

VOLVO PENTA

Volvo Penta series



Volvo Engine Model	1500 rev/min							
	Standby power		Prime power		Fuel Consumption (l/hr)			
	KVA	KW	KVA	KW	50% prime power	75% prime power	100% prime power	100% standby power
TD520 GE	95.0	76.0	86.0	69.0	9.5	13.5	17.8	19.7
TAD531 GE	110.0	89.0	101.0	81.0	10.8	15.8	21.0	23.2
TAD532 GE	140.0	114.0	130.0	104.0	13.2	19.5	26.5	29.3
TAD731 GE	170.0	128.0	144.0	115.0	16.5	23.9	31.7	34.8
TAD732 GE	200.0	160.0	180.0	144.0	19.3	28.1	37.5	41.5
TAD733 G	220.0	179.0	204.0	163.0	21.1	31.1	41.9	46.7
TAD734 GE	275.0	222.0	252.0	202.0	28.0	39.1	49.1	54.2
TAD940 GE	300.0	244.0	277.0	222.0	27.2	39.0	53.1	59.3
TAD941 GE	350.0	286.0	326.0	260.0	32.2	46.4	62.5	69.5
TAD1342 GE	380.0	316.0	352.0	282.0	33.7	48.6	64.1	70.5
TAD1343 GE	400.0	331.0	376.0	301.0	35.8	51.9	68.8	76.4
TAD1344 GE	450.0	362.0	411.0	329.0	39.2	57.9	76.0	84.0
TAD1345 GE	500.0	401.0	455.0	364.0	43.1	64.0	84.9	93.6
TAD1640 GE	500.0	405.0	460.0	368.0	44.5	65.1	87.6	97.4
TAD1641 GE	550.0	445.0	505.0	404.0	47.9	70.7	95.7	106.0
TAD1642 GE	630.0	504.0	573.0	485.0	53.2	79.7	108.0	120.0
TWD1643 GE	700.0	560.0	637.0	509.0	59.4	89.1	120.6	133.0

Governor	Num of Cylinders	Cycle (stroke)	Bore(mm)	Stroke(mm)	Displacement (litres)	Compression Ratio	Injection	Aspiration	Lubrication Capacity (litres)	Capacity coolant (litres)	Dimension(mm)			Weight(kg)			
											Length	Width	Height	Alternator	Engine	Shise& Control panel	Total weight
E 4-L	4	108	130	4.76	18.0:1	D	TAC	13.0	20.0	2200	670	507	406	575	155	1136	
E 4-L	4	108	130	4.76	17.5:1	D	TAC	13.0	20.0	2400	670	502	492	575	155	1222	
E 6-L	4	108	130	7.15	18.0:1	D	TAC	20.0	24.0	2400	670	552	530	760	155	1445	
E 6-L	4	108	130	7.15	18.0:1	D	TAC	20.0	24.0	2400	670	552	530	760	155	1445	
E 6-L	4	108	130	7.15	18.0:1	D	TAC	34.0	38.0	2700	720	632	626	785	285	1696	
E 6-L	4	108	130	7.15	17.0:1	D	TAC	29.0	35.0	2700	720	630	727	764	285	1776	
E 6-L	4	120	138	9.36	20.2:1	D	TAC	40.0	41.0	2700	720	901	940	1015	285	2240	
E 6-L	4	120	138	9.36	17.4:1	D	TAC	40.0	41.0	3300	1100	951	940	1015	310	2265	
E 6-L	4	131	158	12.8	18.1:1	D	TAC	36.0	44.0	3300	1100	151	1024	1325	310	2659	
E 6-L	4	131	158	12.8	18.1:1	D	TAC	36.0	44.0	3500	1100	1751	1160	1325	310	2795	
E 6-L	4	131	158	12.8	18.1:1	D	TAC	36.0	44.0	3500	1100	1751	1160	1325	320	2805	
E 6-L	4	131	158	12.8	18.1:1	D	TAC	36.0	44.0	3500	1100	1751	1263	1325	320	2908	
E 6-L	4	144	165	16.1	17.5:1	D	TAC	48.0	93.0	3500	1100	2241	1263	1480	320	3063	
E 6-L	4	144	165	16.1	16.5:1	D	TAC	42.0	93.0	3750	1100	2241	1263	1480	320	3063	
E 6-L	4	144	165	16.1	16.5:1	D	TAC	48.0	93.0	3750	1180	2241	1543	1480	430	3453	
E 6-L	4	144	165	16.1	16.5:1	D	TWC	48.0	128.0	3750	1180	2285	1685	1700	430	3815	

