

Inboard shaft

ENGINE	TRANSMISSION TYPE	PROPSHAFT KW/HP	CRANKSHAFT KW/HP	RATED RPM	NO. OF CYL	DISPLACEMENT LITERS/IN ³	WEIGHT ⁵⁾ KG/LBS	LENGTH ¹⁾ MM/IN	WIDTH ¹⁾ MM/IN	HEIGHT ¹⁾ MM/IN	EMISSION CERTIFICATES
D1-13	MS15L/A	8.6/11.8	9.0/12.2	3200	2	0.5/31.1	111/245	662/26.1	483/19.0	517/20.4	1 4 6 7
D1-13	130S	8.6/11.8	9.0/12.2	3200	2	0.5/31.1	126/278	735/28.9	483/19.0	517/20.4	1 4 6 7
D1-20	MS15L/A	13/18	14/19	3200	3	0.8/46.5	132/291	692/27.3	470/18.5	535/21.1	1 4 6 7
D1-20	130S	13/18	14/19	3200	3	0.8/46.5	158/348	765/30.0	470/18.5	535/21.1	1 4 6 7
D1-30	MS15L/A	19/26	20/27	3200	3	1.1/68.9	140/309	728/28.2 ²⁾	482/19.0	560/22.1	1 4 6 7
D1-30	130S	19/26	20/27	3200	3	1.1/68.9	158/348	802/31.6	482/19.0	560/22.1	1 4 6 7
D2-40	MS15L/A	26/36	27/37	3200	4	1.5/92.1	177/390	811/31.9 ²⁾	482/19.0	574/22.6	1 4 6 7
D2-40	130S	26/36	27/37	3200	4	1.5/92.1	189/417	886/34.9	482/19.0	574/22.6	1 4 6 7
D2-50	MS25L/A	36/49	37.5/51	3000	4	2.2/134.2	243/536	890/34.0 ²⁾	520/20.5	687/27.1	1 4 6 7
D2-50	HS25A	36/49	37.5/51	3000	4	2.2/134.2	249/549	916/36.1 ²⁾	520/20.5	687/27.1	1 4 6 7
D2-50	130S	36/49	37.5/51	3000	4	2.2/134.2	253/558	930/36.6	520/20.5	687/27.1	1 4 6 7
D2-60	MS25L/A	42/58	44/60	3000	4	2.2/134.2	258/569	890/34.0 ²⁾	520/20.5	687/27.1	1 4 6 7
D2-60	HS25A	42/58	44/60	3000	4	2.2/134.2	264/582	916/36.1 ²⁾	520/20.5	687/27.1	1 4 6 7
D2-60	150S	42/58	44/60	3000	4	2.2/134.2	264/582	930/36.6	520/20.5	687/27.1	1 4 6 7
D2-75	MS25L/A	53/72	55/75	3000	4	2.2/134.2	258/569	890/34.0 ²⁾	520/20.5	687/27.1	1 4 6 7
D2-75	HS25A	53/72	55/75	3000	4	2.2/134.2	264/582	916/36.1 ²⁾	520/20.5	687/27.1	1 4 6 7
D2-75	150S	53/72	55/75	3000	4	2.2/134.2	264/582	930/36.6	520/20.5	687/27.1	1 4 6 7
D3-110	HS25AE	78/107	81/110	3000	5	2.4/146	297/655	1027/40.4 ²⁾	710/28.0	750/29.5	1 4 5 6 7
D3-110	HS45AE	78/107	81/110	3000	5	2.4/146	301/664	992/39.1 ²⁾	710/28.0	750/29.5	1 4 5 6 7
D3-110	HS63IVE	78/107	81/110	3000	5	2.4/146	335/739	1091/43.0 ²⁾	710/28.0	750/29.5	1 4 5 6 7
D3-150	HS45AE	106/144	110/150	3000	5	2.4/146	301/664	992/39.1 ²⁾	710/28.0	750/29.5	1 4 5 6
D3-150	HS63IVE	106/144	110/150	3000	5	2.4/146	335/739	1091/43.0 ²⁾	710/28.0	750/29.5	1 4 5 6
D3-170	HS45AE	121/165	125/170	4000	5	2.4/146	301/664	992/39.1 ²⁾	710/28.0	750/29.5	1 4 5 6 7*
D3-170	HS63IVE	121/165	125/170	4000	5	2.4/146	335/739	1091/43.0 ²⁾	710/28.0	750/29.5	1 4 5 6 7*
D3-200	HS45AE	143/194	147/200	4000	5	2.4/146	301/664	992/39.1 ²⁾	710/28.0	750/29.5	1 4 5 6
D3-200	HS63IVE	143/194	147/200	4000	5	2.4/146	335/739	1091/43.0 ²⁾	710/28.0	750/29.5	1 4 5 6
D3-220	HS45AE	157/213	162/220	4000	5	2.4/146	301/664	992/39.1 ²⁾	710/28.0	750/29.5	1 4 5 6
D3-220	HS63IVE	157/213	162/220	4000	5	2.4/146	335/739	1091/43.0 ²⁾	710/28.0	750/29.5	1 4 5 6
D4-180	HS45AE	128/174	132/180	2800	4	3.7/224	546/1204	1041/41.0 ²⁾	760/29.9	780/30.7	1 4 5 6
D4-180	HS63LE	128/174	132/180	2800	4	3.7/224	564/1243	1086/42.8 ²⁾	760/29.9	780/30.7	1 4 5 6
D4-180	HS63IVE	128/174	132/180	2800	4	3.7/224	580/1279	1139/44.8 ²⁾	760/29.9	780/30.7	1 4 5 6
D4-225	HS45AE	160/218	165/225	3500	4	3.7/224	546/1204	1041/41.0 ²⁾	760/29.9	780/30.7	1 4 5 6 7*
D4-225	HS63AE	160/218	165/225	3500	4	3.7/224	558/1230	1078/42.4 ²⁾	760/29.9	780/30.7	1 4 5 6 7*
D4-225	HS63IVE	160/218	165/225	3500	4	3.7/224	580/1279	1139/44.8 ²⁾	760/29.9	780/30.7	1 4 5 6 7*
D4-260	HS63AE	186/253	191/260	3500	4	3.7/224	558/1230	1078/42.4 ²⁾	760/29.9	780/30.7	1 4 5
D4-260	HS63IVE	186/253	191/260	3500	4	3.7/224	594/1310	1139/44.8 ²⁾	760/29.9	780/30.7	1 4 5
D4-300	HS63AE	212/288	221/300	3500	4	3.7/224	559/1232	1078/42.4 ²⁾	760/29.9	780/30.7	1 4 5
D4-300	HS63IVE	212/288	221/300	3500	4	3.7/224	595/1312	1139/44.8 ²⁾	760/29.9	780/30.7	1 4 5
D4-300	HS85AE	212/288	221/300	3500	4	3.7/224	580/1279	1104/43.5 ²⁾	760/29.9	780/30.7	1 4 5
D6-330	HS63AE	237/322	243/330	3500	6	5.5/336	656/1446	1314/51.7 ²⁾	760/29.9	780/30.7	1 4 5
D6-330	HS63IVE	237/322	243/330	3500	6	5.5/336	674/1486	1375/54.1 ²⁾	760/29.9	780/30.7	1 4 5
D6-330	HS85AE	237/322	243/330	3500	6	5.5/336	677/1493	1340/52.7 ²⁾	760/29.9	780/30.7	1 4 5
D6-330	HS85IVE	237/322	243/330	3500	6	5.5/336	721/1590	1424/56.1 ²⁾	760/29.9	780/30.7	1 4 5
D6-370	HS85AE	267/363	272/370	3500	6	5.5/336	677/1493	1340/52.7 ²⁾	760/29.9	780/30.7	1 4 5
D6-370	HS85IVE	267/363	272/370	3500	6	5.5/336	721/1590	1424/56.1 ²⁾	760/29.9	780/30.7	1 4 5
D6-435	HS85AE	310/422	320/435	3500	6	5.5/336	695/1532	1357/53.4 ²⁾	760/29.9	780/30.7	1 4 5
D6-435	HS85AE	310/422	320/435	3500	6	5.5/336	699/1541	1357/53.4 ²⁾	760/29.9	780/30.7	1 4 5
D6-435	HS85IVE	310/422	320/435	3500	6	5.5/336	732/1614	1444/56.8 ²⁾	760/29.9	780/30.7	1 4 5
D6-435	HS85IVE	310/422	320/435	3500	6	5.5/336	735/1620	1444/56.8 ²⁾	760/29.9	780/30.7	1 4 5
D6-435 WJ	-	-	320/435	3500	6	5.5/336	584/1287	1444/56.8 ²⁾	760/29.9	780/30.7	1 4 5
D8-550	-	392/534	405/550	2900	6	7.7/470	840/1852	1739/68.5 ²⁾	987/38.9	932/36.7	1 4 5
D8-600	-	428/582	441/600	3000	6	7.7/470	840/1852	1739/68.5 ²⁾	987/38.9	932/36.7	1 4 5
D11-625	-	446/607	460/625	2400	6	10.8/661	1145/2524	1310/51.6 ³⁾	940/37.0	1029/40.5	1 4 5
D11-670	-	478/650	493/670	2450	6	10.8/661	1145/2524	1310/51.6 ³⁾	940/37.0	1029/40.5	1 4 5
D11-725	-	517/703	533/725	2500	6	10.8/661	1145/2524	1310/51.6 ³⁾	940/37.0	1029/40.5	1 4 5
D13-800	-	562/765	588/800	2300	6	12.8/780	1450/3197	1420/55.9 ³⁾	1028/40.5	1083/42.6	1 4 5
D13-900	-	636/864	662/900	2300	6	12.8/780	1560/3439	1420/55.9 ³⁾	1089/42.9	1083/42.6	1 4 5
D13-1000	-	706/960	735/1000	2400	6	12.8/780	1635/3604	1447/57.0 ³⁾	1089/42.9	1083/42.6	1 4 5

Power according to ISO 8665. Merchant fuel may influence engine power output and fuel consumption. Not all models, standard equipment and accessories are available in all markets. Every effort has been made to ensure that facts and figures are correct at the time of publication. Volvo Penta reserves the right to make changes without prior notice. Products shown may differ from production models.

Emission regulation compliance

All diesel engines, and gasoline engines with catalytic converter, comply with EU RCD Stage II and USA Tier 3.

Easy Boating features

	Volvo Penta IPS	Aquamatic Sterndrive	Forward drive	Inboard shaft
Joystick Docking	●	● ²⁾	-	● ²⁾
Joystick Driving	●	● ²⁾	-	● ²⁾
Dynamic Positioning System	●	-	-	-
Battery Management System	●	●	●	●
Sportfish Mode	●	-	-	-
Autopilot	●	● ²⁾	-	● ²⁾
Volvo Penta Interceptor system	●	● ²⁾	-	●
Powertrim Assistant	-	-	●	-
Water Sport Control	-	● ⁴⁾	● ⁴⁾	-
Tow Mode	-	● ¹⁾	●	-
Glass Cockpit System	●	●	●	●
Trip computer	●	●	●	●
Cruise control	●	●	●	●
Single-lever Mode	●	● ²⁾	-	●
Low-speed Mode	●	-	-	● ³⁾

1) Single installations 2) Twin installations 3) D4-D13 4) Single gasoline installation

Volvo Penta IPS

MODEL	ENGINE	PROPSHAFT KW/HP	CRANKSHAFT KW/HP	RATED RPM	NO. OF CYL.	DISPLACEMENT LITERS/IN ³	WEIGHT ⁵⁾ KG/LBS	LENGTH ^{1,4)} MM/IN	WIDTH ¹⁾ MM/IN	HEIGHT ¹⁾ MM/IN	EMISSION CERTIFICATES
IPS350	D4	182/248	191/260	3500	4	3.7/224	780/1720	1978/77.9	760/29.9	780/30.7	1 4 5 S
IPS400	D4	212/289	221/300	3500	4	3.7/224	780/1720	1978/77.9	760/29.9	780/30.7	1 4 5 S
IPS450	D6	230/314	243/330	3500	6	5.5/336	863/1903	2214/87.2	760/29.9	780/30.7	1 4 5 S
IPS500	D6	259/352	272/370	3500	6	5.5/336	887/1955	2214/87.2	760/29.9	780/30.7	1 4 5 S
IPS600	D6	307/418	320/435	3500	6	5.5/336	901/1986	2231/87.8	760/29.9	780/30.7	1 4 5 S
D8-IPS700	D8	384/523	405/550	2900	6	7.7/470	1410/3109	2760/108.7	894/35.2	932/36.7	1 4 5 S
D8-IPS800	D8	419/570	441/600	3000	6	7.7/470	1410/3109	2760/108.7	894/35.2	932/36.7	1 4 5 S
IPS800	D11	435/591	459/625	2400	6	10.8/661	1800/3968	3060/120.0	966/38.0	1029/40.5	1 4 5 S
IPS950	D11	504/685	533/725	2500	6	10.8/661	1800/3968	3060/120.0	966/38.0	1029/40.5	1 4 5 S
IPS1050	D13	554/753	588/800	2300	6	12.8/780	2300/5060	3153/124.1	1124/44.3	1083/42.6	1 4 5 S
IPS1200	D13	624/848	662/900	2300	6	12.8/780	2300/5060	3153/124.1	1124/44.3	1083/42.6	1 4 5 S
D13-IPS1350	D13	693/942	735/1000	2400	6	12.8/780	2421/5337	3180/125.2	1124/44.3	1083/42.6	1 4 5 S

Diesel Aquamatic Sterndrive

ENGINE	DRIVE	PROPSHAFT KW/HP	CRANKSHAFT KW/HP	RATED RPM	NO. OF CYL.	DISPLACEMENT LITERS/IN ³	WEIGHT ⁵⁾ KG/LBS	LENGTH ^{1,4)} MM/IN	WIDTH ¹⁾ MM/IN	HEIGHT ¹⁾ MM/IN	EMISSION CERTIFICATES
D3-140	SX	98/133	103/140	4000	5	2.4/146	358/789	853/33.6	710/28.0	750/29.5	1 4 5 6 7 S
D3-140	DPS	98/133	103/140	4000	5	2.4/146	363/800	853/33.6	710/28.0	750/29.5	1 4 5 6 7 S
D3-170	SX	119/162	125/170	4000	5	2.4/146	358/789	853/33.6	710/28.0	750/29.5	1 4 5 6 7* S
D3-170	DPS	119/162	125/170	4000	5	2.4/146	363/800	853/33.6	710/28.0	750/29.5	1 4 5 6 7* S
D3-200	DPS	140/190	147/200	4000	5	2.4/146	363/800	853/33.6	710/28.0	750/29.5	1 4 5 6 S
D3-220	DPS	154/209	162/220	4000	5	2.4/146	363/800	853/33.6	710/28.0	750/29.5	1 4 5 6 S
D4-225	DPH	158/215	165/225	3500	4	3.7/224	644/1420	932/36.7	760/29.9	780/30.7	1 4 5 6 7* S
D4-260	DPH	184/250	191/260	3500	4	3.7/224	660/1455	932/36.7	760/29.9	780/30.7	1 4 5 6 S
D4-300	DPH	214/291	221/300	3500	4	3.7/224	663/1462	932/36.7	760/29.9	780/30.7	1 4 5 6 S
D6-330	DPH	233/317	243/330	3500	6	5.5/336	750/1653	1168/46.0	760/29.9	780/30.7	1 4 5 6 S
D6-370	DPH	261/355	272/370	3500	6	5.5/336	770/1698	1168/46.0	760/29.9	780/30.7	1 4 5 6 S
D6-400	DPH	281/382	294/400	3500	6	5.5/336	785/1731	1298/51.5	794/31.2	780/30.7	1 4 5 6 S

Gasoline Aquamatic Sterndrive

ENGINE	DRIVE	CRANKSHAFT KW/HP	MAX RPM	NO. OF CYL.	DISPLACEMENT LITERS/IN ³	COMPRESSION RATIO	WEIGHT ⁵⁾ KG/LBS	LENGTH ^{1,4)} MM/IN	WIDTH ¹⁾ MM/IN	HEIGHT ¹⁾ MM/IN	EMISSION CERTIFICATES
V6-200	SX	149/200	5800	V6	4.3/262	11.0:1	406/895	827/32.6	756/29.8	851/33.5	2 3 S
V6-200	DPS	149/200	5800	V6	4.3/262	11.0:1	408/899	827/32.6	756/29.8	851/33.5	2 3 S
V6-240	SX	179/240	5800	V6	4.3/262	11.0:1	406/895	827/32.6	756/29.8	851/33.5	2 3 S
V6-240	DPS	179/240	5800	V6	4.3/262	11.0:1	408/899	827/32.6	756/29.8	851/33.5	2 3 S
V6-280	SX	209/280	5800	V6	4.3/262	11.0:1	406/895	827/32.6	756/29.8	851/33.5	2 3 S
V6-280	DPS	209/280	5800	V6	4.3/262	11.0:1	408/899	827/32.6	756/29.8	851/33.5	2 3 S

Engines with catalytic converter

V6-200-C	SX	149/200	5800	V6	4.3/262	11.0:1	406/895	827/32.6	756/29.8	851/33.5	2 4 6 7 8 S
V6-200-C	DPS	149/200	5800	V6	4.3/262	11.0:1	410/903	827/32.6	756/29.8	851/33.5	2 4 6 7 8 S
V6-240-C	SX	179/240	5800	V6	4.3/262	11.0:1	408/899	827/32.6	756/29.8	851/33.5	2 4 6 7 8 S
V6-240-C	DPS	179/240	5800	V6	4.3/262	11.0:1	410/903	827/32.6	756/29.8	851/33.5	2 4 6 7 8 S
V6-240-CE	SX	179/240	5800	V6	4.3/262	11.0:1	410/903	827/32.6	756/29.8	851/33.5	2 4 6 7 8 S
V6-240-CE	DPS	179/240	5800	V6	4.3/262	11.0:1	412/908	827/32.6	756/29.8	851/33.5	2 4 6 7 8 S
V6-280-C	SX	209/280	5800	V6	4.3/262	11.0:1	408/899	827/32.6	756/29.8	851/33.5	2 4 6 8 S
V6-280-C	DPS	209/280	5800	V6	4.3/262	11.0:1	410/903	827/32.6	756/29.8	851/33.5	2 4 6 8 S
V6-280-CE	SX	209/280	5800	V6	4.3/262	11.0:1	410/903	827/32.6	756/29.8	851/33.5	2 4 6 8 S
V6-280-CE	DPS	209/280	5800	V6	4.3/262	11.0:1	412/908	827/32.6	756/29.8	851/33.5	2 4 6 8 S
V8-300-C	SX	224/300	5800	V8	5.3/323	11.0:1	448/988	915/36.0	758/29.9	822/32.4	2 4 6 8 S
V8-300-C	DPS	224/300	5800	V8	5.3/323	11.0:1	450/991	915/36.0	758/29.9	822/32.4	2 4 6 8 S
V8-300-CE	SX	224/300	5800	V8	5.3/323	11.0:1	450/991	915/36.0	758/29.9	822/32.4	2 4 6 8 S
V8-300-CE	DPS	224/300	5800	V8	5.3/323	11.0:1	452/996	915/36.0	758/29.9	822/32.4	2 4 6 8 S
V8-350-C	DPS	261/350	5800	V8	5.3/323	11.0:1	450/991	915/36.0	758/29.9	822/32.4	2 4 8 S
V8-350-CE	DPS	261/350	5800	V8	5.3/323	11.0:1	452/996	915/36.0	758/29.9	822/32.4	2 4 8 S
V8-380-C	DPS	283/380	6000	V8	6.2/376	11.5:1	455/1003	915/36.0	758/29.9	822/32.4	2 4 8 S
V8-380-CE	DPS	283/380	6000	V8	6.2/376	11.5:1	457/1008	915/36.0	758/29.9	822/32.4	2 4 8 S
V8-430-CE	DPS	321/430	6000	V8	6.2/376	11.5:1	457/1008	915/36.0	758/29.9	822/32.4	2 4 8 S

Volvo Penta Forward Drive

ENGINE	DRIVE	CRANKSHAFT KW/HP	MAX RPM	NO. OF CYL.	DISPLACEMENT LITERS/IN ³	COMPRESSION RATIO	WEIGHT ⁵⁾ KG/LBS	LENGTH ^{1,4)} MM/IN	WIDTH ¹⁾ MM/IN	HEIGHT ¹⁾ MM/IN	EMISSION CERTIFICATES
V6-240-C/CE	FWD	179/240	5800	V6	4.3/262	11.0:1	412/908	827/32.6	756/29.8	851/33.5	2 4 6 8 S
V6-280-C/CE	FWD	209/280	5800	V6	4.3/262	11.0:1	412/908	827/32.6	756/29.8	851/33.5	2 4 6 8 S
V8-300-C/CE	FWD	224/300	5800	V8	5.3/323	11.0:1	454/1001	915/36.0	758/29.9	822/32.4	2 4 6 8 S
V8-350-C/CE	FWD	261/350	5800	V8	5.3/323	11.0:1	454/1001	915/36.0	758/29.9	822/32.4	2 4 8 S
V8-380-C/CE	FWD	283/380	6000	V8	6.2/376	11.5:1	459/1013	915/36.0	758/29.9	822/32.4	2 4 8 S
V8-430-C/CE	FWD	321/430	6000	V8	6.2/376	11.5:1	459/1013	915/36.0	758/29.9	822/32.4	2 4 8 S

Notes

- Not for installation purposes.
- Distance between front end of engine and gearbox output flange.
- Distance between front end of engine and flywheel housing.
- Distance between front end of engine and inside transom.
- Weight with listed transmission.
- Local adaptation possible.
(D4-225: Certified crankshaft rating 147kW/200hp.) Please contact Volvo Penta Central Europe GmbH, Lyss, Switzerland for further information.

Exhaust Emission Certificates

- US/EPA Tier 3 (diesel engines)
- US/EPA (gasoline engines)
- RCD (EU Recreational Craft Directive)
- RCD Stage II (EU Recreational Craft Directive)
- IMO (diesel engines over 130kW)
- BSO II (single installation)
- BSO II (twin installation)
- CARB 4 Star (gasoline engines)

Sound Emission Certificates

- All Volvo Penta IPS and Aquamatic models are sound emission type approved according to EU Recreational Craft Directive (RCD) thanks to integral exhaust system.