



SURFACE ENLARGEMENT

CW08 PPROFILE
CUTAWAY VIEW



CW09 PROFILE
CUTAWAY VIEW



- 1. SOLID LUBRICANT
0.4 ~ 0.6 mm
- 2. SINTERED BRONZE ALLOY
0.6 ~ 0.7mm
- 3. STEEL BACKING
0.5 ~ 2.0mm
- 4. ELECTRO - PLATING COPPER
0.008mm
- 1. SOLID LUBRICANT
0.4 ~ 0.6mm
- 2. PHOSPHOR - BRONZE BACKING
1.0 ~ 2.5mm

CW08 / CW09 TECHNICAL PROPERTIES

MECHANICAL PERFORMANCE

TYPE	TENSILE N/mm ²	YIELD STRENGTH N/mm ²	ELONGATION %	HARDNESS HB
CW08	420	230	> 10.0	70 ~ 90
CW09	450	250	> 12.0	90 ~ 110

PHISICAL

TYPE	SP. GR g/cm ³	LINEAR EXPANSION 20 ~ 250°C 10 ⁻⁶ /°C	HEAT CONDUCTIVITY 20° w/m x k	ELECTRICITY CONDUCTIVITY 20°C m/ohm x mm ²	ELASTIC MODULUS KN/mm ²	FRICITION COEFFICIENT μ
CW08	7.8	22	76	9	100	< 0.08 (OIL) < 0.22 (DRY)
CW09	8.3	20	62	7	110	< 0.10 (OIL) < 0.25 (DRY)

LOAD CAPACITY

TYPE	MAX.DYNAMIC LOAD N/mm ²	MAX SLIDING SPEED m/s	MAX. TEMP. °C	WORK CONDITION
CW08 DRY	70	0.40	250	MEDIUM LOAD AND SPEED
CW08 OIL	90	2.00	200	MEDIUM LOAD AND SPEED
CW09 DRY	80	0.20	250	HIGH LOAD AND LOW SPEED
CW09 OIL	100	1.00	200	HIGH LOAD AND LOW SPEED

TOLERANCE OF BUSH SIZE

NOMINAL SIZE	10 < 18	> 18 < 30	> 30 < 50	> 50 < 80	> 80 < 120	> 120 < 180
OUTSIDE TOLERANCE	+0.030 +0.065	+0.035 +0.075	+0.045 +0.085	+0.055 +0.100	+0.070 +0.120	+0.100 +0.170
DIMENSION IN H7 HOUSING	+ 0.043 (H9) + 0	+ 0.052 (H9) + 0	+ 0.062 (H9) + 0	+ 0.074 (H9) + 0	+ 0.087 (H9) + 0	+ 0.010 (H9) + 0