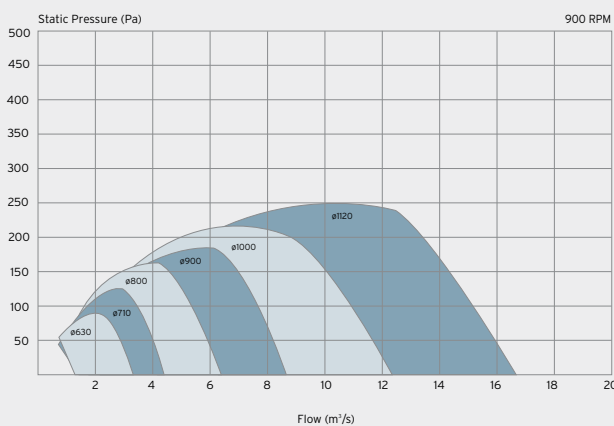
PAG Glass reinforced polyamide
Temperature range: -40°C to +110°C

AL Aluminium
Temperature range: -60°C to +245°C

Please observe penalty factors for operation above listed max temperatures. For further information on high temperature operation please refer to Multi-Wing's Optimiser programme.

We reserve the right to change the materials of manufacture. The values for the mechanical properties are mean values and can be subject to variations due to the use of different suppliers.

Selection guide



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