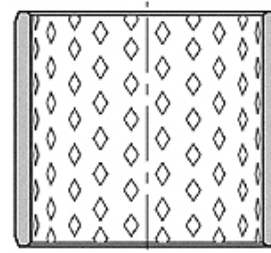
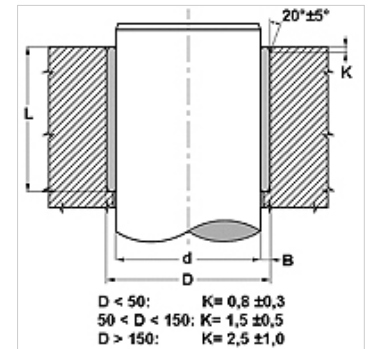


Properties

Design	Multi-lubrication friction bearing in rolled bronze
Construction type	The bushes are suitable for rotational and oscillating movements
pv	for grease lubrication: 2.8 N/mm ² x m/s for oil lubrication: 10 N/mm ² x m/s
Permissible load	static: 140 N/mm ² Rotation, oscillation: 70 N/mm ²
Sliding speed max.	1,0 m/s
Friction coefficient	lubricated: 0.05 to 0.15
Thermal expansion coefficient	11 x 10 ⁻⁶ K ⁻¹
Coefficient of thermal conductivity	> 60 W (m x K) ⁻¹
Temp. min.	-50 °C
Temp. max.	150 °C
Surface pressure	140 (≤ N/mm ²)
Material	CuSn8 bronze
Application	Hydraulics
Standard	ISO 3547 DIN 1494



Toleranz / Tolerance		
d	D	L
f7	H7	±0,25



Note

An initial lubrication with grease is recommended and continual lubrication significantly increases the service life of the friction bearing.
Peak to valley height of shaft to be observed Ra < 0.8 µm.
Hardness of shaft to be observed 150 < HB < 600.

Description

Maintenance-free operation.
Multi-lubricationable.
Not suitable for dirty conditions.
Shock and vibration resistant.
High permitted load.
Good friction characteristics.
No water absorption.
low play during operation.
Extremely space-saving.

Item

Identification	d (mm)	D (mm)	L (mm)
BK 090-10 10	10	12	10
BK 090-14 15	14	16	15
BK 090-15 15	15	17	15
BK 090-16 20	16	18	20
BK 090-16 25	16	18	25
BK 090-18 15	18	21	15
BK 090-20 15	20	23	15
BK 090-20 20	20	23	20
BK 090-20 25	20	23	25
BK 090-20 30	20	23	30
BK 090-22 20	22	25	20
BK 090-22 25	22	25	25
BK 090-22 30	22	25	30
BK 090-25 15	25	28	15
BK 090-25 20	25	28	20
BK 090-25 25	25	28	25
BK 090-25 30	25	28	30
BK 090-28 20	28	31	20
BK 090-28 25	28	31	25
BK 090-28 30	28	31	30
BK 090-30 20	30	34	20
BK 090-30 25	30	34	25



BK 090

Sliding bush BK090

Item			
Identification	d (mm)	D (mm)	L (mm)
BK 090-30 30	30	34	30
BK 090-30 40	30	34	40
BK 090-32 20	32	36	20
BK 090-32 30	32	36	30
BK 090-32 40	32	36	40
BK 090-35 15	35	39	15
BK 090-35 20	35	39	20
BK 090-35 30	35	39	30
BK 090-35 35	35	39	35
BK 090-35 40	35	39	40
BK 090-35 50	35	39	50
BK 090-40 20	40	44	20
BK 090-40 25	40	44	25
BK 090-40 30	40	44	30
BK 090-40 40	40	44	40
BK 090-40 50	40	44	50
BK 090-45 20	45	50	20
BK 090-45 25	45	50	25
BK 090-45 30	45	50	30
BK 090-45 40	45	50	40
BK 090-45 50	45	50	50
BK 090-45 60	45	50	60
BK 090-50 30	50	55	30
BK 090-50 40	50	55	40
BK 090-50 50	50	55	50
BK 090-50 60	50	55	60
BK 090-55 20	55	60	20
BK 090-55 40	55	60	40
BK 090-55 50	55	60	50
BK 090-55 60	55	60	60
BK 090-60 30	60	65	30
BK 090-60 35	60	65	35
BK 090-60 40	60	65	40
BK 090-60 50	60	65	50
BK 090-60 60	60	65	60
BK 090-65 40	65	70	40
BK 090-65 50	65	70	50
BK 090-65 60	65	70	60
BK 090-70 40	70	75	40
BK 090-70 50	70	75	50
BK 090-70 60	70	75	60
BK 090-70 70	70	75	70
BK 090-70 80	70	75	80
BK 090-75 40	75	80	40
BK 090-75 60	75	80	60
BK 090-75 80	75	80	80
BK 090-80 40	80	85	40
BK 090-80 50	80	85	50
BK 090-80 60	80	85	60
BK 090-80 80	80	85	80
BK 090-85 40	85	90	40
BK 090-85 80	85	90	80
BK 090-90 50	90	95	50
BK 090-90 60	90	95	60
BK 090-90 90	90	95	90
BK 090-100 50	100	105	50
BK 090-100 60	100	105	60
BK 090-110 60	110	115	60
BK 090-120 50	120	125	50
BK 090-130 60	130	135	60
BK 090-130 100	130	135	100
BK 090-140 100	140	145	100
BK 090-150 60	150	155	60



Despite careful checking, we cannot guarantee the accuracy of all information included on this site, and we accept no liability.

BK 090

Sliding bush BK090

Item

Identification	d (mm)	D (mm)	L (mm)
BK 090-180 60	180	185	60