

DATASHEET

COOLING SOLUTIONS - FAN & CLUTCH

ENGLISH

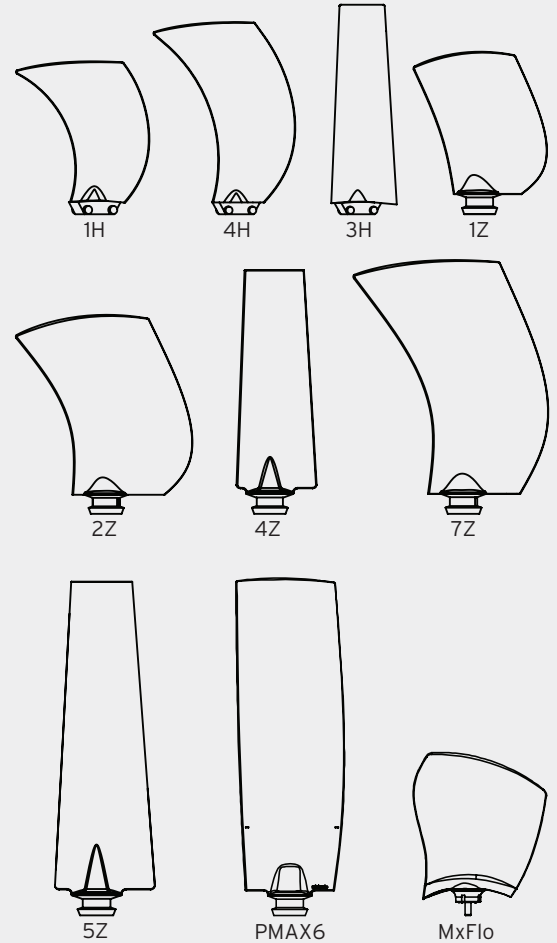
Multi-Wing designs high pressure customized fans specifically for your engine cooling challenges such as the stringent emissions requirements for Tier 4 / Stage IIIB. To optimize your design process we can now offer you a single source for fans and clutches.

Multi-Wing delivers the complete solution Fan & Clutch systems custom designed for customers' individual needs. This one-stop solution eliminates your burden of matching the systems yourself and thereby reduces interfaces and processes.

With a clutch fitted to the fan it is possible to regulate the speed and thereby optimize the cooling of the engine and at the same time reduce the fuel consumption.

Typical fan & clutch solution

Fan \ Clutch	T13	T35	T45	T65
Torque min-max [Nm]	5-21	16-32	25-44	34-66
Solution diameter range [mm]	350-550	500-700	500-700	700-1000
Speed [rpm]	2.500	2.500	2.500	2.000
10-10/1H*				
12-12/1H				
10-10/4H				
12-12/4H				
12-12/3H				
14-14/3H				
8-8/1Z				
8-8/2Z				
12-12/2Z				
8-8/4Z				
12-12/4Z				
8-8/7Z				
12-12/7Z				
16-16/7Z				
12-12/5Z				
16-16/5Z				
8-8/PMAX6				
12-12/PMAX6				
16-16/PMAX6				
9-9/MxFlo				



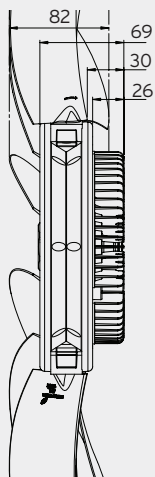
*Example of terminology: 10-10/1H = a 10-bladed 1H fan in a hub with max. 10 blades

Many more configurations are available. Contact your local sales person to learn more.

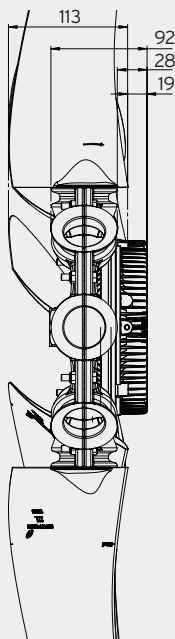
Flexible cooling solutions - the fan is completely customized as diameter and pitch angle can be optimized according the customer needs.

Examples of fan & clutch solutions

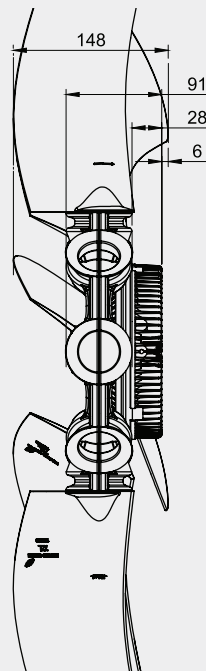
12-12/4H, T13



8-8/2Z, T35



8-8/7Z, T45



12-12/5Z, T65

