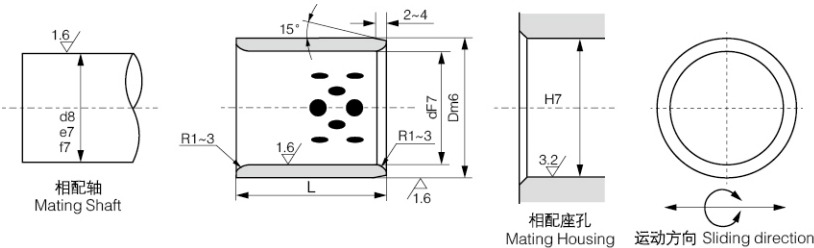


CHB-JDB 铜基固体镶嵌式自润滑轴承
Bronze Solid Enchase Self-lubricating Bearing

d8:高负荷用	材质	高力黄铜+石墨
e7:轻负荷用	Material	ZCuZn25Al6Fe3Mn3+ Graphite
f7:高精度用		



材料牌号Geade	ZCuZn25Al6Fe3Mn3	线膨胀系数 Coefficient of linear expansion	1.9x10-5/°C
密度 Density	8.2	使用温度 (°C) Max.temp	-40~+300
硬度 (HB) Hardness	≥210	最大动载荷(N/mm²) Max.load	100
抗拉强度 (N/mm²) Tensile strength	> 750	摩擦系数 Coefficient of friction	< 0.16
屈服强度 (N/mm²) Yield strength	> 450	最大PV值 (润滑) Max.PV(N/mm²·m/min)	200
延伸率(%) Elongation	8	永久压缩变形量 Compression deformation (300N/mm²)	< 0.01mm
最大线速度 The largest wire speed	干 dry 油 oil	最大PV值 The largest PV value.	无油 Without oil 油 oil
	0.5m/s 2m/s		1.65N/mm² · m/s 3.25N/mm² · m/s

单位unit:mm

IDF7 (内径) d	ODm6 (外径) D	L-3.10 -3.30													
		8	10	12	15	16	20	25	30	35	40	50	60	70	80
8 +0.028 +0.013	12	081208	081210	081212	081215										
10	14	101408	101410	101412	101415		101420								
12	18		121810	121812	121815	121816	121820	121825	121830						
13	19		131910		131915	131916									
14	20		142010	142012	142015		142020	142025	142030						
15	21		152110	152112	152115	152116	152120	152125	152130						
16	22		162210	162212	162215	162216	162220	162225	162230	162235	162240				
18	24			182412	182415	182416	182420	182425	182430	182435	182440				
20	28		202810	202812	202815	202816	202820	202825	202830	202835	202840	202850			
22	32			223212	223215		223220	223225							
25	33			253312	253315	253316	253320	253325	253330	253335	253340	253350	253360		
30	38			303812	303815		303820	303825	303830	303835	303840	303850	303860		
35	45						354520	354525	354530	354535	354540	354550	354560		
40	50						405020	405025	405030	405035	405040	405050	405060	405070	405080
45	55							455530	455535	455540	455550	455560			
50	60								506030	506035	506040	506050	506060	506070	506080

CHB-JDB 铜基固体镶嵌式自润滑轴承
Bronze Solid Enchase Self-lubricating Bearing

单位unit:mm

IDF7 (内径) d	ODm6 (外径) D	L-0.10 -0.30													
		30	35	40	50	60	70	80	100	120	130	140	150		
50 +0.050 +0.025	62	506230	506235	506240	506250	506260	506270								
50	65	506530		506540	506550	506560	506570	506580	5065100						
55	70			557040	557050	557060	557070								
60	74	607430	607435	607440	607450	607460	607470	607480							
60	75	607530	607535	607540	607550	607560	607570	607580	6075100						
63	75					637560	637570	637580							
65	80				658050	658060	658070	658080							
70	85		708535	708540	708550	708560	708570	708580	7085100						
70	90				709050	709060	709070	709080							
75	90					759060	759070	759080	7590100						
75	95					759560	759570	759580	7595100						
80	96			809640	809650	809660	809670	809680	8096100	8096120					
80	100			8010040	8010050	8010060	8010070	8010080	80100100	80100120		80100140			
90	110	9011030			9011050	9011060	9011070	9011080	90110100	90110120					
100	120					10012060	10012070	10012080	100120100	100120120		100120140			
110	130							11013080	110130100	110130120					
120	140							12014080	120140100	120140120		120140140			
125	145								125145100	125145120					
130	150								130150100		130150130				
140	160								140160100			140160140			
150	170								150170100					150170150	
160	180								160180100					160180150	



Catalog No. - d - D - L
CHB-JDB - 08 - 12 - 08



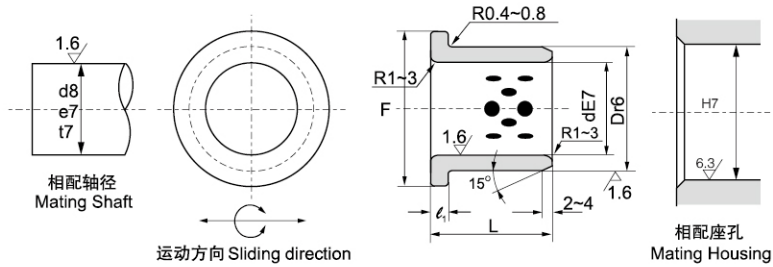
CHENHAN

CHB-JFB 自润滑翻边轴套

Self Lubricating Flanging Bushing

d8:高负荷用
e7:轻负荷用
f7:高精度用
g6:高精度用间歇运转

材质 高力黄铜+石墨
Material ZCuZn25Al6Fe3Mn3+ Graphite



单位unit:mm

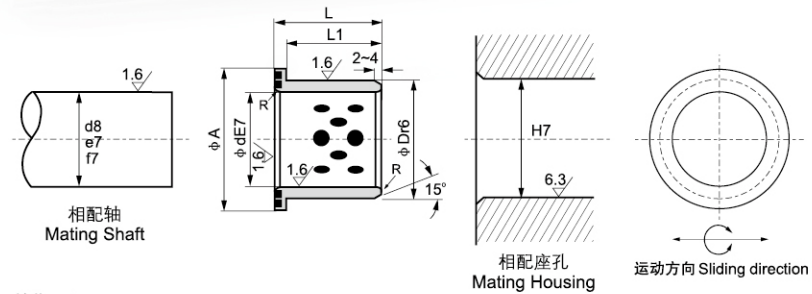
IDE7 (内径)		ODr6 (外径)		F	ϵ_1 -0.10	$L_{-0.10}^{+0.10}$									
						15	20	25	30	35	40	50	60	80	100
10	+0.040 +0.025	14	+0.034 +0.023	22	2	1015F	1020F								
12		18		25		1215F	1220F								
13		19		26		1315F	1320F								
14	+0.050 +0.032	20		27	3	1415F	1420F								
15		21	+0.041 +0.028	28		1515F	1520F	1525F	1530F						
16		22		29		1615F	1620F	1625F	1630F						
20		30		40		2015F	2020F	2025F	2030F		2040F				
25	+0.061 +0.040	35		45		2515F	2520F	2525F	2530F		2540F				
30		40		50			3020F	3025F	3030F	3035F	3040F	3050F			
31.5		40	+0.050 +0.034				3120F			3135F					
35		45		60	5		3520F		3530F		3540F	3550F			
40	+0.075 +0.050	50		65			4020F		4030F		4040F	4050F			
45		55		70					4530F		4540F	4550F	4560F		
50		60	+0.060 +0.041	75					5030F		5040F	5050F	5060F		
55		65		80							5540F		5560F		
60		75	+0.062 +0.043	90							6040F	6050F		6080F	
63	+0.090 +0.060	75		85	7.5									6367F	
70		85		105								7050F		7080F	
75		90	+0.073 +0.051	110									7560F		
80		100		120									8060F	8080F	80100F
90		110	+0.076 +0.054	130	10								9060F	9080F	
100	+0.107 +0.072	120		150										10080F	100100F
120		140	+0.088 +0.063	170										12080F	120100F

Catalog No. — d — L — F
CHB-JFB — 10 — 15 — F

CHB-JDBB 自润滑翻边轴套

Oilless Flange Bushing

材质 高力黄铜+石墨
Material ZCuZn25Al6Fe3Mn3+ Graphite



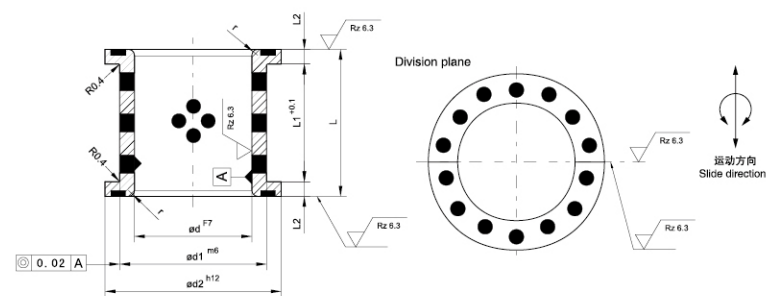
单位unit:mm

Stanard No. 规格	ϕd	E7	ϕD	r6	ϕA	L1	L
JDBB-12×15	12	+0.050 +0.032	18	+0.034 +0.023	25	11	15
JDBB-16×20	16		22	+0.041 +0.028	30	15	20
JDBB-20×25	20	+0.061 +0.040	28		36	20	25
JDBB-25×30	25		33		43	25	30
JDBB-30×35	30		38	+0.050 +0.034	48	30	35
JDBB-40×45	40	+0.075 +0.050	50		60	40	45
JDBB-50×55	50		62	+0.060 +0.041	75	49	55
JDBB-60×65	60	+0.090 +0.060	75	+0.062 +0.043	90	58	65

Catalog No. — d — L
CHB-JDBB — 12 — 15

CHB-JZW 自润滑轴瓦

Oilless Bearing Bush



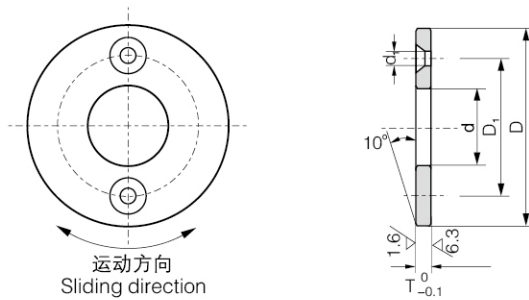
单位unit:mm

d	L	d1	d2	L1	L2	r
20	28	28	35	20		1
25	33	33	40	25	4	
30	40	38	48	30		
40	50	50	60	40	5	2
50	60	62	68	50		

Catalog No. — d — L
CHB-JZW — 20 — 28

CHB-JTW 自润滑止推垫片
Oilless Thrust Washer

材质	高力黄铜 + 石墨
Material	ZCuZn25Al6Fe3Mn3+ Graphite

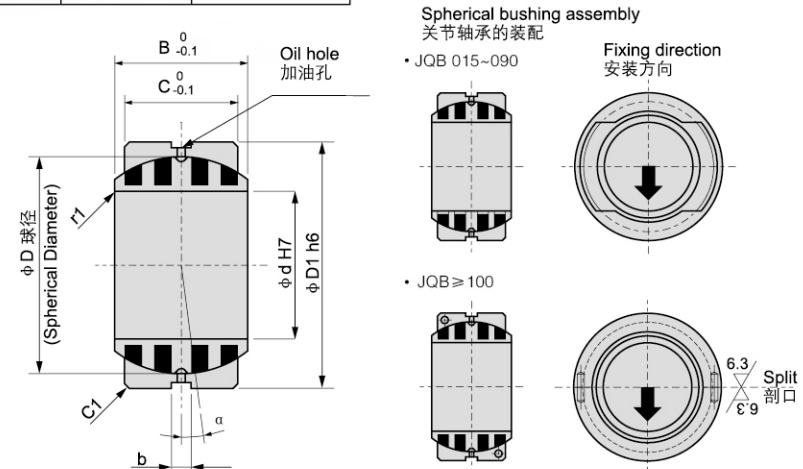


单位unit:mm

规格 Standard No.	d	D	T _{-0.1} ⁰	螺栓 Bolt			
				D ₁	数量 Q'ty	尺寸 size	d ₁
JTW-10	10.2	30		---	---	---	---
JTW-12	12.2						
JTW-13	13.2	40		28	2	M3	3.5
JTW-14	14.2		3				
JTW-15	15.2			35			
JTW-16	16.2			---	---	---	---
JTW-16N	16.2	50					
JTW-18	18.2			35	2	M3	3.5
JTW-20	20.2					M5	6
JTW-20N	20.2			---	---	---	---
JTW-25	25.2	55	5	40	2	M5	6
JTW-25N	25.2			---	---	---	---
JTW-30	30.2	60		45		M5	6
JTW-35	35.2	70		50	2		
JTW-40	40.2	80	7	60			
JTW-45	45.3	90		67.5		M6	7
JTW-50	50.3	100		75			
JTW-55	55.3	110	8	85			
JTW-60	60.3	120		90			
JTW-65	65.3	125		95			
JTW-70	70.3	130		100	4	M8	9
JTW-75	75.3	140		110			
JTW-80	80.3	150	10	120			
JTW-90	90.5	170		140			
JTW-100	100.5	190		160		M10	11
JTW-120	120.5	200		175			

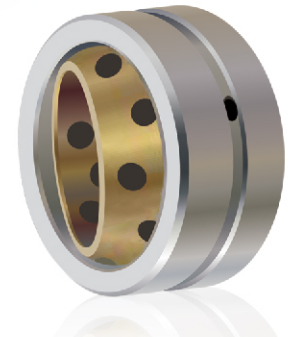
Catalog No. — d — D
CHB-JTW — 10.2 — 30**CHB-JQB 自润滑关节轴承**
Sphere Oscillating Bearing

Inner ring 内圈	Material 材料	650# + Gr/石墨
Outer ring 外圈	Material	S45C
	Hardness 硬度	HRC25~30

Recommend shaft & housing: 推荐轴和座孔公差
Housing: H7 座孔
Shaft: g6 轴

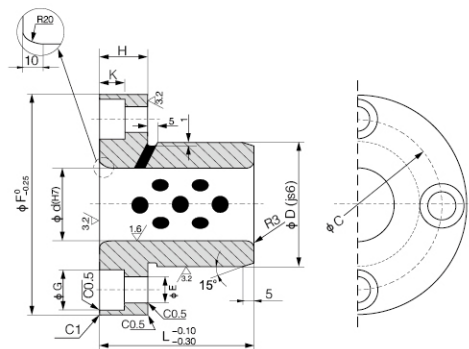
单位unit:mm

Standard No. 型号规格	d	H7	D1	h6	B	C	D	b	Alignment Angle α° 调整角度	Allowable Radial Load (kN) 径向承载	Allowable Thrust Load (kN) 轴向载荷
JQB-015	15	^{+0.018} ₀	26	⁰ _{-0.013}	12	9	22		8	6.5	0.5
JQB-020	20		32		16	14	28		4	12.6	1.4
JQB-025	25	^{+0.021} ₀	42	⁰ _{-0.016}	21	18	36		5	21.8	2.5
JQB-030	30		50		27	23	44		6	32.0	3.5
JQB-035	35		55		30	26	49		5	43.7	4.8
JQB-040	40	^{+0.025} ₀	62	⁰ _{-0.019}	33	28	55	4	6	54.7	5.7
JQB-045	45		72		36	31	62		5	69.7	7.2
JQB-050	50		80		42	36	70		6	92.4	10
JQB-060	60		100		53	45	90		6	143	16
JQB-070	70	^{+0.030} ₀	110	⁰ _{-0.022}	58	50	99		5	181	20
JQB-080	80		130		70	60	115		6	254	30
JQB-090	90		140		76	65	125		6	313	36
JQB-100	100	^{+0.035} ₀	160	⁰ _{-0.025}	88	75	145			544	64
JQB-110	110		170		93	80	155		5	642	73
JQB-120	120		190		105	90	170		6	797	94
JQB-130	130		200		110	95	180		5	880	105
JQB-140	140		210	⁰ _{-0.029}	90	70	180	6	7	668	56
JQB-150	150	^{+0.040} ₀	220		120	105	200		5	1135	129
JQB-160	160		230		105	80	200		8	891	73
JQB-180	180		260		105	80	225		6	1002	74
JQB-200	200		290	⁰ _{-0.032}	130	100	250		7	1434	117
JQB-220	220	^{+0.046} ₀	320		135	100	275		8	1577	118
JQB-240	240		340		140	100	300	9	7	1720	118
JQB-260	260		370	⁰ _{-0.036}	150	110	325		6	2075	143
JQB-280	280	^{+0.052} ₀	400		155	120	350		6	2455	172
JQB-300	300		430	⁰ _{-0.040}	165	120	375		7	2630	172

Catalog No. — d — D
CHB-JQB — 15 — 22

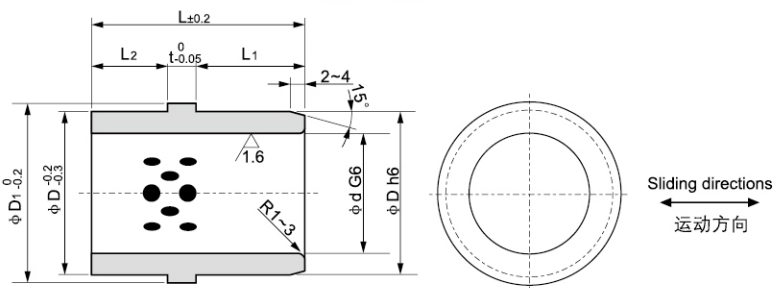
CHB-HGB250 法兰固定导套
Flange fixed guide bush

材质	高力黄铜 + 石墨	材质	FC铸铁 + 石墨
Material	ZCuZn25Al6Fe3Mn3+ Graphite	Material	HT250#+ Graphite



CHB-JNA 自润滑导套
Self-lubricating guide bush

材质	高力黄铜 + 石墨
Material	ZCuZn25Al6Fe3Mn3+ Graphite

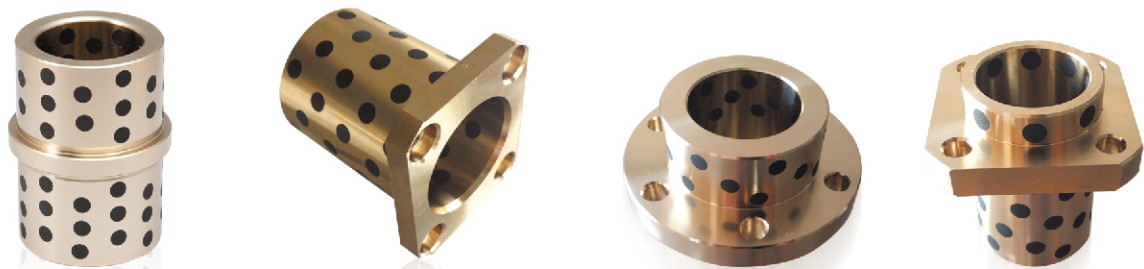


单位unit:mm

项目	代号	尺寸	ΦF	ΦD	Φd	H	L	ΦC	ΦE	ΦG	K
1	HGB250-30	90/50 × 30 × 50	90	50	30	20	50	70	11	17.5	10.8
2	HGB250-40	100/60 × 40 × 65	100	60	40	20	65	80	11	17.5	10.8
3	HGB250-50	125/75 × 50 × 80	125	75	50	20	80	100	11	17.5	10.8
4	HGB250-60	135/85 × 60 × 100	135	85	60	20	100	110	11	17.5	10.8
5	HGB250-80	170/110 × 80 × 130	170	110	80	25	130	140	14	20	13
6	HGB250-100	190/130 × 100 × 160	190	130	100	25	160	160	14	20	13

Catalog No. — d — D
CHB-HGB250 — 30 — 50

自润滑导套其他类型
Self-lubricating fixed guide other types



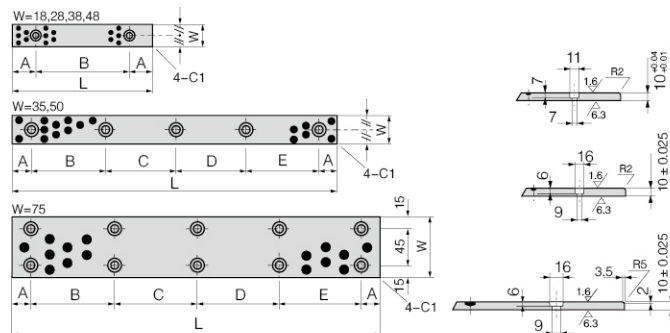
单位unit:mm

Standard No. 型号规格	d	L	d G6	D h6	D ₁	L ₁	L ₂	t	Standard No. 型号规格	d	L	d G6	D h6	D ₁	L ₁	L ₂	t
JNA-16 × 26	16	26				12			JNB-25 × 33	25	33				19		
JNA-16 × 28	16	28				14			JNB-25 × 38	25	38				24		
JNA-16 × 33	16	33	+0.017 +0.006	25	30	19			JNB-30 × 48	30	48	+0.020 +0.007	40	45	29	11	
JNA-16 × 38	16	38				24			JNB-30 × 47	30	47		42	47	24		
JNA-20 × 26	20	26		-0.013		12			JNB-30 × 52	30	52			29	15		
JNA-20 × 28	20	28				14			JNB-35 × 63	35	63	35	45	50	39	16	
JNA-20 × 33	20	33	20	30	35	19	10		JNB-40 × 60	40	60			32			
JNA-20 × 38	20	38				24			JNB-40 × 70	40	70		50	55	42		
JNA-25 × 26	25	26				12			JNB-40 × 78	40	78	40		49	21	8	
JNA-25 × 28	25	28	+0.020 +0.007	35	40	14			JNB-40 × 57	40	57	+0.025 +0.009		24	25		
JNA-25 × 33	25	33				19			JNB-40 × 67	40	67		55	60	29	30	
JNA-25 × 38	25	38				24		4	JNB-45 × 88	45	88			59			
JNA-30 × 33	30	33				14			JNB-45 × 95	45	95			69	21		
JNA-30 × 38	30	38	30	40	45	19			JNB-50 × 67	50	67		62	67	29	30	
JNA-30 × 46	30	46				24			JNB-50 × 87	50	87	50		39	40		
JNA-35 × 38	35	38				19		15	JNB-60 × 67	60	67			29	30		
JNA-35 × 43	35	43	35	46	50	24			JNB-60 × 87	60	87	+0.029 +0.010	74	82	39	40	
JNA-35 × 48	35	48				29											
JNA-40 × 48	40	48	+0.025 +0.009	52	57	24											
JNA-40 × 53	40	53				29											
JNA-50 × 48	50	48				24		20									
JNA-50 × 53	50	53		62	67	29											

Catalog No. — d — L
CHB-JNA — 16 — 26

CHB-JSP 自润滑滑板 Self-lubricating skateboard

材质	高力黄铜 + 石墨
Material	ZCuZn25Al6Fe3Mn3+ Graphite



单位unit:mm

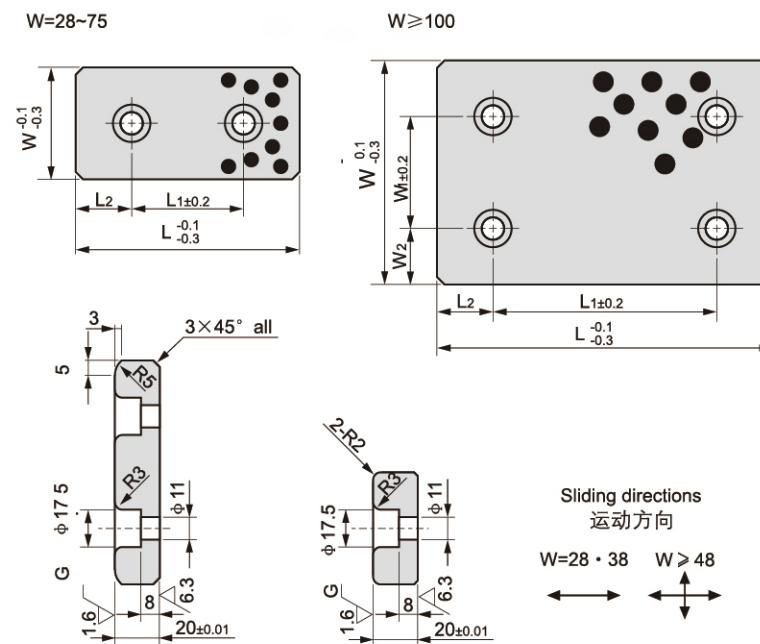
型号规格 Standard No.	W	L	A	B	C	D	E	平头螺钉 Flat Head Screw	孔数 No. of Holes
JSP-1875	18	75	15	45				M6	2
JSP-18100		100	20	60					
JSP-18125		125	25	75					
JSP-18150		150		100					
JSP-2875	28	75	15	45				M8	3
JSP-28100		100		50					
JSP-28125		125	25	75					
JSP-28150		150		100					
JSP-35100	35	100	20	60				M8	4
JSP-35150		150		55	55				
JSP-35200		200		55	50	55			
JSP-35250		250		70	70	70			
JSP-35300		300		65	65	65	65		
JSP-35350		350		80	75	75	80		
JSP-3875	38	75	15	45				M6	2
JSP-38100		100		50					
JSP-38125		125	25	75					
JSP-38150		150		100					
JSP-4875	48	75	15	45				M8	5
JSP-48100		100		50					
JSP-48125		125	25	75					
JSP-48150		150		100					
JSP-50100	50	100	20	60				M8	6
JSP-50150		150		55	55				
JSP-50200		200		55	50	55			
JSP-50250		250		70	70	70			
JSP-50300		300		65	65	65	65		
JSP-50400		400		90	90	90	90		
JSP-75150	75	150	25	110				M8	8
JSP-75200		200		80	80				
JSP-75250		250		105	105				
JSP-75300		300		85	90	85			
JSP-75400		400		120	120	120			
JSP-75500		500		115	115	115	115		



Catalog No. — W — L
CHB-JSP — 18 — 75

CHB-JESW 自润滑板标准公制尺寸

材质	高力黄铜 + 石墨
Material	65#+ Graphite



单位unit:mm

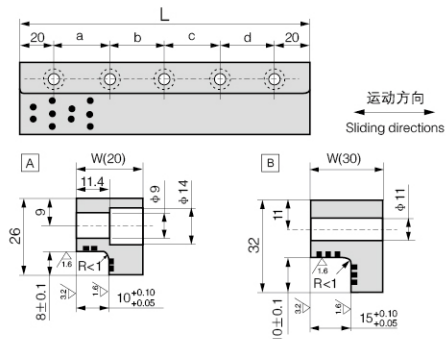
Standard No. 型号规格	W	L	W ₁	W ₂	L ₁	L ₂
JESW-28x75	28	75			45	15
JESW-28x100		100			50	25
JESW-28x150		150			100	
JESW-38x75	38	75			45	15
JESW-38x100		100			50	25
JESW-38x150		150			100	
JESW-48x75		75			45	15
JESW-48x100	48	100			50	
JESW-48x125		125			75	25
JESW-48x150		150	—	—	100	
JESW-48x200		200			150	
JESW-58x75	58	75			45	15
JESW-58x100		100			50	
JESW-58x150		150			100	
JESW-75x75		75			25	
JESW-75x100	75	100			50	25
JESW-75x125		125			75	
JESW-75x150			150			100
JESW-75x200		200			150	



Catalog No.	—	W	—	L
CHB-JSL	—	20	—	100

CHB-JSL L型自润滑块 L self-lubrication fast

材质	高力黄铜+石墨
Material	ZCuZn25Al6Fe3Mn3+ Graphite



单位unit:mm

规格 Standard No.	W	L	螺孔位置 Bole Hole				Bolt		Type
			a	b	c	d	螺栓 Size	数量 Number	
JSL-20×100	20	100	60	—	—	—	M8	2	A
JSL-20×150		150	55	55	—	—		3	
JSL-20×200		200	55	50	55	—		4	
JSL-30×100	30	100	60	—	—	—	M10	2	B
JSL-30×150		150	55	55	—	—		3	
JSL-30×200		200	55	50	55	—		4	
JSL-30×250	45	250	70	70	70	—	M10	4	C
JSL-45×200		200	55	50	55	—		4	
JSL-45×250		250	70	70	70	—		4	
JSL-45×300		300	65	65	65	65		5	
JSL-45×350		350	80	75	75	80		5	



Catalog No. — W — L
CHB-JSL — 20 — 100

钢基自润滑导板物理性能

Steel substrate physical properties of self-lubricating guides

润滑剂种类 Lubricant type	给油条件 Oil supply conditions	环境条件 Environmental conditions	最大承载 P (N/mm ²) Max Load Capacity	最高线速度 V (m/min) Max Sliding Speed	最高PV值 (N/mm ² ·m/s) Max PV Value Limit	使用温度(°C) Working temperature
固体润滑剂 GR-1	干摩擦 Dry friction	大气中 The atmosphere	100	15	150	-50~+300
	油润滑 Oil lubrication			30	200	-50~+150

密度 (g/cm ³) Density	硬度 (HB) Hardness	延伸率 (%) Elongation	屈服强度(N/mm ²) Yield strength	线膨胀系数 (×10 ⁻⁵ /°C) Coefficient of linear expansion
8	>210	>12	>755	1.9

CHB-1 无油润滑轴承 Oilless Bushing

◎ CHB-1 无油润滑轴承/Oilless Bushing

该产品以优质低碳钢为基体，中间烧结球形青铜层，表面轧制改性聚四氟乙烯（PTFE）和铅的混合物。它具有较好的自润滑、耐磨损、摩擦系数低、走合性能好、低噪音等性能，产品广泛应用于各种机械的滑动部位，如纺织机、印刷机、液压搬运车、烟草机、健身器、农业机械等。

CHB-1 Carbon Steel self-lubricating bearings used high quality low-carbon steel plate as base, sintered porous bronze as its interlayer and the Compound of PTFE and Lead as its surface. It offers the property of good self-lubrication, low wear, low friction good sliding characteristics, low noise. It has been widely applied to various mechanical sliding positions, such as textile machinery, printing machinery, hydraulic pressure transit vehicle, tobacco machinery, gymnastic instrument and agricultural machinery etc.

技术参数：Technical Data

性能指标 Performance index		数据 Data
最大承载 P Max Load Capacity	静载 Static load	250N/mm ²
	动载 Dynamic load	140N/mm ²
最高线速度 V Max Sliding Speed	干摩擦 Dry friction	2.5m/s
	油润滑 Oil lubrication	5.0m/s
最高PV值 Max PV Value Limit	干摩擦 Dry friction	3.6N/mm ² ·m/s
	油润滑 Oil lubrication	50N/mm ² ·m/s
摩擦系数 μ Friction coefficient	干摩擦 Dry friction	0.04~0.20
	油润滑 Oil lubrication	0.02~0.07
使用温度 Working temperature		-195°C ~ +280°C
导热系数 Thermal conductivity		42W/m·K
热膨胀系数 Coefficient of thermal expansion		11×10 ⁻⁶ /K

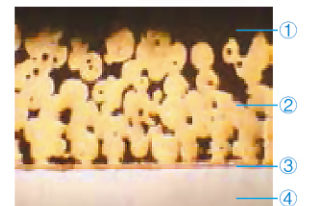
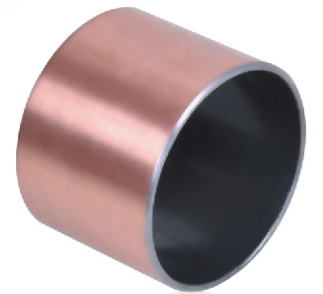
◎ CHB-1T 齿轮泵专用轴承/Gear Pump Bushing

该产品与CHB-1具有相同结构，是齿轮油泵专用轴承。根据齿轮油泵的高PV值条件而设计的特殊配方产品。它具有摩擦系数小而稳定，耐磨性能好，抗冲击的特点，产品广泛应用于齿轮油泵、柱塞泵、叶片泵等。

CHB-1 Carbon Steel self-lubricating bearing (Gear pump) has the same structure as CHB-1, it is special for gear pump. It is a special formula product devised by high PV value operational mode conditions of gearoil pump. Characterized by low friction factor, stability, well wearing performance and impact resistance, it has been widely applied to gear pumps, radial piston pumps and vane pumps etc.

技术参数：Technical Data

性能指标 Performance index		数据 Data
最大承载 P Max Load Capacity	静载 Static load	250N/mm ²
	动载 Dynamic load	140N/mm ²
最高线速度 V Max Sliding Speed	干摩擦 Dry friction	2.5m/s
	油润滑 Oil lubrication	10m/s
最高PV值 Max PV Value Limit	干摩擦 Dry friction	4.2N/mm ² ·m/s
	油润滑 Oil lubrication	60N/mm ² ·m/s
摩擦系数 μ Friction coefficient		0.03~0.18
使用温度 Working temperature		-195°C ~ +280°C
导热系数 Thermal conductivity		42W/m·K



1. 聚四氟乙烯与铅的混合物
2. 球形青铜粉
3. 钢背
4. 电镀层（铜或锡）



1. 聚四氟乙烯与铅及其他填充混合物
2. 球形青铜粉
3. 钢背
4. 电镀层（铜或锡）