

Most Popular Engine Kiwiprop Installations ...

as at: Jan 2020

Quick Sizing Guide for most popular engines and drive trains with ogival trimmed foils ...

Engine Manufacturer	Model #'s	Drive	Saildrive Model	Normal Rotation	HP @ Max	Max rpm 1 Hour	Redn Ratio Ahead	Redn Ratio Astern	Shaft RPM @ Max	Diameter Nominal"	Pitch Deg °
Yanmar	2GM	Shaft		RH	15	3600	2.61	3.20	1379	14.50	22
Yanmar	2YM15 SD	Spline	SD20	LH	15	3600	2.64	2.64	1364	14.50	22
Yanmar	2GM20 / 3YM20	Shaft		RH	18	3600	2.21	3.20	1629	B 14.50	21
Yanmar	2GM20 / 3YM20	Shaft		RH	18	3600	2.61	3.20	1379	15.50	22
Yanmar	2GM20 / 3YM20 SD	Spline	SD20	LH	18	3600	2.64	2.64	1364	15.50	22
Yanmar	3GM SD	Spline	SD20	LH	22	3600	2.64	2.64	1364	B 15.50	22
Yanmar	3GM30 / 3YM30 / E	Shaft		RH	27	3600	2.61	3.20	1379	B 16.50	22
Yanmar	3GM30 / 3YM30 / E	Shaft		RH	27	3600	2.36	3.20	1525	16.00	21
Yanmar	3GM30 / 3YM30 / E	Shaft		RH	27	3600	2.21	3.20	1629	15.50	22
Yanmar	3GM30 / 3YM30 SD	Spline	SD20	LH	27	3600	2.64	2.64	1364	B 16.50	22
Yanmar	3YM30AE	Shaft		RH	29	3200	2.21	3.20	1448	B 16.00	21
Yanmar	3YM30AE	Shaft		RH	29	3200	2.61	3.20	1226	B 17.00	22
Yanmar	3YM30AE SD	Spline	SD20	LH	29	3200	2.64	2.64	1212	B 17.00	22
Yanmar	3JH2	Shaft		RH	38	3600	2.14	2.50	1682	16.00	21
Yanmar	3JH2	Shaft		RH	38	3600	2.83	2.50	1272	18.50	22
Yanmar	3JH3	Shaft		RH	38	3800	2.61	3.20	1456	17.00	23
Yanmar	3JH3 SD	Spline		LH	38	3800	2.31	3.20	1645	17.00	21
Yanmar	3JH4 / 3JH5	Shaft		RH	40	3000	2.36	3.04	1271	18.50	22
Yanmar	3JH4 / 3JH5 SD	Spline	SD40 / 50	LH	40	3000	2.31	2.31	1299	18.50	22
Yanmar	3JH4 / 3JH5 SD	Spline	SD60	LH	40	3000	2.23	2.23	1345	B 17.00	23
Yanmar	3JH4 / 3JH5 SD	Spline	SD60	LH	40	3000	2.23	2.23	1345	18.50	21
Yanmar	3JH4 / 3JH5 SD	Spline	SD60	LH	40	3000	2.49	2.49	1205	18.50	23
Yanmar	4JH2	Shaft		RH	51	3600	2.61	3.20	1379	19.50	22
Yanmar	4JH2 SD	Spline	SD40 / 50	LH	51	3600	2.31	2.31	1558	18.50	22
Yanmar	4JH3	Shaft		RH	55	3800	2.61	3.20	1456	19.50	23
Yanmar	4JH3 SD	Spline		LH	55	3800	2.31	2.31	1645	18.50	22
Yanmar	4JH4 / 4JH5	Shaft		RH	54	3000	2.36	3.04	1271	19.50	22
Yanmar	4JH4 / 4JH5 SD	Spline	SD40 / 50	LH	54	3000	2.31	2.31	1299	19.50	22
Yanmar	4JH4 / 4JH5 SD	Spline	SD60	LH	54	3000	2.23	2.23	1345	18.50	23
Yanmar	4JH4 / 4JH5 SD	Spline	SD60	LH	54	3000	2.49	2.49	1205	19.50	23
Volvo	D1-20	Shaft		LH	18	3200	2.37	2.37	1350	15.50	22
Volvo	D1-20SD	Spline	130S	LH	18	3200	2.19	2.19	1461	B 15.50	21
Volvo	D1-30	Shaft		LH	29	3200	2.37	2.37	1350	16.50	22
Volvo	D1-30SD	Spline	130S	LH	29	3200	2.19	2.19	1461	B 16.50	21
Volvo	D2-40	Shaft		LH	40	3200	2.14	2.14	1495	17.00	22
Volvo	D2-40SD	Spline	130S	LH	40	3200	2.19	2.19	1461	17.00	22
Volvo	D2-55	Shaft		LH	53	3200	2.27	2.20	1410	19.50	22
Volvo	D2-55SD	Spline	130S	LH	53	3200	2.19	2.19	1461	B 19.50	22
Volvo	2020	Shaft		LH	18	3600	2.37	2.37	1519	15.50	21
Volvo	2020 SD	Spline	130S	LH	18	3600	2.47	2.47	1457	15.50	21
Volvo	2030	Shaft		LH	29	3600	2.37	2.37	1519	16.50	21
Volvo	2030 SD	Spline	130S	LH	29	3600	2.47	2.47	1457	B 16.50	21
Volvo	2040	Shaft		LH	40	3600	2.14	2.14	1682	16.50	21
Volvo	2040 SD	Spline	130S	LH	40	3600	2.47	2.47	1457	17.00	22

NB: Catamaran installations will generally require an additional 1° of pitch to better match generally higher cruise speed

Engine Manufacturer	Model #'s	Drive	Saildrive Model	Normal Rotation	HP @ Max	Max rpm 1 Hour	Redn Ratio Ahead	Redn Ratio Astern	Shaft RPM @ Max	Diameter Nominal"	Pitch Deg °
Bukh	DV10ME	Shaft		RH	10	3000	2.50	2.50	1200	14.50	22
Bukh	DV20ME	Shaft		RH	20	3000	2.50	2.50	1200	16.50	22
Bukh	DV20SME	Spline		LH	20	3000	2.25	2.25	1333	16.00	21
Bukh	DV36SME	Spline		LH	36	3600	2.25	2.25	1600	16.50	22
Beta	Beta 25	Shaft		RH	25	3600	2.60	2.13	1385	15.50	22
Beta	V1505	Shaft		RH	34	3000	2.61	2.13	1149	B 17.00	23
Craftsman	CM4.43	Shaft		RH	43	3000	2.60	2.13	1154	18.50	22

FORD	Meteor II	Shaft	RH	50	3600	2.05	2.05	1756	17.00	22
Lombardini	LDW702M	Shaft	RH	18	3600	2.60	2.13	1385	14.00	20
Lombardini	LDW702M	Spline	LH	18	3600	2.18	2.18	1651	14.50	22
Lombardini	LDW1003M	Shaft	RH	28	3600	2.60	2.13	1385	16.00	22
Lombardini	LDW1003M	Spline	LH	28	3600	2.18	2.18	1651	15.50	21
Lombardini	LDW1404M	Shaft	RH	36	3600	2.60	2.13	1385	16.50	23
Lombardini	LDW1404M	Shaft	RH	36	3600	2.50	2.50	1440	17.00	22
Lombardini	LDW1404M	Spline	LH	36	3600	2.18	2.18	1651	B 15.50	22
Nanni	N3.21	Shaft	RH	21	3600	2.60	2.13	1385	14.50	22
Nanni	M3.21	Spline	LH	21	3600	2.47	2.47	1457	14.50	21
Nanni	N3.30	Shaft	RH	29	3600	2.60	2.13	1385	16.50	22
Nanni	N3.30	Spline	ZF SD10	29	3600	2.52	2.52	1429	16.50	22
Nanni	3.75HE	Shaft	RH	21	3600	2.60	2.13	1385	15.50	23
Nanni	3.75HE	Spline	ZF SD10	21	3600	2.52	2.52	1429	15.50	22
Nanni	3.100HE	Spline	SELVA	29	3600	2.20	2.20	1636	15.50	22
Nanni	4.150HE	Shaft	RH	37	3000	2.00	2.00	1500	17.00	21
Nanni	4.150HE	Spline	SP60	37	3000	2.15	2.15	1395	17.00	23
Sole	Mini 14	Shaft	RH	14	3000	1.90	1.90	1579	14.50	21
Sole	Mini 34	Shaft	RH	31	3000	2.20	2.20	1364	17.00	21
Thomycroft	T90	Shaft	RH	35	3000	1.79	1.79	1676	16.50	21
Universal	M25	Shaft	RH	21	3200	2.00	2.00	1600	14.50	22
Universal	M25XP	Shaft	RH	23	3200	2.00	2.00	1600	14.50	22
Universal	M35	Shaft	RH	30	3200	2.00	2.00	1600	15.50	22
Universal	M35	Shaft	RH	30	3200	1.79	1.79	1788	15.50	21
Universal	M35B	Shaft	RH	35	3000	1.79	1.79	1676	16.00	20
Universal	M35B	Shaft	RH	35	3000	1.88	1.88	1596	16.00	21
Vetus	M4.17	Shaft	RH	42	3000	2.00	2.00	1500	17.00	23
Westerbeke	W27A	Shaft	RH	27	3000	2.10	2.10	1429	B 16.00	21
Westerbeke	W46	Shaft	RH	46	3000	1.88	1.88	1596	17.00	22

NB: Yellow fill indicates lower redn ie higher shaft speeds in reverse which will constrain max reverse rpm