



Standard Propellers for Medium Speed Vessels



Highly Skewed Propeller HSP-3B

The HSP-3B series is designed for achieving low vibration and low noise. This Highly Skewed propeller can reduce stern vibration by 40% and reduce the noise in the cabin, thus improving the living quality of crews onboard. The HSP series is usually supplied in Ni- Al Bronze.



HSP-3B

Highly Skewed Propeller HSP-4B & HSP-5B

The HSP-4B and HSP-5B series have similar characteristic as the HSP-3B series. These propellers are designed for those customers who prefer to have very low vibration and noise in the cabin. The HSP-5B series have a larger blade area than either the HSP-3B or HSP-4B series. Thus, the HSP-5B series are more suitable for high power applications. These propellers are available in Ni- Al Bronze. from 30 inches to 120 inches diameters.



HSP-4B



HSP-3B
Dia 20" ~ 80"
E.A.R. 0.45
Up to 18 Knots



HSP-4B
Dia 20" ~ 120"
E.A.R. 0.60
Up to 18 Knots



HSP-5B
Dia 30" ~ 120"
E.A.R. 0.75
Up to 18 Knots



HSP-5B

Diameter		Hub Dimensions (Inches)			Standard Taper Bore (Inches)		3 blades	4 blades	5 blades
inches	mm	aft end	forward end	length	max bore	pilot bore	EAR: 0.45 Lbs	EAR: 0.60 Lbs	EAR: 0.75 Lbs
20	508	55	65	100	35	20	17	22	
21	533	65	75	110	40	25	20	26	
22	559	65	75	110	40	25	23	30	
23	584	70	80	120	50	35	27	35	
24	610	70	80	120	50	35	32	42	
25	635	85	95	120	55	40	39	51	
26	660	85	95	120	60	45	41	54	
27	686	90	105	140	65	45	49	64	
28	711	90	105	140	65	45	52	69	
30	762	100	120	150	70	55	66	87	106
32	813	100	120	150	75	55	78	102	124
34	864	115	130	160	85	55	94	124	151
36	914	120	140	160	95	65	109	143	174
38	965	130	150	180	95	65	132	174	212
40	1016	130	150	180	95	65	150	198	242
42	1067	140	160	180	95	65	176	231	282
44	1118	140	160	180	95	65	197	259	316
46	1168	155	175	185	100	70	230	302	368
48	1219	155	175	205	100	70	260	342	417
50	1270	170	190	230	115	80	301	396	483
52	1321	170	190	240	115	80	334	439	536
54	1372	170	190	250	115	90	366	482	588
56	1422	200	215	260	125	90	431	567	692
58	1473	200	215	275	125	100	471	620	756
60	1524	200	215	295	125	100	518	682	832
62	1575	230	255	295	150	100	604	795	970
64	1626	230	255	305	150	110	651	856	1044
66	1676	230	255	305	150	110	698	919	1121
68	1727	270	300	345	180	120	836	1100	1342
70	1778	270	300	345	180	120	891	1172	1430
72	1829	270	300	365	180	130	957	1259	1536
74	1880	270	300	365	180	150	1005	1323	1614
76	1930	270	300	365	180	150	1069	1407	1717
78	1980	270	300	365	180	150	1137	1496	1825
80	2030	285	320	430	190	150	1290	1697	2070

* size up to 120 inches