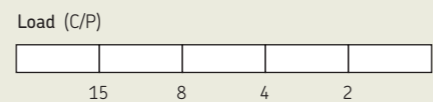


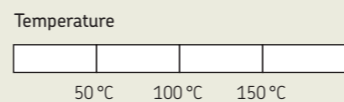
# SKF bearing grease selection chart

Grease	Description	Application examples	Load	Temperature	Speed	Thickener / Base Oil	NLGI	Base oil viscosity <sup>1)</sup>	Vertical shaft	Outer ring rotation	Oscillating movements	Severe Vibrations	Frequent start up	Rust inhibiting	
<b>LGMT 2</b>	General purpose industrial and automotive	Automotive wheel bearings Conveyors and fans	██████	██████	██████	Li/Min	2	110	●			+		+	Wide applications greases
<b>LGMT 3</b>	General purpose industrial and automotive	Vertical shaft or outer bearing ring rotation Car, truck and trailer wheel bearings	██████	██████	██████	Li/Min	3	125	+	●		+		●	
<b>LGEP 2</b>	Extreme pressure	Forming and press section of paper mills Heavy machinery, vibrating screens	██████	██████	██████	Li/Min	2	200	●		●	+	+	+	
<b>LGWA 2</b>	Wide temperature, extreme pressure	Wheel bearings in cars, trailers and trucks Electric motors	██████	██████	██████	Lix/Min	2	185	●	●	●	●	+	+	
<b>LGGB 2</b>	Biodegradable, low toxicity	Agricultural and forestry equipment Water treatment and irrigation	██████	██████	██████	Li-Ca/Ester	2	110	●		+	+	+	●	Special requirements
<b>LGBB 2</b>	Wind turbine blade and yaw bearing grease	Wind turbine blade and yaw slewing bearings	██████	██████	██████	Lix/PAO	2	68			+	+	+	+	
<b>LGLT 2</b>	Low temperature, extremely high speed	Textile and machine tool spindles Small electric motors and robots	██████	██████	██████	Li/PAO	2	18	●				●	●	Low temperatures
<b>LGWM 1</b>	Extreme pressure, low temperature	Main shaft of wind turbines Spherical roller thrust bearing applications	██████	██████	██████	Li/Min	1	200			+		+	+	
<b>LGWM 2</b>	High load, wide temperature	Main shaft of wind turbines Heavy duty off road or marine applications	██████	██████	██████	CaSx/Min-PAO	1-2	80	●	●	+	+	+	+	High loads
<b>LGEM 2</b>	High viscosity plus solid lubricants	Jaw crushers Construction machinery	██████	██████	██████	Li-Ca/Min	2	500	●		+	+	+	+	
<b>LGEV 2</b>	Extremely high viscosity with solid lubricants	Trunnion bearings Support and thrust rollers on rotary kilns and dryers	██████	██████	██████	Li-Ca/Min	2	1020	●		+	+	+	+	
<b>LGHB 2</b>	EP high viscosity, high temperature	Paper machines Work roll bearings and continuous casting in steel industry	██████	██████	██████	CaSx/Min	2	425	●	+	+	+	+	+	High temperatures
<b>LGHC 2</b>	High load, high temperature	Rolling stands Ball mills	██████	██████	██████	CaSx/Min	2	450	●	+	+	+	+	+	
<b>LGHP 2</b>	High performance polyurea grease	Electric motors Fans, even at high speed	██████	██████	██████	PU/Min	2-3	96	+			●	●	+	
<b>LGHQ 2</b>	Electric motor grease	Electric motors Fans	██████	██████	██████	PU/Min	2	110	+			●	+	●	
<b>LGET 2</b>	Extreme temperature	Ovens Textile dryers	██████	██████	██████	PTFE/PFPE	2	400	●	+	+	●	●	●	

<sup>1)</sup> mm<sup>2</sup>/s at 40 °C (105 °F) = cSt.



C = basic dynamic load rating, kN  
P = equivalent dynamic bearing load, kN



for ball bearings  
for roller bearings SRB/TRB/CARB  
for roller bearings CRB

30 000 75 000 210 000  
30 000 75 000 270 000

nd<sub>m</sub> = rotational speed, r/min x 0,5 (D+d), mm

● = Suitable  
+ = Recommended