

MDS.23.00

# CL-625

## SELF LUBRICATED SLIDING BEARINGS



Sliding Layer	Intermediate Layer	Supporting Shell																
Special Coating. Treatment "Duritex ML". Colour Grey.	Crome Carbide 40 ÷ 60 µm.	<table><tr><td>C</td><td>0.10 % Max</td><td>Mo</td><td>8 - 10 %</td></tr><tr><td>Mn</td><td>0.05 % Max</td><td>Co</td><td>1 % Max</td></tr><tr><td>Cr</td><td>20 - 23 %</td><td>Nb</td><td>3.15 - 4.15 %</td></tr><tr><td>Ni</td><td>Rest</td><td></td><td></td></tr></table>	C	0.10 % Max	Mo	8 - 10 %	Mn	0.05 % Max	Co	1 % Max	Cr	20 - 23 %	Nb	3.15 - 4.15 %	Ni	Rest		
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Characteristics	
Working surface acceptable specific static pressure	Max 200 N/mm <sup>2</sup>
Working surface acceptable specific dynamic pressure	Max 100 N/mm <sup>2</sup>
Maximum sliding speed	0,50 m/s (100 fpm)
Working temperature	From -200°C to +430° C
Friction factor	From 0.07 to 0.13

Sliding Surface
CL-625 sliding bearings can be used with or without lubrication. For the applications where the lubrication can only be periodic grease must be adopted. Where the lubrication can be continuous a lubricant oil can be chosen.
Shaft
For proper bushing performance we suggest having a shaft roughness of 0.40 ÷ 0.80µm.
Items
<p>The CL-625 can be supplied as many technical items, between them we indicate the followings:</p> <ul style="list-style-type: none"> <li>Trust Washers</li> <li>Plain Bearings according to ISO 3547 or according to customer's design drawing</li> </ul>