

Model	WD145E3TAD35	WD145E3TAD38	WD145E3TAD40	WD180E3TAD61	WD287E3TAD43
Rating power (kW)	353	382	402	608	432
Rated speed (r/min)	1500	1500	1500	1500	1500
Cylinder bore*piston stroke(mm)	138*160	138*160	138*160	152*165	138*160
Number of cylinders	6-cylinder in-line	6-cylinder in-line	6-cylinder in-line	6-cylinder in-line	12-cylinder V-type
Noise (dBA)	109*	109*	109*	110*	110*
FSU	≦ 1.5	≦ 1.5	≦ 1.5	≦ 1.5	≦ 1.5
Displacement(L)	14.5	14.5	14.5	18	28.7
Compression ratio	15.2	15.2	15.2	13.5	14.9
Intake mode	Turbo	Turbo	Turbo	Turbo	Turbo
Maximum inlet resistance (kPa)	6.2	6.2	6.2	6.2	6.2
Air combustion(m <sup>3</sup> /h)	2200	2380	2500	3720	3400
Maximum exhaust back pressure(kPa)	6	6	6	6	6
Exhaust Flow(m <sup>3</sup> /h)	4500	4900	5150	9860	5700
Exhaust gas temperature (°C)	≦ 700	≦ 700	≦ 700	≦ 700	≦ 600
Cooling	Radiator	Radiator	Radiator	Radiator	Radiator
Fan exhaust flow (m <sup>3</sup> /h)	25000	25000	25000	60000	52000
The total capacity of the cooling fluid (L)	64	70	70	100	142
The maximum water temperature (°C)	95	95	95	95	95
Thermostat thermostat range(°C)	72~84	72~84	72~84	72~84	72~84

<b>The maximum oil temperature (°C)</b>	100	100	100	105	100
<b>The total capacity of lubricating oil (L)</b>	40	40	40	70	50
<b>Minimum fuel consumption (g/kW.h)</b>	198	198	198	196	198
<b>Specific oil consumption (g/kW.h)</b>	≦ 0.67	≦ 0.67	≦ 0.67	≦ 0.48	≦ 0.67
<b>Fuel system</b>	Electronic control unit for high pressure common rail system				
<b>Flywheel teeth</b>	125	125	125	167	137
<b>Battery capacity (AH)</b>	2X150AH 12V	2X150AH 12V	2X150AH 12V	2X150AH 12V	2X195AH 12V
<b>Dimensions(L×W×H)mm</b>	2305*1403*1650	2305*1403*1650	2305*1403*1650	2670*1220*1622	2450*1550*1998
<b>PACKING (CM)</b>	220*110*155	220*110*155	220*110*155	267*122*162.2	225*165*170
<b>Net weight(tons)</b>	1.39	1.39	1.39	2.3	1.95
<b>oil (non-cold area)</b>	CF class 15W/40	CF class 15W/40	CF class 15W/40	CF class 15W/40	CF class 15W/40
<b>fuel (non-cold area)</b>	0 or -10	0 or -10	0 or -10	0 or -10	0 or -10

<b>Model</b>	<b>WD287E3TAD48</b>	<b>WD287E3TAD50</b>	<b>WD287E3TAD56</b>	<b>WD287E3TAD58</b>	<b>WD287E3TAD61</b>
<b>Rating power (kW)</b>	482	506	562	588	618
<b>Rated speed (r/min)</b>	1500	1500	1500	1500	1500
<b>Cylinder bore*piston stroke(mm)</b>	138*160	138*160	138*160	138*160	138*160
<b>Number of cylinders</b>	12-cylinder V-type	12-cylinder V-type	12-cylinder V-type	12-cylinder V-type	12-cylinder V-type
<b>Noise (dBA)</b>	110*	110*	110*	121*	121*
<b>FSU</b>	≦ 1.5	≦ 1.5	≦ 1.5	≦ 1.5	≦ 1.5

<b>Displacement(L)</b>	28.7	28.7	28.7	28.7	28.7
<b>Compression ratio</b>	16.8	16.8	14.9	15.2	15.2
<b>Intake mode</b>	Turbo	Turbo	Turbo	Turbo	Turbo
<b>Maximum inlet resistance (kPa)</b>	6.2	6.2	6.2	6.2	6.2
<b>Air combustion(m<sup>3</sup>/h)</b>	3800	3950	4300	4500	4600
<b>Maximum exhaust back pressure(kPa)</b>	6	6	6	6	6
<b>Exhaust Flow(m<sup>3</sup>/h)</b>	6450	6700	7300	7700	8000
<b>Exhaust gas temperature (°C)</b>	≦600	≦600	≦600	≦650	≦650
<b>Cooling</b>	Radiator	Radiator	Radiator	Radiator	Radiator
<b>Fan exhaust flow (m<sup>3</sup>/h)</b>	52000	52000	55000	55000	65000
<b>The total capacity of the cooling fluid (L)</b>	142	155	155	155	170
<b>The maximum water temperature (°C)</b>	95	95	95	95	95
<b>Thermostat thermostat range(°C)</b>	72~84	72~84	72~84	72~84	72~84
<b>The maximum oil temperature (°C)</b>	100	100	100	100	100
<b>The total capacity of lubricating oil (L)</b>	50	50	50	50	50
<b>Minimum fuel consumption (g/kW.h)</b>	198	198	198	198	198
<b>Specific oil consumption (g/kW.h)</b>	≦0.67	≦0.67	≦0.67	≦0.67	≦0.67

<b>Fuel system</b>	<b>Electronic control unit for high pressure common rail system</b>				
<b>Flywheel teeth</b>	137	137	137	137	137
<b>Battery capacity (AH)</b>	2X195AH 12V	2X195AH 12V	2X195AH 12V	2X195AH 12V	2X195AH 12V
<b>Dimensions(L×W×H)mm</b>	2450*1615*2018	2450*1615*2018	2480*1615*2018	2480*1615*2018	2539*1700*2018
<b>PACKING (CM)</b>	225*165*170	225*165*170	225*165*170	225*165*170	225*165*170
<b>Net weight(tons)</b>	1.95	2	2	2	2
<b>oil (non-cold area)</b>	CF class 15W/40	CF class 15W/40	CF class 15W/40	CF class 15W/40	CF class 15W/40
<b>fuel (non-cold area)</b>	0 or -10	0 or -10	0 or -10	0 or -10	0 or -10

<b>Model</b>	<b>WX287E3TAD68</b>	<b>WX287E3TAD73</b>
<b>Rating power (kW)</b>	682	730
<b>Rated speed (r/min)</b>	1500	1500
<b>Cylinder bore*piston stroke(mm)</b>	138*160	138*160
<b>Number of cylinders</b>	12-cylinder V-type	12-cylinder V-type
<b>Noise (dBA)</b>	121*	121*
<b>FSU</b>	≦1.5	≦1.5
<b>Displacement(L)</b>	28.7	28.7
<b>Compression ratio</b>	15.2	15.2
<b>Intake mode</b>	Turbo	Turbo
<b>Maximum inlet resistance (kPa)</b>	6.2	6.2
<b>Air combustion(m3/h)</b>	4900	5250
<b>Maximum exhaust back pressure(kPa)</b>	6	6

<b>Exhaust Flow(m3/h)</b>	10800	11500
<b>Exhaust gas temperature (°C)</b>	≦ 650	≦ 700
<b>Cooling</b>	Radiator	Radiator
<b>Fan exhaust flow (m3/h)</b>	65000	65000
<b>The total capacity of the cooling fluid (L)</b>	200	210
<b>The maximum water temperature (°C)</b>	95	95
<b>Thermostat thermostat range(°C)</b>	72~84	72~84
<b>The maximum oil temperature (°C)</b>	100	100
<b>The total capacity of lubricating oil (L)</b>	50	50
<b>Minimum fuel consumption (g/kW.h)</b>	200	200
<b>Specific oil consumption (g/kW.h)</b>	≦ 0.7	≦ 0.7
<b>Fuel system</b>	Electronic control unit for high pressure common rail system	
<b>Flywheel teeth</b>	137	137
<b>Battery capacity (AH)</b>	2X195AH 12V	2X195AH 12V
<b>Dimensions(L×W×H)mm</b>	2539*1700*2018	2539*1700*2018
<b>PACKING (CM)</b>	225*165*170	225*165*170
<b>Net weight(tons)</b>	2	2
<b>oil (non-cold area)</b>	CF class 15W/40	CF class 15W/40

<b>fuel (non-cold area)</b>	0 or -10	0 or -10
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