

Maintenance & Service Parts List

Engine Series	Engine Model	Idle RPM*	WOT RPM	Unit injector Setting $\pm 0,02$ (-0.05 for new copper ring)	Engine timing Setting	Timing belt Tension [N]	Valve clearance [mm] (inlet / exhaust)	Oil Capacity Including Filter [Litre]	Coolant capacity [Litre]	Fuel filter	Air filter	Oil filter	Timing belt						
SE	SE144E38	750	3800	8,85	3,59 $\pm 0,02$	New 600 ± 30 Used 520 ± 30	0,25 / 0,25	8.4	10,7	Long- 2177745-1 Short- 2203710-0	Z002100-3	2178582-1	2179985-0						
	SE126E25	630	2500	9,30				16	15,5	2180831-0	Z002100-4	2179817-0							
	SE156E26		2600	9,20															
	SE156E32		3200	9,40															
	SE156E34		3400	8,95															
	SE196E35		3500	8,95															
	SE236E40		4000	8,95															
	SE236S36		3600	8,84															
	SE266E40		4000	8,75															
	SE266S36		3600	8,84															
	SE286E40		4000	8,80															
	SE306J38		3800	8,75															
MO	MO54NA33	750	3300	8,12	3,20 $\pm 0,02$	New 600 ± 30 Used 520 ± 30	0,25 / 0,25	8	9,0	Long- 2177745-1 Short- 2203710-0	2203965-0	2178582-1	2178073-1						
	MO84K32		3200	8,52							Z002100-0								
	MO94K33		3300	8,52							→48228079 2178992-0								
	MO114K33		3300	8,52							48228080→ Z002100-3								
	MO144M38	3800	8,52	→48219069 2177468-0															
	MO144V38	3800	8,32	48219070→ 2178992-0															
	MO164M40	4000	8,42	→48228079 2178992-0															
	MO174V40	4000	8,82	48223071 →48226081 Long- 2177745-1 Short- 2203710-0							48223071 →48226081 2178992-0								
				482290001→ 2203946-0							482290001→ Z002100-4								
				MO126K25							630			2500	9,34	14,0	2179992-0	2180286-0	2179852-0 x2
				MO126M28										2800	8,62	13,0	2177745-1	Z002100-3	2179472-0
	MO156K25	2500	9,20	14,0										2179992-0	2180286-0	2179852-0 x2			
	MO166M28	2800	8,62	→682290760 10 L				13,0	2178992-1	2179472-0									
	MO166K28	2800	8,62							→68219175 2178992-0		2178582-1							
										68226173 →68226999 2178992-5									
	MO196K35	3500	8,52							2178992-1		2179472-0							
	MO236K42	4200	8,42							2178992-1		2179472-0							
	MO236K43	4300	8,52							→68219175 2178992-0		2178582-1							
										68226173 →68226999 2178992-5									
	MO256K43	4300	8,32							→68226999 2178992-0		→68226999 2178582-1							
68227001→ 2178992-1					68227001→ 2179472-0														
MO256H45	4500	8,32	2178992-1		2179985-0														
MO286H43	4300	8,75	14,0			2179992-0	Z002100-4			2179852-0 x2									
MO306H43WJ	4300	8,60	14,0			Z002100-4													

*Idle RPM set at factory, Higher Idle can be set during commissioning depending on application

Engine Model	Poly-V belt			V Belt				Anode	Raw water pump service kit	Engine Water pump
	Alternator only	Alternator + Water pump	Alternator + Water pump + Hydraulic pump	Raw water pump	Alternator 14V/28V 55A	Alternator 28V 80A	Hydraulic pump			
SE 4 Cylinder	2204062-0	2204061-0	2205726-0					2178413-1 x4	500871 Includes: Impeller, Gasket, Grease	Z002425-0
SE 6 Cylinder	2180926-0	2180927-0	2180887-0					→682340974 2181091-0 x1 2178413-1 x2 682340975→ 2178413-1 x3		Z026123-0
→482330249 MO 4 Cylinder	2205539-1 1005mm	2203742-1 1675mm	2203742-0 1855mm					2178413-1 x5 MO54NA33 x3 MO84K32 x3 MO94K33 x3		Z002425-0
482330250→	2204062-0 985mm	2204061-0 1660mm	2205726-0 1845mm							
MO126K25	2180091-0 923mm	2179928-0 1733mm	2179951-0 1885mm					2178413-1 x4		Z026010-0
MO126M28				9000440-0 1115mm	2309018-0 800mm	2177787-0 900mm	21777056-0 950mm	2178413-1 x5		Z002425-0
MO156K25	2180091-0 923mm	2179928-0 1733mm	2179951-0 1885mm					2178413-1 x4		Z026010-0
MO166M28				9000440-0 1115mm	2309018-0 800mm	2177787-0 900mm	2177056-0 950mm	2178413-1 x5		Z002425-0
MO166K28				→68222237 2174979-0 1050mm	2309018-0 800mm	2177787-0 900mm	2177056-0 950mm			
				9000440-0 1115mm			68224419→ 2309068-0 938mm			
MO196K35				→68222237 2174979-0 1050mm	2309018-0 800mm	2177787-0 900mm	68224419→ 2309068-0 938mm			
				9000440-0 1115mm						
MO236K42				9000440-0 1115mm	2309018-0 800mm	2177787-0 900mm	2177056-0 950mm			
MO236K43				→68222237 2174979-0 1050mm	2309018-0 800mm	2177787-0 900mm	2177056-0 950mm			
				9000440-0 1115mm			68224419→ 2309068-0 938mm			
MO256K43				9000440-0 1115mm	2309018-0 800mm	2177787-0 900mm	21777056-0 950mm			
MO256H45							68224419→ 2309068-0 938mm			
MO286H43	2180091-0 923mm	2179928-0 1733mm	2179951-0 1885mm					2178413-1 x4	Z026010-0	
MO306H43WJ										

Kit Auxiliary Alternator Poly-V belt					
Engine Series	Description	Length [mm]	Part no.	Quantity required	
SE 6 Cylinder	ME1205020 28V 150A	1690	2181320-0	x1	One of each per kit
	ME1205030 28V 110A	1060	2181241-0	x1	
MO 4 Cylinder	ME1011030 28V 150A ME1011020 28V 110A	1120	2040224-0	1	

Applicable all MO/SE - Marine engines					
Pre Fuel Filter replacement filter only	Glow Plug 12V	Glow plug 24V	Engine Oil 5 Litre Canister	Idler / timing belt tensioner pulley	Coolant 5 Litre Canister
2181036-0	2177492-5	2177492-6	Z060316-4	2178548-5	Z011785-0