Service Letter

SL2025-773

Four-stroke Small bore October 2025

Action code: WHEN CONVENIENT

Alternative dimensions of crankshaft and thrust bearings

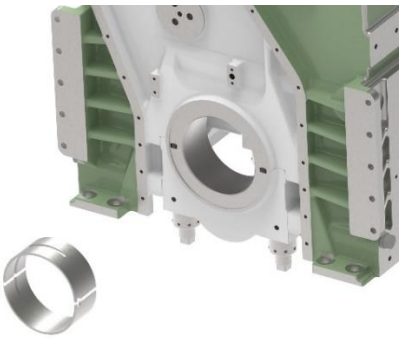
Concerns

GenSets: L16/24, L21/31(DF-M), L27/38, L23/30H, L23/30DF, L28/32H, L28/32DF
Propulsion: L21/31, L27/38, L23/30A, L28/32A, V28/32A
Stationary: L16/24S, L21/31S, L27/38S, L23/30S, L28/32S, V28/32S, V28/32H

References

SL2018-667, Ridge wear at crankpin journals
SL2025-774, Rework of crankshaft journals

By this service letter we would like to draw your attention to the available alternative dimensions of crankshaft and thrust bearings in case rework is carried out on the crankshaft journals or the area for the thrust bearings.



In case of inquiry for the above bearings please contact your local PrimeServ agent or our Everllence PrimeServ departments as follows:

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Alternative dimensions of crankshaft and thrust bearings

Main Bearing											
Engine Type	Inner Diameter (mm)										
	Original	Alternative									
L16/24	160	-	-	-	-	-	-	-	-	-	-
L21/31	200	199,5	199,0	198,5	198,0	197,5	197,0	196,5	196,0	195,5	195,0
L27/38	250	249,5	249,0	248,5	248,0	247,5	247,0	246,5	246,0	245,5	245,0
L23/30	210	209,5	209,0	208,5	208,0	205,0	-	-	-	-	-
L28/32	240	239,5	239,0	238,5	238,0	237,0	236,0	235,0	-	-	-
V28/32	260	259,5	259,0	258,5	258,0	257,0	256,0	255,0	-	-	-

Connecting Rod Bearing											
Engine Type	Inner Diameter (mm)										
	Original	Alternative									
L16/24		-	-	-	-	-	-	-	-	-	-
L21/31	190	189,5	189,0	188,5	188,0	187,5	187,0	186,5	186,0	185,5	185,0
L27/38	250	249,5	249,0	248,5	248,0	247,5	247,0	246,5	246,0	245,5	245,0
L23/30	185	184,5	184,0	183,5	183,0	182,0	181,0	180,0	-	-	-
L28/32	230	229,5	229,0	228,5	228,0	227,0	226,0	225,0	-	-	-
V28/32	230	229,5	229,0	228,5	228,0	227,0	226,0	225,0	-	-	-

Thrust Bearing											
Engine Type	Thickness (mm)										
	Original	Alternative									
L16/24	-	-	-	-	-	-	-	-	-	-	-
L21/31	12	12,25	12,50	13,0	-	-	-	-	-	-	-
L27/38	12	-	-	-	-	-	-	-	-	-	-
L23/30	6,45	6,95	7,45	7,95	-	-	-	-	-	-	-
L28/32	5,95	6,45	6,95	7,45	-	-	-	-	-	-	-
V28/32	5,95	6,45	6,95	7,45	-	-	-	-	-	-	-

Yours sincerely,

Susanne Kindt
Senior Vice President
Engineering

Kim Blichfeldt Kirkeby
Senior Manager
Engine Support