

Vittorazi Motors development  
Helix propeller extraction cooling device  
Test performed on the static test bench

PROPELLER CODE	DRILLING	DIAM	PULLEY	RATIO	Max RPM	Max Prop. RPM	T. Amb	Max CHT
H30F 1,15m L-NL-11-2	6 x M6 @ 60mm; 25.0 central hole	1,15	128/46.5	2,68	8300	3.097	20°C	200°C
H30F 1,15m L-NL-12-2	6 x M6 @ 60mm; 25.0 central hole	1,15	128/46.5	2,68	8150	3.041	20°C	200°C
H30F 1,20m L-NM-09-2	6 x M6 @ 60mm; 25.0 central hole	1,2	128/46.5	2,68	8025	2.994	20°C	205°C
H30F 1,25m L-NM-07-2	6 x M6 @ 60mm; 25.0 central hole	1,25	128/46.5	2,68	8275	3.088	20°C	190°C
H30F 1,25m L-NM-08-2	6 x M6 @ 60mm; 25.0 central hole	1,25	128/46.5	2,68	8050	3.004	20°C	205°C
H30F 1,30m L-NM-06-2	6 x M6 @ 60mm; 25.0 central hole	1,3	128/46	2,71	8225	3.035	20°C	195°C
H30F 1,15m L-NL-10-3	6 x M6 @ 60mm; 25.0 central hole	1,15	130/44	2,87	8050	2.805	20°C	195°C
H30F 1,20m L-NL-10-2	6 x M6 @ 60mm; 25.0 central hole	1,2	130/44	2,87	8150	2.840	20°C	200°C
H30F 1,25m L-NL-08-2	6 x M6 @ 60mm; 25.0 central hole	1,25	130/44	2,87	8125	2.831	25°C	205°C
H30F 1,30m L-NM-08-2	6 x M6 @ 60mm; 25.0 central hole	1,3	130/44	2,87	8300	2.892	25°C	202°C
H30F 1,30m L-NM-09-2	6 x M6 @ 60mm; 25.0 central hole	1,3	130/44	2,87	8125	2.831	25°C	209°C

Max CHT: 20 sec @ max RPM, starting from CHT 150°C

RIGHT GAP	MAX 8000 - 8200 RPM
GAP LIMIT	MAX 8200 - 8300 RPM
GAP LIMIT	MAX 7900 - 8000 RPM
DANGER	OVER THE GAP LIMIT