

Unit	Nominal Speed (rpm)	Propeller Type	Propeller Diameter (mm)	V _{tip} (m/s)	Veth (kW)
VZ-200	1800	Open	Ø900	27	245
		Open	Ø1000	30	245
		Ducted	Ø900	27	245
VZ-320	1800	Open	Ø1100	31	330
		Ducted	Ø1050	29	330
VZ-320A	2100	Open	Ø1100	31	335
		Ducted	Ø1050	29	335
VZ-400A	1800	Open	Ø1100	32	380
		Ducted	Ø1030	30	417
VZ-400	1800	Open	Ø1250	31	470
		Ducted	Ø1130	28	470
VZ-550	1800	Open	Ø1350	31	555
		Ducted	Ø1250	29	555
VZ-700	1800	Open	Ø1500	31	707
		Ducted	Ø1400	29	716
VZ-900	1800	Open	Ø1600	29	804
		Open	Ø1700	31	908
		Ducted	Ø1600	29	968
		Ducted	Ø1700	31	968
VZ-900A	1600	Open	Ø1600	29	804
		Open	Ø1700	31	908
		Ducted	Ø1600	29	945
		Ducted	Ø1700	31	945
VZ-1100	1800	Open	Ø1900	32	1134
		Ducted	Ø1800	30	1272
		Ducted	Ø1900	32	1305
VZ-1100A	1600	Open	Ø1900	32	1134
		Ducted	Ø1800	30	1272
		Ducted	Ø1900	32	1305
VZ-1250	1800	Open	Ø2100	33	1385
		Ducted	Ø1900	30	1418
		Ducted	Ø2000	31	1425
		Ducted	Ø2100	33	1425
VZ-1250A	1600	Open	Ø2100	31	1385
		Ducted	Ø1900	28	1418
		Ducted	Ø2000	30	1425
		Ducted	Ø2100	31	1425
VZ-1250B ¹	1200	Open	Ø2100	29	1385
		Ducted	Ø1900	26	1418
		Ducted	Ø2000	28	1425
		Ducted	Ø2100	29	1425
VZ-1250C ¹	1000	Open	Ø2100	31	1385
		Ducted	Ø1900	28	1418
		Ducted	Ø2000	30	1425
		Ducted	Ø2100	31	1425
VZ-1250D ¹	900	Open	Ø2100	31	1385
		Ducted	Ø1900	28	1418
		Ducted	Ø2000	29	1425
		Ducted	Ø2100	31	1425
VZ-1250F ¹	750	Open	Ø2100	31	1385
		Ducted	Ø1900	28	1418
		Ducted	Ø2000	29	1425
		Ducted	Ø2100	31	1425

LRS (kW)		BV (kW)	ABS (kW)	RINA (kW)	DNV-GL (kW)
Inland	Seagoing				
245	245	233	207	216	165
245	245	233	207	216	165
245	245	233	207	216	165
245	245	233	207	216	165
330	330	319/330*	284/313*	319/330*	207
330	330	319/330*	284/313*	319/330*	207
335	335	319/335*	283/317*	319/335*	209
335	335	319/335*	283/317*	319/335*	209
380	380	380	380	380	333
417	417	417	392/416*	410/417*	370
417	417	468	416/432*	435/469*	345
417	417	468	416/432*	435/469*	345
484	484	555	555	484	420
484	484	555	555	484	420
707	707	688	616/634*	643/688*	480
716	716	688	616/634*	643/688*	480
804	804	804	804	804	800
908	908	908	908	908	800
945	945	968	968	958	800
945	945	968	968	958	800
804	804	804	804	804	790
908	908	876	869	869	790
958	958	876	869	869	790
958	958	876	869	869	790
1134	1134	1134	1118/1143*	1134	1110
1272	1272	1258/1272*	1118/1243*	1168/1272*	1110
1305	1305	1258/1305*	1118/1243*	1168/1305*	1110
1134	1134	1134	1134	1134	1110
1272	1272	1272	1272	1272	1110
1305	1305	1305	1291/1305*	1305	1110
1385	1385	1385	1289/1385*	1346/1385*	1197/1350*
1418	1418	1418	1289/1418*	1346/1418*	1197/1350*
1425	1425	1425	1289/1425*	1346/1425*	1197/1350*
1425	1425	1425	1289/1425*	1346/1425*	1197/1350*
1385	1385	1385	1291/1385*	1348/1385*	1181/1197*
1418	1418	1418	1291/1418*	1348/1418*	1181/1197*
1425	1425	1425	1291/1425*	1348/1425*	1181/1197*
1425	1425	1385	1291/1425*	1348/1425*	1181/1197*
1320	1320	1385	1307/1320*	1320	900
1320	1320	1418	1307/1321*	1320	900
1320	1320	1418	1307/1322*	1320	900
1320	1320	1420	1307/1323*	1320	900
1385	1385	1385	1325/1385*	1384/1385*	1089/1293*
1418	1418	1418	1325/1418*	1384/1418*	1089/1293*
1425	1425	1425	1325/1425*	1384/1425*	1089/1293*
1425	1425	1425	1325/1425*	1384/1425*	1089/1293*
1385	1385	1385	1329/1385*	1385	1038/1231*
1418	1418	1418	1329/1418*	1388/1418*	1038/1231*
1425	1425	1425	1329/1425*	1388/1425*	1038/1231*
1425	1425	1425	1329/1425*	1388/1425*	1038/1231*
1385	1385	1385	1310/1385*	1368/1385*	1075/1275*
1418	1418	1418	1310/1418*	1368/1418*	1075/1275*
1425	1425	1425	1310/1425*	1368/1425*	1075/1275*
1425	1425	1425	1310/1425*	1368/1425*	1075/1275*

Unit	Nominal Speed (rpm)	Propeller Type	Propeller Diameter (mm)	V _{tip} (m/s)	Veth (kW)
VZ-1550	1800	Open	Ø2400	33	1810
		Ducted	Ø2200	31	1901
		Ducted	Ø2300	32	1920
		Ducted	Ø2400	33	1920
VZ-1550A	1600	Open	Ø2400	33	1810
		Ducted	Ø2200	30	1901
		Ducted	Ø2300	32	1920
		Ducted	Ø2400	33	1920
VZ-1550C ¹	1000	Open	Ø2400	33	1810
		Ducted	Ø2200	31	1901
		Ducted	Ø2300	32	1920
		Ducted	Ø2400	33	1920
VZ-1550D ¹	900	Open	Ø2400	33	1810
		Ducted	Ø2200	31	1901
		Ducted	Ø2300	32	1920
		Ducted	Ø2400	33	1920
VZ-1550F ¹	750	Open	Ø2400	33	1810
		Ducted	Ø2200	30	1901
		Ducted	Ø2300	31	1920
		Ducted	Ø2400	33	1920
VZ-1800	1800	Open	Ø2600	34	2124
		Ducted	Ø2400	31	2262
		Ducted	Ø2500	32	2350
		Ducted	Ø2600	34	2350
VZ-1800A	1600	Open	Ø2600	33	2124
		Ducted	Ø2400	31	2262
		Ducted	Ø2500	32	2350
		Ducted	Ø2600	33	2350
VZ-1800B	1500	Open	Ø2600	33	2124
		Ducted	Ø2400	31	2262
		Ducted	Ø2500	32	2350
		Ducted	Ø2600	33	2350
VZ-1800D ¹	1200	Open	Ø2600	34	2124
		Ducted	Ø2400	31	2262
		Ducted	Ø2500	33	2350
		Ducted	Ø2600	34	2350
VZ-1800F ¹	1000	Open	Ø2600	33	2124
		Ducted	Ø2400	31	2262
		Ducted	Ø2500	32	2350
		Ducted	Ø2600	33	2350
VZ-1800G ¹	900	Open	Ø2600	33	2124
		Ducted	Ø2400	31	2262
		Ducted	Ø2500	32	2350
		Ducted	Ø2600	33	2350
VZ-1800H ¹	750	Open	Ø2600	33	2124
		Ducted	Ø2400	31	2262
		Ducted	Ø2500	32	2350
		Ducted	Ø2600	33	2350

LRS (kW)		BV (kW)	ABS (kW)	RINA (kW)	DNV-GL (kW)
Inland	Seagoing				
1810	1810	1810	1753/1810*	1830/1810*	1525
1901	1901	1901	1753/1901*	1830/1901*	1525
1920	1920	1920	1753/1920*	1830/1920*	1525
1920	1920	1920	1753/1920*	1830/1920*	1525
1810	1810	1810	1746/1810*	1822/1810*	1460
1901	1901	1901	1746/1901*	1822/1901*	1460
1920	1920	1920	1746/1920*	1822/1920*	1460
1920	1920	1920	1746/1920*	1822/1920*	1460
1810	1810	1810	1737/1810	1814/1810	1271/1351*
1901	1901	1901	1737/1901	1814/1901	1271/1351*
1920	1920	1920	1737/1915	1814/1920	1271/1351*
1920	1920	1920	1737/1915	1814/1920	1271/1351*
1810	1810	1810	1755/1810	1810	1315
1901	1901	1901	1755/1901	1832/1901	1315
1920	1920	1920	1755/1920	1832/1920	1315
1920	1920	1920	1755/1920	1832/1920	1315
1810	1810	1810	1755/1810	1793/1810	1285
1901	1901	1901	1718/1891	1793/1901	1285
1920	1920	1920	1718/1891	1793/1920	1285
1920	1920	1920	1718/1891	1793/1920	1285
2124	2124	2124	2124	2124	1913
2262	2262	2262	2256/2262*	2262	1913
2350	2350	2350	2256/2350*	2350	1913
2350	2350	2350	2256/2350*	2350	1913
2124	2124	2124	2124	2124	1815
2262	2262	2262	2249/2262*	2262	1815
2350	2350	2350	2249/2350*	2347/2350*	1815
2350	2350	2350	2249/2350*	2347/2350*	1815
2124	2124	2124	2124	2124	1815
2262	2262	2262	2240/2262*	2262	1815
2350	2350	2350	2240/2350*	2338/2350*	1815
2350	2350	2350	2240/2350*	2338/2350*	1815
2124	2124	2124	2112/2124*	2124	1540/1830*
2262	2262	2262	2112/2262*	2206/2262*	1540/1830*
2350	2350	2350	2112/2350*	2206/2350*	1540/1830*
2350	2350	2350	2112/2350*	2206/2350*	1540/1830*
2124	2124	2124	2124	2124	1743/2000*
2262	2262	2262	2244/2262*	2262	1743/2000*
2350	2350	2350	2244/2350*	2343/2350*	1743/2000*
2350	2350	2350	2244/2350*	2343/2350*	1743/2000*
2124	2124	2124	2124	2124	1706/2000*
2262	2262	2262	2223/2262*	2262	1706/2000*
2350	2350	2350	2223/2350*	2320/2350*	1706/2000*
2350	2350	2350	2223/2350*	2320/2350*	1706/2000*
2124	2124	2124	2124	2124	1953/2000*
2262	2262	2262	2244/2262*	2262	1953/2000*
2350	2350	2350	2244/2350*	2343/2350*	1953/2000*
2350	2350	2350	2244/2350*	2343/2350*	1953/2000*

¹ Concept design only; delivery time on request.

* Number applies when the upper and/or lower gears are shotpeened.

Ratings are in kilowatts (kW) and are based on both maximum blade load (400 kW/m² for open propeller and 500 kW/m² for ducted propellers) and maximum machinery power.

Unit	Nominal Speed (rpm)	Propeller Diameter (mm)		V _{tip} (m/s)	Veth (kW)
		Front	Aft		
VZ-160-CR	1800	Ø650	Ø585	28	155
VZ-250-CR	1800	Ø850	Ø765	27	325
VZ-250A-CR	2100	Ø850	Ø765	28	329
VZ-450-CR	1800	Ø1100	Ø990	25	475
		Ø1200	Ø1080	27	475
VZ-700-CR	1800	Ø1350	Ø1215	25	737
VZ-900-CR	1800	Ø1400	Ø1260	25	975
		Ø1450	Ø1305	26	995
		Ø1500	Ø1350	27	995
VZ-900A-CR	1600	Ø1400	Ø1260	25	938
		Ø1450	Ø1305	25	938
		Ø1500	Ø1350	26	938
VZ-1250-CR	1800	Ø1650	Ø1485	28	1355
		Ø1700	Ø1530	29	1425
VZ-1250A-CR	1600	Ø1650	Ø1485	30	1355
		Ø1700	Ø1530	31	1425
VZ-1550-CR	1800	Ø1900	Ø1710	28	1800
		Ø2000	Ø1800	30	2000

* Number applies when the upper and/or lower gears are shotpeened.
 Ratings are in kilowatts (kW) and are based on both maximum blade load (350 kW/m² for contra-rotating propellers, 400 kW/m² for open propellers and 500 kW/m² for ducted propellers) and maximum machinery power.

LRS (kW)		BV (kW)	ABS (kW)	RINA (kW)	DNV-GL (kW)
Inland	Seagoing				
on request	on request	on request	on request	on request	on request
341	285	312	279/288*	292/312*	174
350	289	317	383/292*	383/317*	176
435	435	441/475*	392/432*	410/435*	325
435	435	441/475*	392/432*	410/435*	325
694	694	677	611	637	632
958	958	975	933	958	845
958	958	985	933	958	845
958	958	985	933	958	845
869	869	876	869	869	765
869	869	876	869	869	765
869	869	876	869	869	765
1355	1355	1355	1256/1355*	1311/1355*	1304
1395	1395	1390	1256/1383*	1311/1390*	1304
1355	1355	1355	1355	1355	1328/1355*
1425	1425	1425	1377/1425*	1425	1425
1800	1800	1800	1735/1800*	1800	1581
2000	2000	2000	1735/1910*	1811/1920*	1581

MAIN PROPULSION RATINGS ELECTRIC-DRIVEN Z-DRIVES



Unit	Nominal Speed (rpm)	Propeller Type	Propeller Diameter (mm)	V _{tip} (m/s)	Veth (kW)	LRS (kW)		BV (kW)	ABS (kW)	RINA (kW)	DNV-GL (kW)
						Inland	Seagoing				
VZ-200	1800	Open	Ø900	27	254	254	248	254	245	254	165
		Open	Ø1000	30	265	265	248	260	245	260	165
		Ducted	Ø900	27	265	265	28	260	245	260	165
VZ-320	1800	Open	Ø1100	31	330	330	330	330	330	330	235
		Ducted	Ø1050	29	330	330	330	330	330	330	235
VZ-400	1800	Open	Ø1100	32	470	470	470	470	470	470	370
		Ducted	Ø1030	30	470	470	470	470	470	470	370
VZ-400A	1800	Open	Ø1250	31	380	380	380	380	380	380	345
		Ducted	Ø1130	28	425	425	425	425	425	425	345
VZ-550	1800	Open	Ø1350	31	555	555	555	555	555	555	420
		Ducted	Ø1250	29	555	555	555	555	555	555	420
VZ-700	1800	Open	Ø1500	31	707	707	707	707	707	707	480
		Ducted	Ø1400	29	770	770	738	770	735	770	480
VZ-900	1800	Open	Ø1600	29	804	804	804	804	804	804	800
		Open	Ø1700	31	908	908	908	908	908	908	800
		Ducted	Ø1600	29	968	968	968	968	968	968	800
		Ducted	Ø1700	31	968	968	968	968	968	968	800
VZ-900A	1600	Open	Ø1600	29	804	804	804	804	804	804	790
		Open	Ø1700	31	908	908	908	869	908	908	790
		Ducted	Ø1600	29	945	945	945	869	945	945	790
		Ducted	Ø1700	31	945	945	945	869	945	945	790
VZ-1100	1800	Open	Ø1900	32	1134	1134	1134	1134	1118/1143*	1134	1110
		Ducted	Ø1800	30	1272	1272	1272	1272	1272	1272	1110
		Ducted	Ø1900	32	1305	1305	1305	1305	1305	1305	1110
VZ-1100A	1600	Open	Ø1900	32	1134	1134	1134	1134	1134	1134	1110
		Ducted	Ø1800	30	1272	1272	1272	1272	1272	1272	1110
		Ducted	Ø1900	32	1305	1305	1305	1305	1305	1305	1110
VZ-1250	1800	Open	Ø2100	33	1385	1385	1385	1385	1385	1385	1375
		Ducted	Ø1900	30	1418	1418	1418	1418	1418	1418	1375
		Ducted	Ø2000	31	1425	1425	1425	1425	1425	1425	1375
		Ducted	Ø2100	33	1425	1425	1425	1425	1425	1425	1375
VZ-1250A	1600	Open	Ø2100	31	1385	1385	1385	1385	1385	1385	1186/1220*
		Ducted	Ø1900	28	1418	1418	1418	1418	1418	1418	1186/1220*
		Ducted	Ø2000	30	1425	1425	1425	1425	1425	1425	1186/1220*
		Ducted	Ø2100	31	1425	1425	1425	1425	1425	1425	1186/1220*
VZ-1550	1800	Open	Ø2400	33	1810	1810	1810	1810	1810	1810	1661
		Ducted	Ø2200	31	1901	1901	1901	1901	1901	1901	1661
		Ducted	Ø2300	32	1920	1920	1920	1920	1920	1920	1661
		Ducted	Ø2400	33	1920	1920	1920	1920	1920	1920	1661
VZ-1550A	1600	Open	Ø2400	33	1810	1810	1810	1810	1810	1810	1500
		Ducted	Ø2200	30	1901	1901	1901	1901	1901	1901	1500
		Ducted	Ø2300	32	1920	1920	1920	1920	1920	1920	1500
		Ducted	Ø2400	33	1920	1920	1920	1920	1920	1920	1500

* Number applies when the upper and/or lower gears are shotpeened.
 Ratings are in kilowatts (kW) and are based on both maximum blade load (400 kW/m² for open propeller and 500 kW/m² for ducted propellers) and maximum machinery power.

MAIN PROPULSION RATINGS ELECTRIC-DRIVEN Z-DRIVES



Unit	Nominal Speed (rpm)	Propeller Type	Propeller Diameter (mm)	V _{tip} (m/s)	Veth (kW)
VZ-1800	1800	Open	Ø2600	34	2124
		Ducted	Ø2400	31	2262
		Ducted	Ø2500	32	2350
		Ducted	Ø2600	34	2350
VZ-1800A	1600	Open	Ø2600	33	2124
		Ducted	Ø2400	31	2262
		Ducted	Ø2500	32	2350
		Ducted	Ø2600	33	2350
VZ-1800B	1500	Open	Ø2600	33	2124
		Ducted	Ø2400	31	2262
		Ducted	Ø2500	32	2350
		Ducted	Ø2600	33	2350

LRS (kW)		BV (kW)	ABS (kW)	RINA (kW)	DNV-GL (kW)
Inland	Seagoing				
2124	2124	2124	2124	2124	2000
2262	2262	2262	2262	2262	2000
2350	2350	2350	2350	2350	2000
2350	2350	2350	2350	2350	2000
2124	2124	2124	2124	2124	1815
2262	2262	2262	2262	2262	1815
2350	2350	2350	2350	2350	1815
2350	2350	2350	2350	2350	1815
2124	2124	2124	2124	2124	1815
2262	2262	2262	2262	2262	1815
2350	2350	2350	2350	2350	1815
2350	2350	2350	2350	2350	1815

Ratings are in kilowatts (kW) and are based on both maximum blade load (400 kW/m² for open propeller and 500 kW/m² for ducted propellers) and maximum machinery power.

MAIN PROPULSION RATINGS ELECTRIC-DRIVEN Z-DRIVES (CR)

Unit	Nominal Speed (rpm)	Propeller Diameter (mm)		V _{tip} (m/s)	Veth (kW)
		Front	Aft		
VZ-160-CR	1800	Ø650	Ø585	28	155
VZ-250-CR	1800	Ø850	Ø765	27	345
VZ-450-CR	1800	Ø1100	Ø990	25	480
		Ø1200	Ø1080	27	480
VZ-700-CR	1800	Ø1350	Ø1215	25	834
VZ-900-CR	1800	Ø1400	Ø1260	25	975
		Ø1450	Ø1305	26	995
		Ø1500	Ø1350	27	995
VZ-900A-CR	1600	Ø1400	Ø1260	25	938
		Ø1450	Ø1305	25	938
		Ø1500	Ø1350	26	938
VZ-1250-CR	1800	Ø1650	Ø1485	28	1355
		Ø1700	Ø1530	29	1425
VZ-1250A-CR	1600	Ø1650	Ø1485	30	1355
		Ø1700	Ø1530	31	1425
VZ-1550-CR	1800	Ø1900	Ø1710	28	1800
		Ø2000	Ø1800	30	2000

Ratings are in kilowatts (kW) and are based on both maximum blade load (350 kW/m² for contra-rotating propellers) and maximum machinery power.

LRS (kW)		BV (kW)	ABS (kW)	RINA (kW)	DNV-GL (kW)
Inland	Seagoing				
On request	On request	On request	On request	On request	On request
345	336	345	345	345	205
475	475	475	475	475	325
475	475	475	475	475	325
802	802	783	783	783	747
975	975	975	975	975	845
995	995	995	978	995	845
995	995	995	978	995	845
938	938	938	869	938	765
938	938	938	869	938	765
938	938	938	869	938	765
1355	1355	1355	1355	1355	1293
1425	1425	1425	1425	1425	1293
1355	1355	1355	1355	1355	1355
1425	1425	1425	1425	1425	1425
1800	1800	1800	1800	1800	1800
2000	2000	2000	2000	2000	1869

Unit	Nominal Speed (rpm)	Propeller Type	Propeller Diameter (mm)	V _{tip} (m/s)	Veth (kW)
VL-50	1800	Open	Ø450	29	61
		Ducted	Ø450	29	61
VL-90	1800	Open	Ø600	30	115
		Open	Ø650	33	135
		Ducted	Ø600	30	140
VL-180	1500	Open	Ø800		168
		Open	Ø700	29	154
	1800	Ducted	Ø700	29	192
VL-200	1500	Open	Ø900	38	254
		Open	Ø1000	43	265
		Ducted	Ø900	27	265
VL-320	1500	Open	Ø1100	31	370
		Ducted	Ø1050	30	370
VL-400A	1200	Open	Ø1100	33	380
		Ducted	Ø1030	31	417
VL-400	1500	Open	Ø1250	34	491
		Ducted	Ø1130	30	500
VL-550	900	Open	Ø1350	29	533
		Ducted	Ø1250	27	533
VL-550	1000	Open	Ø1350	32	555
		Ducted	Ø1250	30	555
VL-550	1500	Open	Ø1350	30	517
		Ducted	Ø1250	28	517
VL-700	1000	Open	Ø1500	32	707
		Ducted	Ø1400	30	760
VL-700	1500	Open	Ø1500	33	650
		Ducted	Ø1400	31	650
VL-900	900	Open	Ø1600	32	804
		Open	Ø1700	34	908
		Ducted	Ø1600	32	968
		Ducted	Ø1700	34	968
VL-1100	900	Open	Ø1900	33	1134
		Ducted	Ø1800	31	1272
		Ducted	Ø1900	33	1305
VL-1250	900	Open	Ø2100	32	1385
		Ducted	Ø1900	29	1418
		Ducted	Ø2000	31	1425
		Ducted	Ø2100	32	1425
VL-1550	750	Open	Ø2400	34	1810
		Ducted	Ø2200	31	1901
		Ducted	Ø2300	32	1920
		Ducted	Ø2400	34	1920
VL-1800	750	Open	Ø2600	32	2124
		Ducted	Ø2400	30	2262
		Ducted	Ø2500	31	2306
		Ducted	Ø2600	32	2306

LRS (kW)		BV (kW)	ABS (kW)	RINA (kW)	DNV-GL (kW)
Inland	Seagoing				
61	61	57	57	57	36
61	61	57	57	57	36
115	115	115	115	115	97/102*
135	135	135	133	139	97/102*
140	140	140	133/140*	139	97/102*
168	152	168	168	168	114
154	154	154	154	154	137
192	183	192	192	192	137
254	250	254	254	254	178
265	250	265	265	265	178
265	250	265	265	265	178
370	370	370	370	370	186
370	370	370	370	370	186
380	380	380	380	380	380
417	417	417	417	417	417
491	491	491	491	491	367
500	500	500	500	500	367
533	533	533	533	533	398
533	533	533	533	533	398
555	555	555	555	555	442
555	555	555	555	555	442
540	429	517	517	496	369
540	429	517	517	496	369
707	707	707	707	707	490
770	762	760	760	760	490
681	542	650	628	682	495
681	542	650	628	682	495
804	804	804	804	804	804
908	908	908	908	908	865
968	968	968	968	968	865
968	968	968	968	968	865
1134	1134	1134	1134	1134	1134
1272	1272	1272	1272	1272	1140
1305	1305	1305	1305	1305	1140
1385	1385	1385	1385	1385	1355
1418	1418	1418	1418	1418	1355
1425	1425	1425	1425	1425	1355
1425	1425	1425	1425	1425	1355
1810	1810	1810	1810	1810	1810
1901	1901	1901	1901	1901	1831
1920	1920	1920	1920	1920	1831
1920	1920	1920	1920	1920	1831
2124	2124	2124	2124	2124	2030
2262	2262	2262	2262	2262	2030
2306	2306	2306	2306	2306	2030
2306	2306	2306	2306	2306	2030

* Number applies when the upper and/or lower gears are shotpeened. Ratings are in kilowatts (kW) and are based on both maximum blade load (400 kW/m² for open propeller and 500 kW/m² for ducted propellers) and maximum machinery power.

Unit	Nominal Speed (rpm)	Propeller Diameter (mm)		V _{tip} (m/s)	Veth (kW)
		Front	Aft		
VL-160-CR	1500	Ø650	Ø585	28	183
VL-250-CR	1500	Ø850	Ø765	27	350
VL-450-CR	1200	Ø1100	Ø990	25	500
		Ø1200	Ø1080	27	500
VL-700-CR	900	Ø1350	Ø1210	28	850
VL-900-CR	900	Ø1400	Ø1260	27	975
		Ø1450	Ø1305	28	1000
		Ø1500	Ø1350	29	1000
VL-1250-CR	1000	Ø1650	Ø1485	28	1355
		Ø1700	Ø1530	29	1425
VL-1550-CR	750	Ø1900	Ø1710	29	1800
		Ø2000	Ø1800	30	2000

Ratings are in kilowatts (kW) and are based on both maximum blade load (350 kW/m² for contra-rotating propellers) and maximum machinery power.

LRS (kW)		BV (kW)	ABS (kW)	RINA (kW)	DNV-GL (kW)
Inland	Seagoing				
On request	On request	On request	On request	On request	On request
350	339	350	347	350	164
500	500	500	500	500	500
500	500	500	500	500	500
850	850	850	850	850	811
975	975	975	975	975	975
1000	1000	1000	1000	1000	1000
1000	1000	1000	1000	1000	1000
1355	1355	1355	1355	1355	1311
1425	1425	1425	1425	1425	1311
1800	1800	1800	1800	1800	1800
2000	2000	2000	2000	2000	1898

MAIN PROPULSION RATINGS L-DRIVES: (SEMI) INTEGRATED



Unit	Nominal Speed (rpm)	Propeller Type	Propeller Diameter (mm)	V _{tip} (m/s)	Veth (kW)
VL-90si	1500	Open	Ø600	30	113
		Open	Ø650	33	133
		Nozzled	Ø600	30	140
VL-180si	1500	Open	Ø700	24	154
		Open	Ø800	24	168
		Ducted	Ø700	27	168
	1800	Open	Ø700	29	154
		Open	Ø800	33	201
		Ducted	Ø700	29	192
VL-200si	1500	Open	Ø900	27	254
		Open	Ø1000	31	265
		Ducted	Ø900	27	265
VL-320si	1500	Open	Ø1100	31	370
		Ducted	Ø1050	30	370
VL-400si	1500	Open	Ø1250	34	491
		Ducted	Ø1130	30	500
VL-550si	900	Open	Ø1250	27	533
	1000	Ducted	Ø1130	27	555
VL-550i	900	Open	Ø1350	29	533
		Ducted	Ø1250	27	533
VL-700i	1000	Open	Ø1500	32	707
		Ducted	Ø1400	30	760
VL-900i	900	Open	Ø1600	32	804
		Open	Ø1700	34	908
		Ducted	Ø1600	32	968
		Ducted	Ø1700	34	968
VL-1100i	900	Open	Ø1900	33	1134
		Ducted	Ø1800	31	1272
		Ducted	Ø1900	33	1305
VL-1250i	900	Open	Ø2100	32	1385
		Ducted	Ø1900	29	1418
		Ducted	Ø2000	31	1425
		Ducted	Ø2100	32	1425
VL-1550i	750	Open	Ø2400	34	1810
		Ducted	Ø2200	31	1901
		Ducted	Ø2300	32	1920
		Ducted	Ø2400	34	1920
VL-1800i	750	Open	Ø2600	32	2124
		Ducted	Ø2400	30	2262
		Ducted	Ø2500	31	2306
		Ducted	Ø2600	32	2306

LRS (kW)		BV (kW)	ABS (kW)	RINA (kW)	DNV-GL (kW)
Inland	Seagoing				
113	113	113	113	113	102
133	133	133	133	133	102
140	140	140	133	139	102
154	152	154	154	154	114
168	152	168	168	168	114
168	152	168	168	168	114
154	152	154	154	154	114
201	183	201	201	201	137
192	183	192	192	192	137
254	250	254	254	254	178
265	250	265	265	265	178
265	250	265	265	265	178
370	370	370	370	370	246
370	370	370	370	370	246
491	491	491	491	491	375
500	500	500	500	500	375
533	533	533	533	533	398
555	555	555	555	555	442
533	533	533	533	533	398
533	533	533	533	533	398
707	707	707	707	707	490
760	760	760	760	760	490
804	804	804	804	804	804
908	908	908	908	908	865
968	968	968	968	968	865
968	968	968	968	968	865
1134	1134	1134	1134	1134	1134
1272	1272	1272	1272	1272	1140
1305	1305	1305	1305	1305	1140
1385	1385	1385	1385	1385	1355
1418	1418	1418	1418	1418	1355
1425	1425	1425	1425	1425	1355
1425	1425	1425	1425	1425	1355
1810	1810	1810	1810	1810	1810
1901	1901	1901	1901	1901	1831
1920	1920	1920	1920	1920	1831
1920	1920	1920	1920	1920	1831
2124	2124	2124	2124	2124	2030
2262	2262	2262	2262	2262	2030
2306	2306	2306	2306	2306	2030
2306	2306	2306	2306	2306	2030

Ratings are in kilowatts (kW) and are based on both maximum blade load (400 kW/m² for open propeller and 500 kW/m² for ducted propellers) and maximum machinery power.

MAIN PROPULSION RATINGS L-DRIVES: (SEMI) INTEGRATED (CR)



Unit	Nominal Speed (rpm)	Propeller Diameter (mm)		V _{tip} (m/s)	Veth (kW)
		Front	Aft		
VL-160si-CR	1500	Ø650	Ø585	28	166
VL-250si-CR	1500	Ø850	Ø765	27	350
VL-450si-CR	1200	Ø1100	Ø990	25	500
		Ø1200	Ø1080	27	500
VL-700i-CR	900	Ø1350	Ø1210	28	600
VL-720i-CR	900	Ø1350	Ø1210	28	850
VL-900i-CR	900	Ø1400	Ø1260	27	975
		Ø1450	Ø1305	28	1000
		Ø1500	Ø1350	29	1000
VL-1250i-CR	1000	Ø1650	Ø1450	28	1355
		Ø1700	Ø1530	29	1425
VL-1550i-CR	750	Ø1900	Ø1710	29	1800
		Ø2000	Ø1800	30	2000
VL-2550i-CR		Ø2500	Ø2250		3000

Ratings are in kilowatts (kW) and are based on both maximum blade load (350 kW/m² for contra-rotating propellers) and maximum machinery power.

LRS (kW)		BV (kW)	ABS (kW)	RINA (kW)	DNV-GL (kW)
Inland	Seagoing				
166	152	166	160	174	134
350	339	350	347	350	207
500	500	500	500	500	500
500	500	500	500	500	500
600	600	600	600	600	600
850	850	850	850	850	811
975	975	975	975	975	975
1000	1000	1000	1000	1000	1000
1000	1000	1000	1000	1000	1000
1355	1355	1355	1355	1355	1311
1425	1425	1425	1425	1425	1311
1800	1800	1800	1800	1800	1800
2000	2000	2000	2000	2000	1898
		3000			