

# INDUSTRIEMOTOREN für Off-Road-Anwendungen



## TAD 1353 GE

Turbocharged  
Type of intercooling  
A = Air-to-air  
W = Water-to-air  
Type of fuel  
D = Diesel fuel  
G = Gaseous Fuel  
Displacement indication (litre)  
Generation  
Version  
Type of application  
G = Gen Set  
V = Versatile industry application  
Exhaust emission certified

Net engine performance acc. to ISO3046, BS5514, DIN6271  
and in general SAEJ1349 net power  
**kWm** = kiloWatt mechanical, net with fan  
**kWe** = kiloWatt electrical = kWm × gen. eff.  
**kVA** = kiloVoltAmpere calculations based on a 0.8 power factor = kWe / 0.8

| Motor       | Max. Leistung   |     |      | Max. Drehmoment |      | Liter | Zylinder | Datenblatt |
|-------------|-----------------|-----|------|-----------------|------|-------|----------|------------|
|             | kW <sub>m</sub> | PS  | RPM  | Nm              | RPM  |       |          |            |
| TAD540VE    | 105             | 143 | 2200 | 710             | 1400 | 5     | 4        |            |
| TAD541VE    | 129             | 175 | 2200 | 810             | 1400 |       |          |            |
| TAD542VE    | 160             | 218 | 2200 | 910             | 1450 |       |          |            |
| TAD840VE    | 160             | 218 | 2200 | 1060            | 1350 | 8     | 6        |            |
| TAD841VE    | 185             | 252 | 2200 | 1160            | 1350 |       |          |            |
| TAD842VE    | 210             | 286 | 2200 | 1235            | 1350 |       |          |            |
| TAD843VE    | 235             | 320 | 2200 | 1310            | 1450 |       |          |            |
| TAD1140VE   | 235             | 320 | 2100 | 1581            | 1260 | 11    | 6        |            |
| TAD1141VE   | 265             | 360 | 2100 | 1785            | 1260 |       |          |            |
| TAD1142VE   | 285             | 388 | 1700 | 1938            | 1260 |       |          |            |
| TAD1340VE   | 256             | 348 | 2100 | 1770            | 1260 | 13    | 6        |            |
| TAD1341VE   | 275             | 374 | 2100 | 1905            | 1260 |       |          |            |
| TAD1342VE   | 310             | 422 | 2100 | 2005            | 1260 |       |          |            |
| TAD1343VE   | 332             | 452 | 2100 | 2143            | 1260 |       |          |            |
| TAD1344VE   | 352             | 479 | 2100 | 2248            | 1260 |       |          |            |
| TAD1345VE   | 394             | 536 | 2100 | 2325            | 1260 |       |          |            |
| TAD1640VE-B | 405             | 551 | 1900 | 2760            | 1200 | 16    | 6        |            |
| TAD1641VE-B | 450             | 612 | 1800 | 2910            | 1200 |       |          |            |
| TAD1642VE-B | 515             | 700 | 1800 | 3220            | 1200 |       |          |            |
| TAD1643VE-B | 565             | 770 | 1900 | 3260            | 1260 |       |          |            |

**Stage IIIA / Tier 3**

| Motor       | Max. Leistung   |     |      | Max. Drehmoment |      | Liter | Zylinder | Datenblatt |
|-------------|-----------------|-----|------|-----------------|------|-------|----------|------------|
|             | kW <sub>m</sub> | PS  | RPM  | Nm              | RPM  |       |          |            |
| TAD550VE    | 105             | 143 | 2200 | 710             | 1400 | 5     | 4        |            |
| TAD551VE    | 129             | 175 | 2200 | 810             | 1400 |       |          |            |
| TAD552VE    | 160             | 218 | 2200 | 910             | 1450 |       |          |            |
| TAD850VE    | 160             | 218 | 2200 | 1060            | 1350 | 8     | 6        |            |
| TAD851VE    | 185             | 252 | 2200 | 1160            | 1350 |       |          |            |
| TAD852VE    | 210             | 286 | 2200 | 1235            | 1350 |       |          |            |
| TAD853VE    | 235             | 320 | 2200 | 1310            | 1450 |       |          |            |
| TAD1150VE   | 235             | 320 | 2100 | 1581            | 1260 | 11    | 6        |            |
| TAD1151VE   | 265             | 360 | 2100 | 1785            | 1260 |       |          |            |
| TAD1152VE   | 285             | 388 | 1700 | 1938            | 1260 |       |          |            |
| TAD1350VE   | 256             | 348 | 1900 | 1780            | 1260 | 13    | 6        |            |
| TAD1351VE   | 285             | 388 | 1900 | 1965            | 1200 |       |          |            |
| TAD1352VE   | 315             | 428 | 1900 | 2175            | 1200 |       |          |            |
| TAD1353VE   | 345             | 470 | 1900 | 2380            | 1200 |       |          |            |
| TAD1650VE-B | 405             | 551 | 1900 | 2757            | 1260 | 16    | 6        |            |
| TAD1651VE   | 450             | 612 | 1900 | 2897            | 1260 |       |          |            |

| Motor     | Max. Leistung   |     |      | Max. Drehmoment |      | Liter | Zylinder | Datenblatt |
|-----------|-----------------|-----|------|-----------------|------|-------|----------|------------|
|           | kW <sub>m</sub> | PS  | RPM  | Nm              | RPM  |       |          |            |
| TAD580VE  | 145             | 143 | 2310 | 700             | 1300 | 5     | 4        |            |
| TAD581VE  | 129             | 175 | 2310 | 800             | 1300 |       |          |            |
| TAD582VE  | 160             | 218 | 2310 | 900             | 1300 |       |          |            |
| TAD583VE  | 175             | 238 | 2310 | 950             | 1300 |       |          |            |
| TAD880VE  | 160             | 218 | 2210 | 1050            | 1400 | 8     | 6        |            |
| TAD881VE  | 185             | 252 | 2210 | 1150            | 1400 |       |          |            |
| TAD882VE  | 210             | 286 | 2210 | 1225            | 1400 |       |          |            |
| TAD883VE  | 235             | 320 | 2210 | 1300            | 1400 |       |          |            |
| TAD884VE  | 250             | 340 | 2210 | 1330            | 1400 |       |          |            |
| TAD1180VE | 235             | 320 | 2100 | 1581            | 1400 | 11    | 6        |            |
| TAD1181VE | 265             | 361 | 2100 | 1785            | 1400 |       |          |            |
| TAD1182VE | 285             | 388 | 1800 | 1938            | 1400 |       |          |            |
| TAD1183VE | 315             | 428 | 1700 | 1938            | 1400 |       |          |            |
| TAD1381VE | 285             | 388 | 1900 | 1925            | 1200 | 13    | 6        |            |
| TAD1382VE | 315             | 428 | 1900 | 2130            | 1200 |       |          |            |
| TAD1383VE | 345             | 469 | 1900 | 2330            | 1200 |       |          |            |
| TAD1384VE | 375             | 510 | 1900 | 2540            | 1200 |       |          |            |
| TAD1385VE | 405             | 551 | 1710 | 2650            | 1200 |       |          |            |
| TWD1683VE | 585             | 796 | 1900 | 3650            | 1200 | 16    | 6        |            |