

# LAMPIRAN

### LAMPIRAN 1. Tabel bahan *pinion*

Bahan	Perlakuan panas	Kekerasan permukaan minimum		Tegangan lentur yang diizinkan (kg/mm <sup>2</sup> )	Tegangan kontak yang diizinkan (kg/mm <sup>2</sup> )
		H <sub>B</sub>	H <sub>R C</sub>		
Baja	Celup dingin sementasi	625	60	22,7	189
	Celup dingin sementasi	575	55	22,7	151
	Celup dingin frekwensi tinggi	500	50	10,2	144
	Celup dingin dan temper	440		18,9	144
	Celup dingin dan temper	300		14,4	102
	Celup dingin dan temper	180		10,2	92
Besi cor	Pegecoran	200		5,3	49
	Pengecoran	175		3,1	38
	Pengecoran	—		2,0	23

### LAMPIRAN 2. Faktor layanan

The service factor ( $K_s$ ) is the product of various factors, such as load factor ( $K_1$ ), lubrication factor ( $K_2$ ) and rating factor ( $K_3$ ). The values of these factors are taken as follows:

1. Load factor ( $K_1$ )
  - = 1, for constant load
  - = 1.25, for variable load with mild shock
  - = 1.5, for heavy shock loads
2. Lubrication factor ( $K_2$ ) = 0.8, for continuous lubrication
  - = 1, for drop lubrication
  - = 1.5, for periodic lubrication
3. Rating factor ( $K_3$ )
  - = 1, for 8 hours per day
  - = 1.25, for 16 hours per day
  - = 1.5, for continuous service

**LAMPIRAN 3. Tabel 3.1**

[Ukuran umum]

Nomor rantai	Jarak bagi $P$	Diameter rol $R$	Lebar rol $W$	Plat mata rantai			Diameter pena $D$
				Tebal $T$	Lebar $H$	Lebar $h$	
50	15,875	10,16	9,53	2,0	15,0	13,0	5,09

[Ukuran individu]

Nomor rantai	Rangkaian	Panjang pena $L_1 + L_2$	$L_1$	$L_2$	Panjang pena offset $L$	Jarak sumbu rangkaian $C$	Jenis pena	Batas kekuatan tarik JIS (kg)	Batas kekuatan tarik rata-rata (kg)	Beban maksimum yang diizinkan (kg)	Berat kasar (kg/m)	Jumlah sambungan setiap satuan
# 50	1	22,3	10,3	12,0	22,5	18,1	Keling	2210	3200	520	1,04	192
# 50-2	2	40,5	19,35	21,15	41,8		"	4420	6400	880	2,07	
# 50-3	3	58,6	28,4	30,2	59,9		"	6630	9600	1300	3,09	
# 50-4	4	76,7	37,45	39,25	78,1		"	8840	12800	1710	4,11	
# 50-5	5	94,8	46,5	48,3	96,2		"	11050	16000	2020	5,14	
# 50-6	6	113,0	55,6	57,4	114,4		"	13260	19200	2390	6,16	