

Industrial Engines for Off-Road applications

5 LITRE SERIES



8 LITRE SERIES



11 LITRE SERIES



13 LITRE SERIES



16 LITRE SERIES



Stage II / Tier 2*

Stage IIIA / Tier 3*

Tier 4f*

MAXIMUM POWER Engine	PEAK TORQUE		rpm	Nm	rpm	Displ. Litres	Length mm	Width mm	Height mm	Dry weight kg
	kW	Hp								
TAD540VE	105	143	2200	710	1400	5.1	968	921	982	511
TAD541VE	129	175	2200	810	1400	5.1	968	921	982	511
TAD542VE	160	218	2200	910	1450	5.1	968	921	982	511
TAD840VE	160	218	2200	1060	1350	7.7	1200	909	982	667
TAD841VE	185	252	2200	1160	1350	7.7	1206	909	982	667
TAD842VE	210	286	2200	1237	1350	7.7	1206	909	982	667
TAD843VE	235	320	2200	1310	1450	7.7	1206	909	982	667
TAD1140VE	235	320	2100	1581	1260	10.8	1309	913	1207	1036
TAD1141VE	265	360	2100	1785	1260	10.8	1309	913	1207	1036
TAD1142VE	285	388	1700	1938	1260	10.8	1309	913	1207	1036
TAD1340VE	256	348	2100	1790	1260	12.8	1373	870	1207	1267
TAD1341VE	275	374	2100	1905	1260	12.8	1373	870	1207	1267
TAD1342VE	310	422	2100	2000	1260	12.8	1373	870	1207	1267
TAD1343VE	332	452	2100	2119	1260	12.8	1373	870	1207	1267
TAD1344VE	352	479	2100	2248	1260	12.8	1373	870	1207	1267
TAD1345VE	394	536	2100	2325	1260	12.8	1373	870	1207	1267
TAD1640VE-B	405	551	1900	2760	1200	16.1	1580	899	1311	1359
TAD1641VE-B	450	612	1800	2910	1200	16.1	1580	899	1311	1359
TAD1642VE-B	515	700	1800	3220	1200	16.1	1580	899	1311	1359
TAD1643VE-B	565	768	1900	3260	1260	16.1	1580	899	1311	1437
TAD550VE	105	143	2200	710	1400	5.1	968	921	982	511
TAD551VE	129	175	2200	810	1400	5.1	968	921	982	511
TAD552VE	160	218	2200	910	1450	5.1	968	921	982	511
TAD850VE	160	218	2200	1060	1350	7.7	1206	909	982	667
TAD851VE	185	252	2200	1160	1350	7.7	1206	909	982	667
TAD852VE	210	286	2200	1237	1350	7.7	1206	909	982	667
TAD853VE	235	320	2200	1310	1450	7.7	1206	830	982	667
TAD1150VE	235	320	2100	1581	1260	10.8	1309	913	1227	1041
TAD1151VE	265	360	2100	1785	1260	10.8	1309	913	1227	1041
TAD1152VE	285	388	1700	1938	1260	10.8	1309	913	1227	1041
TAD1350VE	256	348	1900	1780	1260	12.8	1373	870	1207	1267
TAD1351VE	285	388	1900	1965	1200	12.8	1400	876	1200	1267
TAD1352VE	315	428	1900	2175	1200	12.8	1400	876	1200	1267
TAD1353VE	345	470	1900	2380	1200	12.8	1400	876	1200	1267
TAD1650VE-B	405	551	1900	2757	1260	16.1	1490	894	1351	1322
TAD1651VE	450	612	1900	2897	1260	16.1	1490	894	1351	1322
TAD570VE	105	143	2300	710	1200	5.1	946	870	992	556
TAD571VE	129	175	2300	810	1200	5.1	946	870	992	556
TAD572VE	160	218	2300	910	1450	5.1	946	870	992	556
TAD870VE	160	218	2200	1060	1200	7.7	1206	875	982	710
TAD871VE	185	252	2200	1160	1200	7.7	1206	875	982	710
TAD872VE	210	286	2200	1235	1350	7.7	1206	875	982	710
TAD873VE	235	320	2200	1310	1450	7.7	1206	875	982	710
TAD1170VE	235	320	2100	1581	1260	10.8	1309	913	1227	1041
TAD1171VE	265	360	2100	1785	1260	10.8	1309	913	1227	1041
TAD1172VE	285	388	1700	1938	1250	10.8	1309	913	1227	1041
TAD1371VE	285	388	1900	1965	1200	12.8	1400	876	1200	1267
TAD1372VE	315	428	1900	2175	1200	12.8	1400	876	1200	1267
TAD1373VE	345	469	1900	2380	1200	12.8	1400	876	1200	1267
TAD1374VE	375	510	1900	2595	1200	12.8	1400	876	1200	1267
TAD1375VE	405	551	1900	2650	1200	12.8	1400	876	1200	1267
TAD1670VE	405	551	1900	2750	1260	16.1	1490	894	1351	1322
TAD1671VE	450	612	1900	2900	1260	16.1	1490	894	1351	1322
TAD1672VE	515	700	1800	3200	1260	16.1	1490	894	1351	1322
TWD1683VE	585	796	1900	3650	1200	16.1	1676	1050	1362	1658

* Indication of emission standard.

Net engine performance acc. to ISO3046, BS5514, DIN6271 and in general SAEJ1349 net power

V O L V O P E N T A

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Stage V*

MAXIMUM POWER Engine	PEAK TORQUE		rpm	Nm	rpm	Displ. Litres	Length mm	Width mm	Height mm	Dry weight kg
	kW	Hp								
TAD580VE	105	143	2300	700	1300	5.1	968	809	992	547
TAD581VE	129	175	2300	800	1300	5.1	968	809	992	547
TAD582VE	160	218	2300	900	1300	5.1	968	809	992	547
TAD583VE	175	238	2300	950	1300	5.1	968	809	992	547
TAD880VE	160	218	2200	1050	1400	7.7	1207	889	1006	703
TAD881VE	185	252	2200	1150	1400	7.7	1207	889	1006	703
TAD882VE	210	286	2200	1225	1400	7.7	1207	889	1006	703
TAD883VE	235	320	2200	1300	1400	7.7	1207	889	1006	703
TAD884VE	250	340	2200	1330	1400	7.7	1207	889	1006	703
TAD1180VE	235	320	2100	1580	1400	10.8	1400	921	1227	1057
TAD1181VE	265	360	2100	1785	1400	10.8	1400	921	1227	1057
TAD1182VE	285	388	1800	1930	1400	10.8	1400	921	1227	1057
TAD1183VE	315	428	1700	1930	1400	10.8	1400	921	1227	1057
TAD1381VE	285	388	1900	1925	1200	12.8	1251	923	1200	1215
TAD1382VE	315	428	1900	2175	1200	12.8	1251	923	1200	1215
TAD1383VE	345	469	1900	2380	1200	12.8	1251	923	1200	1215
TAD1384VE	375	510	1900	2540	1200	12.8	1251	923	1200	1215
TAD1385VE	405	551	1700	2650	1200	12.8	1251	923	1200	1215
TWD1683VE	585	796	1900	3650	1200	16.1	1676	1050	1362	1658

* Indication of emission standard.

Net engine performance acc. to ISO3046, BS5514, DIN6271 and in general SAEJ1349 net power



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