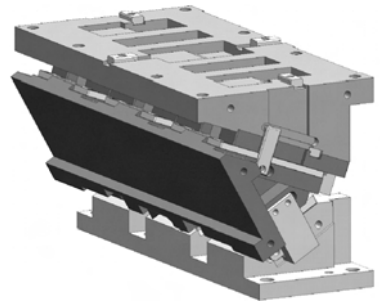
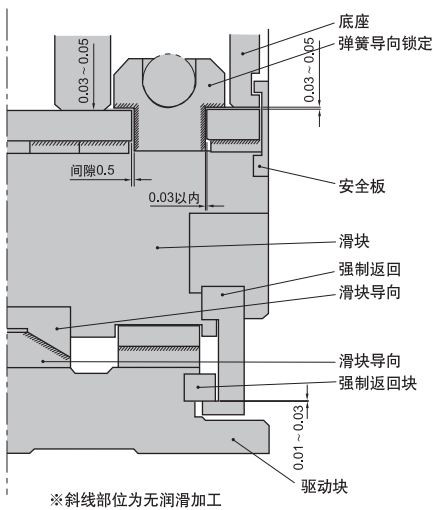


KACL概要

- 底座面宽度500~1000，100mm一级。
- 角度 $0^{\circ} \sim 60^{\circ}$ ， 10° 一级
- 可以安装斜楔回程用氮气弹簧。
- 因弹簧可以从后方取出，所有下死点调整比较容易。
- 底座面宽度也可以做到1600，具体可以与营业窗口协商。

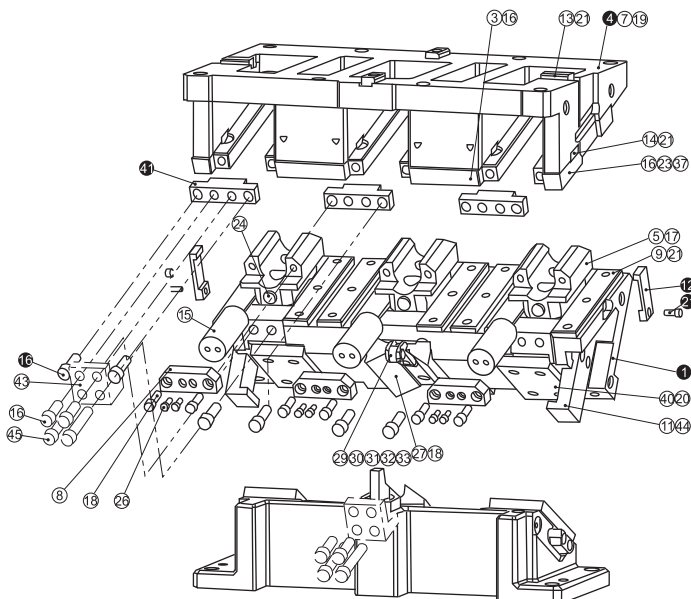


■ 滑块结构和强制拉回结构



- 斜楔底板和斜楔滑块(弹簧导向)的间隙设置为0.03以内(内侧0.5的间隙)
- 斜楔滑块(强制返程)和斜楔驱动块的间隙可在0.01-0.03内调整。斜楔滑块返回及强制返回设定协调功能。
- 斜楔底板和斜楔滑块需要设定更大间隙时与营业窗口协商。
- 此斜楔为JIS标准的大型斜楔，可用于各种模具。
- 应用此类斜楔前，请仔细阅读斜楔允许加工力及最大加工力，以确认适合使用。

■ KACL的拆卸和组装



● KACL拆卸方法

- 1、拧开六角螺钉②取出安全板；
- 2、拧开六角螺钉⑬，卸下行程挡板④；
- 3、从斜楔底板①后方取出斜楔滑块④。

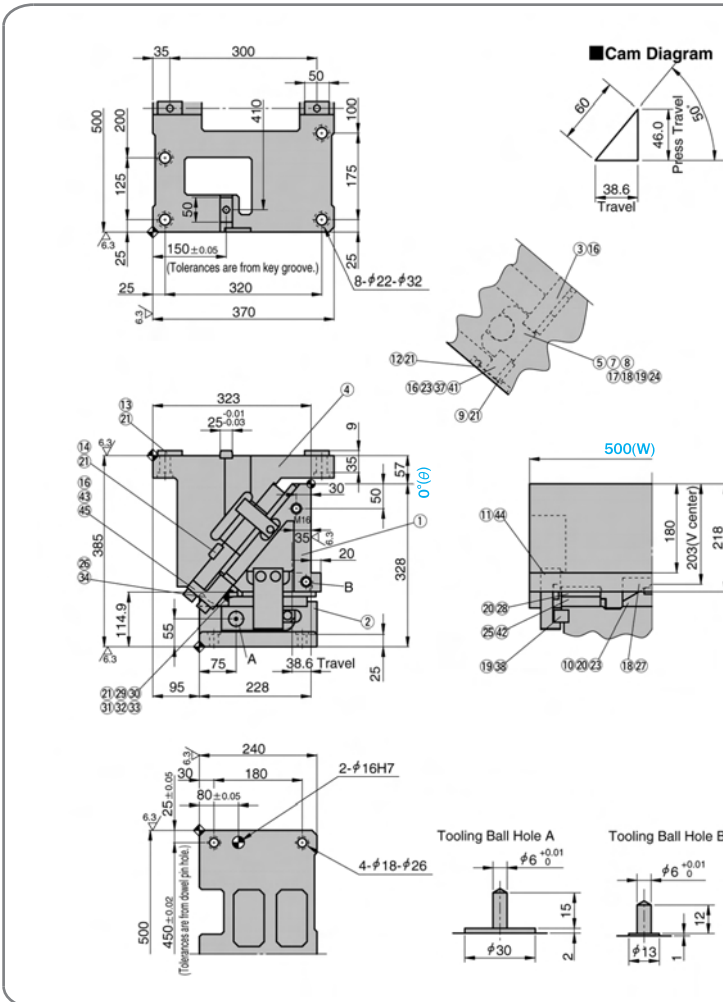
KACL组装方法

- 组装按照分解的逆过程进行。
- ◆ 确认滑动部分有无附着异物，安装之前请涂抹润滑油。
- ◆ 因为斜楔滑块和斜楔底板有间隙要求，所以先确认零件号后再组装。
- ◆ 分解、组装后，要充分注意不要忘记紧固所有相关螺钉。

KACL500-00

■ 零部件表 Table of Components

代号 No.	名称 Description	数量 Qty	材料和备注 Material and Remark
①	滑动块 Cam Slider	1	HT300
②	驱动块 Cam Driver	1	HT300
③	上滑板B Base Plate B	1	45
④	底座 Cam Holder	1	HT300
⑤	弹簧滑座 Spring Guide Block	2	QT450
⑦	氮气弹簧 Gas Spring	2	X750-075 By KALLER
⑧	弹簧挡板 Spring Guide Plate	2	45
⑨	上耐磨板 Upper slide Guide	6	铜合金 Bronze
⑩	凸V型 Cam Slide Guide	1	铜合金 Bronze
⑪	下强制拉回 Positive Return Follower	2	45
⑫	安全块 Safety Plate	2	45
⑬	键A Key A	4	45
⑭	键B Key B	4	45
⑰	内螺纹圆柱销 Dowel Pin With Female Thread	6	φ12×40
⑳	缓冲块 Stopper	4	φ22×15
㉑	滑板 Plate	2	铜合金 Bronze
㉒	凹V型 Cam Slide Guide	1	45
㉓	下滑板 Lower Slide Plate	2	45
㉔	滚轮架 Roller Bracket	1	45
㉕	滚轮 Roller	1	GCr15
㉖	轴 Roller Pin	1	45
㉗	C型卡簧 C Type Snap Ring	2	φ12
㉘	加速器 Accelerator	1	45
㉙	上滑板A Base Plate A	R/L1	45
㉚	强制拉回 Positive Return Follower	2	铜合金 Bronze
㉛	挡板 Spring Plate	2	45
㉜	锁固板 Lock Plate	2	45



行程 Travel S	加工力 Working Force kN(tonf)		弹簧力 Spring Force kN(tonf)		滑块重量 Slider Weight kg	总重量 Total Weight kg	代号 Catalog No.	(W)	(θ)	SANKYO 代号对照 Catalog No.
	标准加工力 (100万回) Standard Working Force (one million strokes)	允许加工力 (30万回) Allowable Working Force (300,000 strokes)	初压 Initial Load	终压 Final Load						
38.6	313.6 (32.0)	940.8 (96.0)	0.0 (0.0)	19.6 (2.0)	104.5	256.9	KACL	500	00	UCMSL

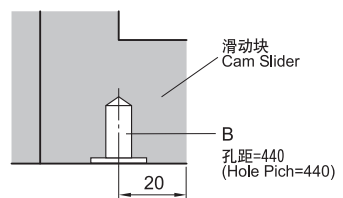
KACL
500



Order

Catalog No. **KACL** (W) - (θ) **500 - 00**

■ 测量球孔B Tooling Ball hole B



KACL500-10

■ 零部件表 Table of Components

代号 No.	名称 Description	数量 Qty	材料和备注 Material and Remark
①	滑动块 Cam Slider	1	HT300
②	驱动块 Cam Driver	1	HT300
③	上滑板B Base Plate B	1	45
④	底座 Cam Holder	1	HT300
⑤	弹簧滑座 Spring Guide Block	2	QT450
⑦	氮气弹簧 Gas Spring	2	X750-075 By KALLER
⑧	弹簧挡板 Spring Guide Plate	2	45
⑨	上耐磨板 Upper slide Guide	6	铜合金 Bronze
⑩	凸V型 Cam Slide Guide	1	铜合金 Bronze
⑪	强制拉回 Positive Return Follower	2	45
⑫	安全块 Safety Plate	2	45
⑬	键A Key A	4	45
⑭	键B Key B	4	45
⑳	内螺纹圆柱销 Dowel Pin With Female Thread	6	ø12×40
㉑	缓冲块 Stopper	4	ø22×15
㉒	滑板 Plate	2	铜合金 Bronze
㉔	凹V型 Cam Slide Guide	1	45
㉕	下滑板 Lower Slide Plate	2	45
㉖	滚轮架 Roller Bracket	1	45
㉗	滚轮 Roller	1	GCr15
㉘	轴 Roller Pin	1	45
㉙	C型卡簧 C Type Snap Ring	2	ø12
㉚	加速器 Accelerator	1	45
㉛	上滑板A Base Plate A	R/L1	45
㉜	强制拉回 Positive Return Follower	2	铜合金 Bronze
㉝	挡板 Spring Plate	2	45
㉞	锁面板 Lock Plate	2	45

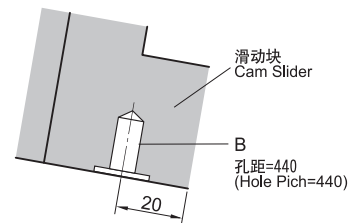
行程 Travel S	加工力 Working Force kN(tonf)		弹簧力 Spring Force kN(tonf)		滑块重量 Slider Weight kg	总重量 Total Weight kg	代号 Catalog No.	(W)	(θ)	SANKYO 代号对照 Catalog No.
	标准加工力 (100万回) Standard Working Force (one million strokes)	允许加工力 (30万回) Allowable Working Force (300,000 strokes)	初压 Initial Load	终压 Final Load						
46.7	313.6 (32.0)	940.8 (96.0)	0.0 (0.0)	19.6 (2.0)	104.5	251.7	KACL	500	10	UCMSL



Order

Catalog No. **KACL** (W) - (θ) **500 - 10**

■ 测量球孔B Tooling Ball hole B



KACL500-20

Cam Diagram

60
48.9
Press Travel
20
30
55.3
Travel

150±0.05
(Tolerances are from key groove.)
320
8-φ22-φ32

347.34
25^{+0.01}_{-0.03}
9
74.69
30
50
20(θ)
310.31
35
312.34
55.3 Travel
25

240
180
2-φ16H7
80±0.05
4-φ18-φ26
500±0.02
450±0.02
[Tolerances are from dowel pin hole]

Tooling Ball Hole A
φ6^{+0.01}₀
15
φ30
2

Tooling Ball Hole B
φ6^{+0.01}₀
12
φ13
1

■ 零部件表
Table of Components

代号 No.	名称 Description	数量 Qty	材料和备注 Material and Remark
①	滑动块 Cam Slider	1	HT300
②	驱动块 Cam Driver	1	HT300
③	上滑板B Base Plate B	1	45
④	底座 Cam Holder	1	HT300
⑤	弹簧滑座 Spring Guide Block	2	QT450
⑦	氮气弹簧 Gas Spring	2	X750-075 By KALLER
⑧	弹簧挡板 Spring Guide Plate	2	45
⑨	上耐磨板 Upper slide Guide	6	铜合金 Bronze
⑩	凸V型 Cam Slide Guide	1	铜合金 Bronze
⑪	下强制拉回 Positive Return Follower	2	45
⑫	安全块 Safety Plate	2	45
⑬	键A Key A	4	45
⑭	键B Key B	4	45
23	内螺纹圆柱销 Dowel Pin With Female Thread	6	φ12×40
24	缓冲块 Stopper	4	φ22×15
25	滑板 Plate	2	铜合金 Bronze
27	凹V型 Cam Slide Guide	1	45
28	下滑板 Lower Slide Plate	2	45
29	滚轮架 Roller Bracket	1	45
30	滚轮 Roller	1	GCr15
31	轴 Roller Pin	1	45
33	C型卡簧 C Type Snap Ring	2	φ12
34	加速器 Accelerator	1	45
37	上滑板A Base Plate A	R/L1	45
38	强制拉回 Positive Return Follower	2	铜合金 Bronze
41	挡板 Spring Plate	2	45
43	锁面板 Lock Plate	2	45

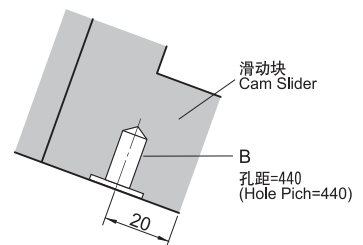
行程 Travel S	加工力 Working Force kN(tonf)		弹簧力 Spring Force kN(tonf)		滑块重量 Slider Weight kg	总重量 Total Weight kg	代号 Catalog No.	(W)	(θ)	SANKYO 代号对照 Catalog No.
	标准加工力 (100万回) Standard Working Force (one million strokes)	允许加工力 (30万回) Allowable Working Force (300,000 strokes)	初压 Initial Load	终压 Final Load						
55.3	313.6 (32.0)	940.8 (96.0)	0.0 (0.0)	19.6 (2.0)	104.5	249.4	KACL	500	20	UCMSL



Order

Catalog No. **KACL** (W) - (θ) **500 - 20**

■ 测量球孔B Tooling Ball hole B



KACL 500

KACL500-30

Cam Diagram

■ 零部件表
Table of Components

代号 No.	名称 Description	数量 Qty	材料和备注 Material and Remark
①	滑动块 Cam Slider	1	HT300
②	驱动块 Cam Driver	1	HT300
③	上滑板B Base Plate B	1	45
④	底座 Cam Holder	1	HT300
⑤	弹簧滑座 Spring Guide Block	2	QT450
⑦	氮气弹簧 Gas Spring	2	X750-075 By KALLER
⑧	弹簧挡板 Spring Guide Plate	2	45
⑨	上耐滑板 Upper Slide Guide	6	铜合金 Bronze
⑩	凸V型 Cam Slide Guide	1	铜合金 Bronze
⑪	下强制拉回 Positive Return Follower	2	45
⑫	安全块 Safety Plate	2	45
⑬	键A Key A	4	45
⑭	键B Key B	4	45
⑳	内螺纹圆柱销 Dowel Pin With Female Thread	6	Ø12×40
㉑	缓冲块 Stopper	4	Ø22×15
㉒	滑板 Plate	2	铜合金 Bronze
㉓	凹V型 Cam Slide Guide	1	45
㉔	下滑板 Lower Slide Plate	2	45
㉕	滚轮架 Roller Bracket	1	45
㉖	滚轮 Roller	1	GCr15
㉗	轴 Roller Pin	1	45
㉘	C型卡簧 C Type Snap Ring	2	Ø12
㉙	加速器 Accelerator	1	45
㉚	上滑板A Base Plate A	R/L1	45
㉛	强制拉回 Positive Return Follower	2	铜合金 Bronze
㉜	挡板 Spring Plate	2	45
㉝	锁面板 Lock Plate	2	45

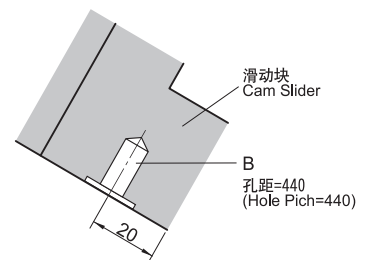
行程 Travel S	加工力 Working Force kN(tonf)		弹簧力 Spring Force kN(tonf)		滑块重量 Slider Weight kg	总重量 Total Weight kg	代号 Catalog No.	(W)	(θ)	SANKYO 代号对照 Catalog No.
	标准加工力 (100万回) Standard Working Force (one million strokes)	允许加工力 (30万回) Allowable Working Force (300,000 strokes)	初压 Initial Load	终压 Final Load						
65.1	313.6 (32.0)	940.8 (96.0)	0.0 (0.0)	19.6 (2.0)	104.5	252.1	KACL	500	30	UCMSL



Order

Catalog No. **KACL** (W) - (θ) **500 - 30**

■ 测量球孔B Tooling Ball hole B



KACL500-40

Cam Diagram

60
77.1 Travel
Press Travel
40°
10°

■ 零部件表
Table of Components

代号 No.	名称 Description	数量 Qty	材料和备注 Material and Remark
①	滑动块 Cam Slider	1	HT300
②	驱动块 Cam Driver	1	HT300
③	上滑板B Base Plate B	1	45
④	底座 Cam Holder	1	HT300
⑤	弹簧滑座 Spring Guide Block	2	QT450
⑦	氮气弹簧 Gas Spring	2	X750-075 By KALLER
⑧	弹簧挡板 Spring Guide Plate	2	45
⑨	上耐磨板 Upper slide Guide	6	铜合金 Bronze
⑩	凸V型 Cam Slide Guide	1	铜合金 Bronze
⑪	下强制拉回 Positive Return Follower	2	45
⑫	安全块 Safety Plate	2	45
⑬	键A Key A	4	45
⑭	键B Key B	4	45
⑲	内螺纹圆柱销 Dowel Pin With Female Thread	6	ø12×40
⑳	缓冲块 Stopper	4	ø22×15
㉑	滑板 Plate	2	铜合金 Bronze
㉒	凹V型 Cam Slide Guide	1	45
㉓	下滑板 Lower Slide Plate	2	45
㉔	滚轮架 Roller Bracket	1	45
㉕	滚轮 Roller	1	GCr15
㉖	轴 Roller Pin	1	45
㉗	C型卡簧 C Type Snap Ring	2	ø12
㉘	加速器 Accelerator	1	45
㉙	上滑板A Base Plate A	R/L1	45
㉚	强制拉回 Positive Return Follower	2	铜合金 Bronze
㉛	挡板 Spring Plate	2	45
㉜	锁固板 Lock Plate	2	45

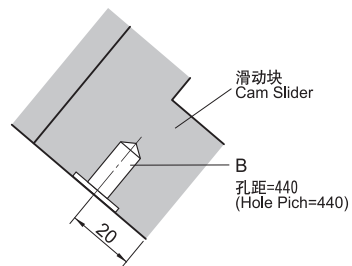
行程 Travel S	加工力 Working Force kN(tonf)		弹簧力 Spring Force kN(tonf)		滑块重量 Slider Weight kg	总重量 Total Weight kg	代号 Catalog No.	(W)	(θ)	SANKYO 代号对照 Catalog No.
	标准加工力 (100万回) Standard Working Force (one million strokes)	允许加工力 (30万回) Allowable Working Force (300,000 strokes)	初压 Initial Load	终压 Final Load						
77.1	313.6 (32.0)	940.8 (96.0)	0.0 (0.0)	19.6 (2.0)	104.5	258.1	KACL	500	40	UCMSL



Order

Catalog No. **KACL** (W) - (θ) **500 - 40**

■ 测量球孔B Tooling Ball hole B



KACL 500

KACL500-50

Cam Diagram

60
93.3 Travel
71.5 Press Travel
50°

■ 零部件表
Table of Components

代号 No.	名称 Description	数量 Qty	材料和备注 Material and Remark
①	滑动块 Cam Slider	1	HT300
②	驱动块 Cam Driver	1	HT300
③	上滑板B Base Plate B	1	45
④	底座 Cam Holder	1	HT300
⑤	弹簧滑座 Spring Guide Block	2	QT450
⑦	氮气弹簧 Gas Spring	2	X750-075 By KALLER
⑧	弹簧挡板 Spring Guide Plate	2	45
⑨	上耐磨板 Upper Slide Guide	6	铜合金 Bronze
⑩	凸V型 Cam Slide Guide	1	铜合金 Bronze
⑪	下强制拉回 Positive Return Follower	2	45
⑫	安全块 Safety Plate	2	45
⑬	键A Key A	4	45
⑭	键B Key B	4	45
⑳	内螺纹圆柱销 Dowel Pin With Female Thread	6	φ12×40
㉑	缓冲块 Stopper	4	φ22×15
㉒	滑板 Plate	2	铜合金 Bronze
㉓	凸V型 Cam Slide Guide	1	45
㉔	下滑板 Lower Slide Plate	2	45
㉕	滚轮架 Roller Bracket	1	45
㉖	滚轮 Roller	1	GCr15
㉗	轴 Roller Pin	1	45
㉘	C型卡簧 C Type Snap Ring	2	φ12
㉙	加速器 Accelerator	1	45
㉚	上滑板A Base Plate A	R/L1	45
㉛	强制拉回 Positive Return Follower	2	铜合金 Bronze
㉜	挡板 Spring Plate	2	45
㉝	锁固板 Lock Plate	2	45

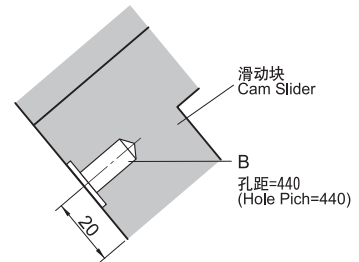
行程 Travel S	加工力 Working Force kN(tonf)		弹簧力 Spring Force kN(tonf)		滑块重量 Slider Weight kg	总重量 Total Weight kg	代号 Catalog No.	(W)	(θ)	SANKYO 代号对照 Catalog No.
	标准加工力 (100万回) Standard Working Force (one million strokes)	允许加工力 (30万回) Allowable Working Force (300,000 strokes)	初压 Initial Load	终压 Final Load						
93.3	313.6 (32.0)	940.8 (96.0)	0.0 (0.0)	19.6 (2.0)	104.5	263.0	KACL	500	50	UCMSL



Order

Catalog No. **KACL** (W) - (θ) **500 - 50**

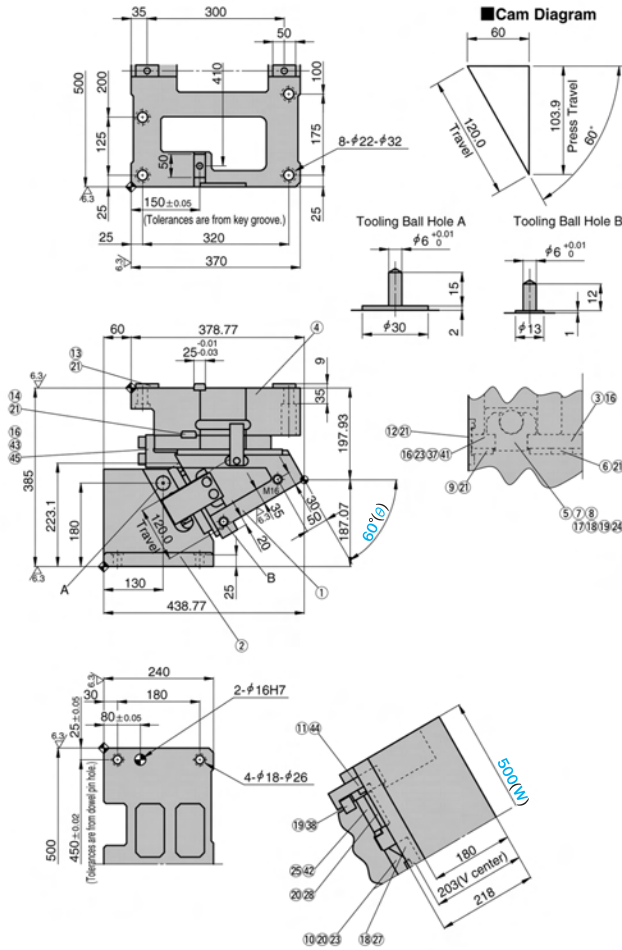
■ 测量球孔B Tooling Ball hole B



KACL500-60

■ 零部件表 Table of Components

代号 No.	名称 Description	数量 Qty	材料和备注 Material and Remark
①	滑动块 Cam Slider	1	HT300
②	驱动块 Cam Driver	1	HT300
③	上滑板B Base Plate B	1	45
④	底座 Cam Holder	1	HT300
⑤	弹簧滑座 Spring Guide Block	2	QT450
⑦	氮气弹簧 Gas Spring	2	X750-075 BY KALLER
⑧	弹簧挡板 Spring Guide Plate	2	45
⑨	上耐磨板 Upper slide Guide	6	铜合金 Bronze
⑩	凸V型 Cam Slide Guide	1	铜合金 Bronze
⑪	下强制拉回 Positive Return Follower	2	45
⑫	安全块 Safety Plate	2	45
⑬	键A Key A	4	45
⑭	键B Key B	4	45
⑳	内螺纹圆柱销 Dowel Pin With Female Thread	6	ø12×40
㉔	缓冲块 Stopper	4	ø22×15
㉕	滑板 Plate	2	铜合金 Bronze
㉗	凹V型 Cam Slide Guide	1	45
㉙	下滑板 Lower Slide Plate	2	45
㉚	滚轮架 Roller Bracket	1	45
㉛	滚轮 Roller	1	GCr15
㉜	轴 Roller Pin	1	45
㉞	C型卡簧 C Type Snap Ring	2	ø12
㉟	加速器 Accelerator	1	45
㊱	上滑板A Base Plate A	R/L1	45
㊲	强制拉回 Positive Return Follower	2	铜合金 Bronze
㊴	挡板 Spring Plate	2	45
㊵	锁固板 Lock Plate	2	45



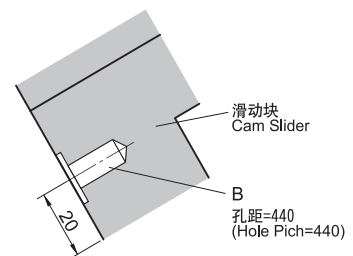
行程 Travel S	加工力 Working Force kN(tonf)		弹簧力 Spring Force kN(tonf)		滑块重量 Slider Weight kg	总重量 Total Weight kg	代号 Catalog No.	(W)	(θ)	SANKYO 代号对照 Catalog No.
	标准加工力 (100万回) Standard Working Force (one million strokes)	允许加工力 (30万回) Allowable Working Force (300,000 strokes)	初压 Initial Load	终压 Final Load						
120.0	313.6 (32.0)	940.8 (96.0)	0.0 (0.0)	19.6 (2.0)	113.6	279.2	KACL	500	60	UCMSL



Order

Catalog No. **KACL** (W) - (θ) **500 - 60**

■ 测量球孔B Tooling Ball hole B



KACL
500

KACL600-00

Cam Diagram

80
46.0 Press Travel
38.6 Travel
50

600(W)
180
203(V center)
21B

Tooling Ball Hole A
φ6^{+0.01}₀
1.5
φ30
2

Tooling Ball Hole B
φ6^{+0.01}₀
1.4
φ13

■ 零部件表
Table of Components

代号 No.	名称 Description	数量 Qty	材料和备注 Material and Remark
①	滑动块 Cam Slider	1	HT300
②	驱动块 Cam Driver	1	HT300
③	上滑板B Base Plate B	1	45
④	底座 Cam Holder	1	HT300
⑤	弹簧滑座 Spring Guide Block	2	QT450
⑦	氮气弹簧 Gas Spring	2	X750-075 By KALLER
⑧	弹簧挡板 Spring Guide Plate	2	45
⑨	上耐磨板 Upper Slide Guide	6	铜合金 Bronze
⑩	凸V型 Cam Slide Guide	1	铜合金 Bronze
⑪	下强制拉回 Positive Return Follower	2	45
⑫	安全块 Safety Plate	2	45
⑬	键A Key A	4	45
⑭	键B Key B	4	45
⑰	内螺纹圆柱销 Dowel Pin With Female Thread	6	φ12×40
⑳	缓冲块 Stopper	4	φ22×15
㉑	滑板 Plate	2	铜合金 Bronze
㉒	凸V型 Cam Slide Guide	1	45
㉓	下滑板 Lower Slide Plate	2	45
㉔	滚轮架 Roller Bracket	1	45
㉕	滚轮 Roller	1	GCr15
㉖	轴 Roller Pin	1	45
㉗	C型卡簧 C Type Snap Ring	2	φ12
㉘	加速器 Accelerator	1	45
㉙	上滑板A Base Plate A	R/L1	45
㉚	强制拉回 Positive Return Follower	2	铜合金 Bronze
㉛	挡板 Spring Plate	2	45
㉜	锁固板 Lock Plate	2	45

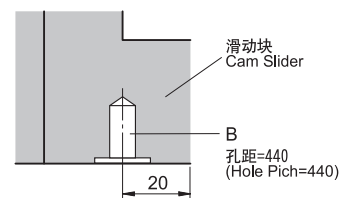
行程 Travel S	加工力 Working Force kN(tonf)		弹簧力 Spring Force kN(tonf)		滑块重量 Slider Weight kg	总重量 Total Weight kg	代号 Catalog No.	(W)	(θ)	SANKYO 代号对照 Catalog No.
	标准加工力 (100万回) Standard Working Force (one million strokes)	允许加工力 (30万回) Allowable Working Force (300,000 strokes)	初压 Initial Load	终压 Final Load						
38.6	313.6 (32.0)	940.8 (96.0)	0.0 (0.0)	19.6 (2.0)	111.4	263.7	KACL	600	00	UCMSL



Order

Catalog No. **KACL** (W) - (θ) **600 - 00**

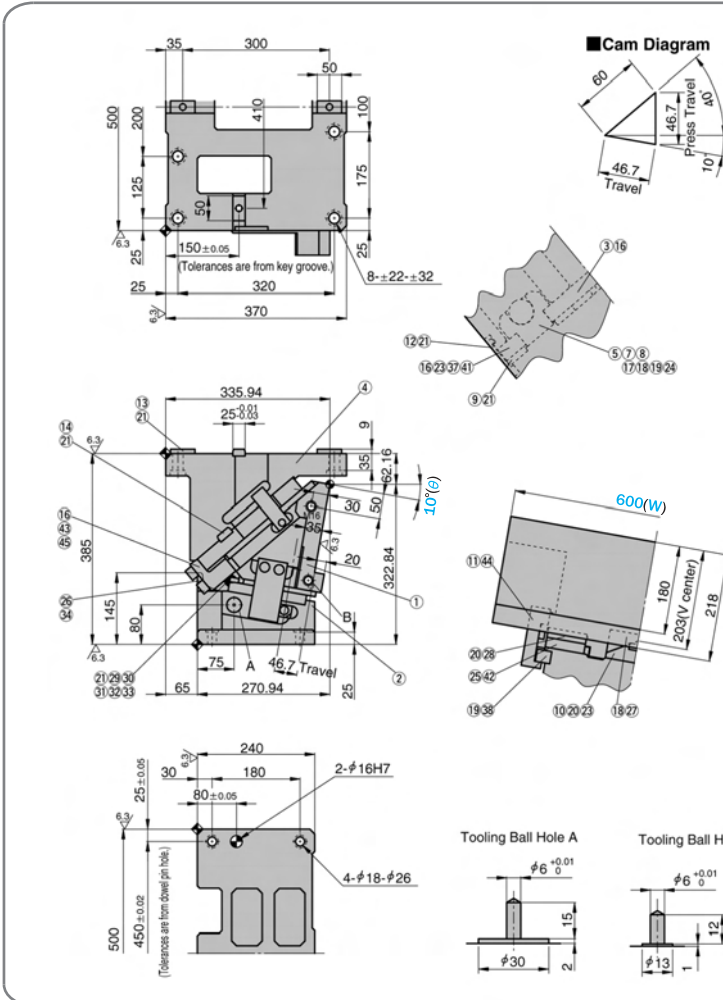
■ 测量球孔B Tooling Ball hole B



KACL600-10

■ 零部件表 Table of Components

代号 No.	名称 Description	数量 Qty	材料和备注 Material and Remark
①	滑动块 Cam Slider	1	HT300
②	驱动块 Cam Driver	1	HT300
③	上滑板B Base Plate B	1	45
④	底座 Cam Holder	1	HT300
⑤	弹簧滑座 Spring Guide Block	2	QT450
⑦	氮气弹簧 Gas Spring	2	X750-075 By KALLER
⑧	弹簧挡板 Spring Guide Plate	2	45
⑨	上耐磨板 Upper slide Guide	6	铜合金 Bronze
⑩	凸V型 Cam Slide Guide	1	铜合金 Bronze
⑪	下强制拉回 Positive Return Follower	2	45
⑫	安全块 Safety Plate	2	45
⑬	键A Key A	4	45
⑭	键B Key B	4	45
⑰	内螺纹圆柱销 Dowel Pin With Female Thread	6	φ12×40
⑳	缓冲块 Stopper	4	φ22×15
㉑	滑板 Plate	2	铜合金 Bronze
㉒	凹V型 Cam Slide Guide	1	45
㉓	下滑板 Lower Slide Plate	2	45
㉔	滚轮架 Roller Bracket	1	45
㉕	滚轮 Roller	1	GCr15
㉖	轴 Roller Pin	1	45
㉗	C型卡簧 C Type Snap Ring	2	φ12
㉘	加速器 Accelerator	1	45
㉙	上滑板A Base Plate A	R/L1	45
㉚	强制拉回 Positive Return Follower	2	铜合金 Bronze
㉛	挡板 Spring Plate	2	45
㉜	锁固板 Lock Plate	2	45



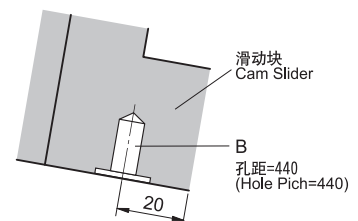
行程 Travel S	加工力 Working Force kN(tonf)		弹簧力 Spring Force kN(tonf)		滑块重量 Slider Weight kg	总重量 Total Weight kg	代号 Catalog No.	(W)	(θ)	SANKYO 代号对照 Catalog No.
	标准加工力 (100万回) Standard Working Force (one million strokes)	允许加工力 (30万回) Allowable Working Force (300,000 strokes)	初压 Initial Load	终压 Final Load						
46.7	313.6 (32.0)	940.8 (96.0)	0.0 (0.0)	19.6 (2.0)	111.4	258.6	KACL	600	10	UCMSL



Order

Catalog No. **KACL** (W) - (θ) **600 - 10**

■ 测量球孔B Tooling Ball hole B



KACL600-20

Cam Diagram

60°
55.3 Travel
Press Travel 20

■ 零部件表 Table of Components

代号 No.	名称 Description	数量 Qty	材料和备注 Material and Remark
①	滑动块 Cam Slider	1	HT300
②	驱动块 Cam Driver	1	HT300
③	上滑板B Base Plate B	1	45
④	底座 Cam Holder	1	HT300
⑤	弹簧滑座 Spring Guide Block	2	QT450
⑦	氮气弹簧 Gas Spring	2	X750-075 By KALLER
⑧	弹簧挡板 Spring Guide Plate	2	45
⑨	上耐磨板 Upper slide Guide	6	铜合金 Bronze
⑩	凸V型 Cam Slide Guide	1	铜合金 Bronze
⑪	下强制拉回 Positive Return Follower	2	45
⑫	安全块 Safety Plate	2	45
⑬	键A Key A	4	45
⑭	键B Key B	4	45
⑳	内螺纹圆柱销 Dowel Pin With Female Thread	6	ø12×40
㉑	缓冲块 Stopper	4	ø22×15
㉒	滑板 Plate	2	铜合金 Bronze
㉔	凹V型 Cam Slide Guide	1	45
㉕	下滑板 Lower Slide Plate	2	45
㉖	滚轮架 Roller Bracket	1	45
㉗	滚轮 Roller	1	GCr15
㉘	轴 Roller Pin	1	45
㉙	C型卡簧 C Type Snap Ring	2	ø12
㉚	加速器 Accelerator	1	45
㉛	上滑板A Base Plate A	R/L1	45
㉜	强制拉回 Positive Return Follower	2	铜合金 Bronze
㉝	挡板 Spring Plate	2	45
㉞	锁固板 Lock Plate	2	45

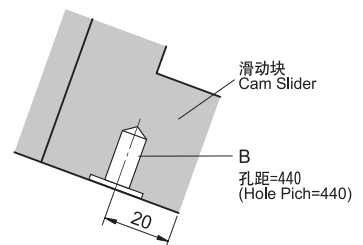
行程 Travel S	加工力 Working Force kN(tonf)		弹簧力 Spring Force kN(tonf)		滑块重量 Slider Weight kg	总重量 Total Weight kg	代号 Catalog No.	(W)	(θ)	SANKYO 代号对照 Catalog No.
	标准加工力 (100万回) Standard Working Force (one million strokes)	允许加工力 (30万回) Allowable Working Force (300,000 strokes)	初压 Initial Load	终压 Final Load						
55.3	313.6 (32.0)	940.8 (96.0)	0.0 (0.0)	19.6 (2.0)	111.4	259.5	KACL	600	20	UCMSL



Order

Catalog No. **KACL** (W) - (θ) **600 - 20**

■ 测量球孔B Tooling Ball hole B



KACL600-30

Cam Diagram

60
65.1 Travel
53.1
Press Travel
30
20

■ 零部件表 Table of Components

代号 No.	名称 Description	数量 Qty	材料和备注 Material and Remark
①	滑动块 Cam Slider	1	HT300
②	驱动块 Cam Driver	1	HT300
③	上滑板B Base Plate B	1	45
④	底座 Cam Holder	1	HT300
⑤	弹簧滑座 Spring Guide Block	2	QT450
⑦	氮气弹簧 Gas Spring	2	X750-075 By KALLER
⑧	弹簧挡板 Spring Guide Plate	2	45
⑨	上耐磨板 Upper Slide Guide	6	铜合金 Bronze
⑩	凸V型 Cam Slide Guide	1	铜合金 Bronze
⑪	下强制拉回 Positive Return Follower	2	45
⑫	安全块 Safety Plate	2	45
⑬	键A Key A	4	45
⑭	键B Key B	4	45
⑳	内螺纹圆柱销 Dowel Pin With Female Thread	6	ø12×40
㉑	缓冲块 Stopper	4	ø22×15
㉒	滑板 Plate	2	铜合金 Bronze
㉓	凸V型 Cam Slide Guide	1	45
㉔	下滑板 Lower Slide Plate	2	45
㉕	滚轮架 Roller Bracket	1	45
㉖	滚轮 Roller	1	GCr15
㉗	轴 Roller Pin	1	45
㉘	C型卡簧 C Type Snap Ring	2	ø12
㉙	加速器 Accelerator	1	45
㉚	上滑板A Base Plate A	R/L1	45
㉛	强制拉回 Positive Return Follower	2	铜合金 Bronze
㉜	挡板 Spring Plate	2	45
㉝	锁固板 Lock Plate	2	45

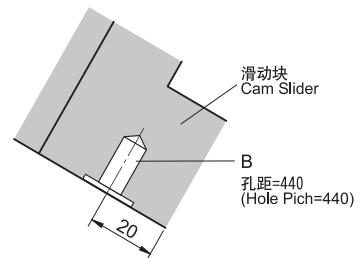
行程 Travel S	加工力 Working Force kN(tonf)		弹簧力 Spring Force kN(tonf)		滑块重量 Slider Weight kg	总重量 Total Weight kg	代号 Catalog No.	(W)	(θ)	SANKYO 代号对照 Catalog No.
	标准加工力 (100万回) Standard Working Force (one million strokes)	允许加工力 (30万回) Allowable Working Force (300,000 strokes)	初压 Initial Load	终压 Final Load						
65.1	313.6 (32.0)	940.8 (96.0)	0.0 (0.0)	19.6 (2.0)	111.4	258.9	KACL	600	30	UCMSL



Order

Catalog No. **KACL** (W) - (θ) **600 - 30**

■ 测量球孔B Tooling Ball hole B



KACL 600

KACL600-40

■ Cam Diagram

■ 零部件表 Table of Components

代号 No.	名称 Description	数量 Qty	材料和备注 Material and Remark
①	滑动块 Cam Slider	1	HT300
②	驱动块 Cam Driver	1	HT300
③	上滑板B Base Plate B	1	45
④	底座 Cam Holder	1	HT300
⑤	弹簧滑座 Spring Guide Block	2	QT450
⑦	氮气弹簧 Gas Spring	2	X750-075 By KALLER
⑧	弹簧挡板 Spring Guide Plate	2	45
⑨	上耐磨板 Upper slide Guide	6	铜合金 Bronze
⑩	凸V型 Cam Slide Guide	1	铜合金 Bronze
⑪	下强制拉回 Positive Return Follower	2	45
⑫	安全块 Safety Plate	2	45
⑬	键A Key A	4	45
⑭	键B Key B	4	45
⑳	内螺纹圆柱销 Dowel Pin With Female Thread	6	φ12×40
㉑	缓冲块 Stopper	4	φ22×15
㉒	滑板 Plate	2	铜合金 Bronze
㉔	凹V型 Cam Slide Guide	1	45
㉕	下滑板 Lower Slide Plate	2	45
㉖	滚轮架 Roller Bracket	1	45
㉗	滚轮 Roller	1	GCr15
㉘	轴 Roller Pin	1	45
㉙	C型卡簧 C Type Snap Ring	2	φ12
㉚	加速器 Accelerator	1	45
㉛	上滑板A Base Plate A	R/L1	45
㉜	强制拉回 Positive Return Follower	2	铜合金 Bronze
㉝	挡板 Spring Plate	2	45
㉞	锁固板 Lock Plate	2	45

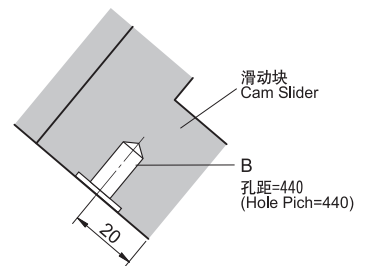
行程 Travel S	加工力 Working Force kN(tonf)		弹簧力 Spring Force kN(tonf)		滑块重量 Slider Weight kg	总重量 Total Weight kg	代号 Catalog No.	(W)	(θ)	SANKYO 代号对照 Catalog No.
	标准加工力 (100万回) Standard Working Force (one million strokes)	允许加工力 (30万回) Allowable Working Force (300,000 strokes)	初压 Initial Load	终压 Final Load						
77.1	313.6 (32.0)	940.8 (96.0)	0.0 (0.0)	19.6 (2.0)	111.4	265.0	KACL	600	40	UCMSL



Order

Catalog No. **KACL** (W) - (θ) **600 - 40**

■ 测量球孔B Tooling Ball hole B



KACL600-50

Cam Diagram

60
53.3 Travel
71.5 Press Travel
50°

■ 零部件表
Table of Components

代号 No.	名称 Description	数量 Qty	材料和备注 Material and Remark
①	滑动块 Cam Slider	1	HT300
②	驱动块 Cam Driver	1	HT300
③	上滑板B Base Plate B	1	45
④	底座 Cam Holder	1	HT300
⑤	弹簧滑座 Spring Guide Block	2	QT450
⑦	氮气弹簧 Gas Spring	2	X750-075 BY KALLER
⑧	弹簧挡板 Spring Guide Plate	2	45
⑨	上耐磨板 Upper slide Guide	6	铜合金 Bronze
⑩	凸V型 Cam Slide Guide	1	铜合金 Bronze
⑪	下强制拉回 Positive Return Follower	2	45
⑫	安全块 Safety Plate	2	45
⑬	键A Key A	4	45
⑭	键B Key B	4	45
⑳	内螺纹圆柱销 Dowel Pin With Female Thread	6	ø12×40
㉔	缓冲块 Stopper	4	ø22×15
㉕	滑板 Plate	2	铜合金 Bronze
㉗	凸V型 Cam Slide Guide	1	45
㉘	下滑板 Lower Slide Plate	2	45
㉙	滚轮架 Roller Bracket	1	45
㉚	滚轮 Roller	1	GCr15
㉛	轴 Roller Pin	1	45
㉜	C型卡簧 C Type Snap Ring	2	ø12
㉝	加速器 Accelerator	1	45
㉞	上滑板A Base Plate A	R/L1	45
㉟	强制拉回 Positive Return Follower	2	铜合金 Bronze
㊱	挡板 Spring Plate	2	45
㊲	锁固板 Lock Plate	2	45

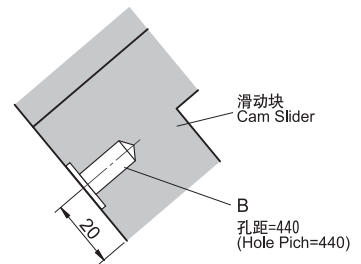
行程 Travel S	加工力 Working Force kN(tonf)		弹簧力 Spring Force kN(tonf)		滑块重量 Slider Weight kg	总重量 Total Weight kg	代号 Catalog No.	(W)	(θ)	SANKYO 代号对照 Catalog No.
	标准加工力 (100万回) Standard Working Force (one million strokes)	允许加工力 (30万回) Allowable Working Force (300,000 strokes)	初压 Initial Load	终压 Final Load						
93.3	313.6 (32.0)	940.8 (96.0)	0.0 (0.0)	19.6 (2.0)	111.4	269.9	KACL	600	50	UCMSL



Order

Catalog No. **KACL** (W) - (θ) **600 - 50**

■ 测量球孔B Tooling Ball hole B



KACL 600

KACL600-60

Cam Diagram

Travel: 120.0
Press Travel: 103.9
60°

Tooling Ball Hole A: $\phi 6^{+0.01}_0$, 15, $\phi 30$

Tooling Ball Hole B: $\phi 6^{+0.01}_0$, 12, $\phi 13$

■ 零部件表
Table of Components

代号 No.	名称 Description	数量 Qty	材料和备注 Material and Remark
①	滑动块 Cam Slider	1	HT300
②	驱动块 Cam Driver	1	HT300
③	上滑板B Base Plate B	1	45
④	底座 Cam Holder	1	HT300
⑤	弹簧滑座 Spring Guide Block	2	QT450
⑦	氮气弹簧 Gas Spring	2	X750-075 By KALLER
⑧	弹簧挡板 Spring Guide Plate	2	45
⑨	上耐磨板 Upper slide Guide	6	铜合金 Bronze
⑩	凸V型 Cam Slide Guide	1	铜合金 Bronze
⑪	下强制拉回 Positive Return Follower	2	45
⑫	安全块 Safety Plate	2	45
⑬	键A Key A	4	45
⑭	键B Key B	4	45
⑰	内螺纹圆柱销 Dowel Pin With Female Thread	6	$\phi 12 \times 40$
⑳	缓冲块 Stopper	4	$\phi 22 \times 15$
㉑	滑板 Plate	2	铜合金 Bronze
㉒	凹V型 Cam Slide Guide	1	45
㉓	下滑板 Lower Slide Plate	2	45
㉔	滚轮架 Roller Bracket	1	45
㉕	滚轮 Roller	1	GCr15
㉖	轴 Roller Pin	1	45
㉗	C型卡簧 C Type Snap Ring	2	$\phi 12$
㉘	加速器 Accelerator	1	45
㉙	上滑板A Base Plate A	R/L 1	45
㉚	强制拉回 Positive Return Follower	2	铜合金 Bronze
㉛	挡板 Spring Plate	2	45
㉜	锁固板 Lock Plate	2	45

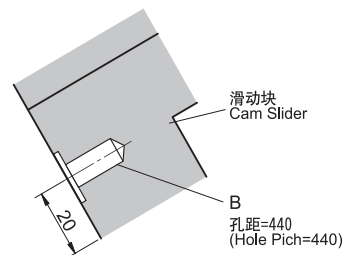
行程 Travel S	加工力 Working Force kN(tonf)		弹簧力 Spring Force kN(tonf)		滑块重量 Slider Weight kg	总重量 Total Weight kg	代号 Catalog No.	(W)	(θ)	SANKYO 代号对照 Catalog No.
	标准加工力 (100万回) Standard Working Force (one million strokes)	允许加工力 (30万回) Allowable Working Force (300,000 strokes)	初压 Initial Load	终压 Final Load						
120.0	313.6 (32.0)	940.8 (96.0)	0.0 (0.0)	19.6 (2.0)	121.2	286.9	KACL	600	60	UCMSL



Order

Catalog No. **KACL** (W) - (θ) **600 - 60**

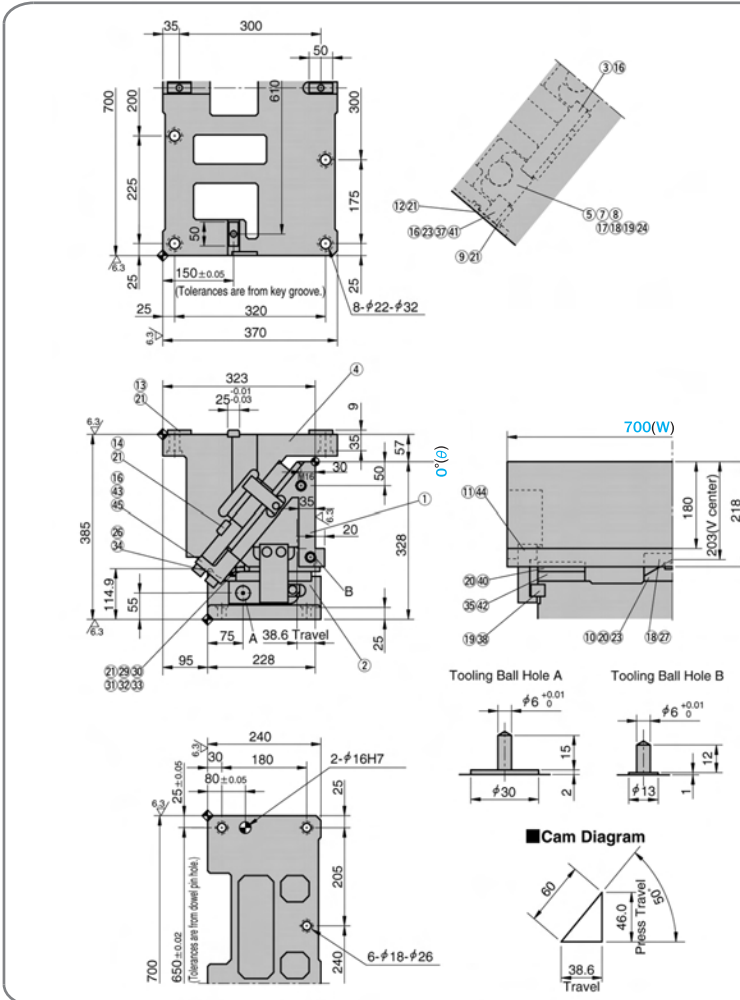
■ 测量球孔B Tooling Ball hole B



KACL700-00

■ 零部件表 Table of Components

代号 No.	名称 Description	数量 Qty	材料和备注 Material and Remark
①	滑动块 Cam Slider	1	HT300
②	驱动块 Cam Driver	1	HT300
③	上滑板B Base Plate B	2	45
④	底座 Cam Holder	1	HT300
⑤	弹簧滑座 Spring Guide Block	3	QT450
⑦	氮气弹簧 Gas Spring	3	X750-075 By KALLER
⑧	弹簧挡板 Spring Guide Plate	3	45
⑨	上耐磨板 Upper slide Guide	8	铜合金 Bronze
⑩	凸V型 Cam Slide Guide	1	铜合金 Bronze
⑪	下强制拉回 Positive Return Follower	2	45
⑫	安全块 Safety Plate	2	45
⑬	键A Key A	4	45
⑭	键B Key B	6	45
⑳	内螺纹圆柱销 Dowel Pin With Female Thread	6	ø12×40
㉔	缓冲块 Stopper	6	ø22×15
㉗	凹V型 Cam Slide Guide	1	45
㉙	滚轮架 Roller Bracket	1	45
㉚	滚轮 Roller	1	GCr15
㉛	轴 Roller Pin	1	45
㉜	C型卡簧 C Type Snap Ring	2	ø12
㉝	加速器 Accelerator	1	45
㉞	滑板 Plate	2	铜合金 Bronze
㉟	上滑板A Base Plate A	R/L1	45
㊱	强制拉回 Positive Return Follower	2	铜合金 Bronze
㊲	下滑板 Lower Slide Plate	2	45
㊳	挡板 Spring Plate	3	45
㊴	锁固板 Lock Plate	2	45



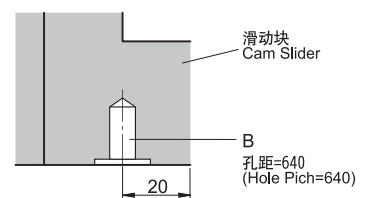
行程 Travel S	加工力 Working Force kN(tonf)		弹簧力 Spring Force kN(tonf)		滑块重量 Slider Weight kg	总重量 Total Weight kg	代号 Catalog No.	(W)	(θ)	SANKYO 代号对照 Catalog No.
	标准加工力 (100万回) Standard Working Force (one million strokes)	允许加工力 (30万回) Allowable Working Force (300,000 strokes)	初压 Initial Load	终压 Final Load						
38.6	470.4 (48.0)	1411.2 (144.0)	0.0 (0.0)	29.4 (3.0)	141.0	349.9	KACL	700	00	UCMSL



Order

Catalog No. **KACL** (W) - (θ) **700 - 00**

■ 测量球孔B Tooling Ball hole B



KACL
700

KACL700-10

Cam Diagram

Tooling Ball Hole A: $\phi 6^{+0.01}$, 15, $\phi 30$, 2

Tooling Ball Hole B: $\phi 6^{+0.01}$, 12, $\phi 13$, 1

■ 零部件表 Table of Components

代号 No.	名称 Description	数量 Qty	材料和备注 Material and Remark
①	滑动块 Cam Slider	1	HT300
②	驱动块 Cam Driver	1	HT300
③	上滑板B Base Plate B	2	45
④	底座 Cam Holder	1	HT300
⑤	弹簧滑座 Spring Guide Block	3	QT450
⑦	氮气弹簧 Gas Spring	3	X750-075 By KALLER
⑧	弹簧挡板 Spring Guide Plate	3	45
⑨	上耐磨板 Upper Slide Guide	8	铜合金 Bronze
⑩	凸V型 Cam Slide Guide	1	铜合金 Bronze
⑪	下强制拉回 Positive Return Follower	2	45
⑫	安全块 Safety Plate	2	45
⑬	键A Key A	4	45
⑭	键B Key B	6	45
⑳	内螺纹圆柱销 Dowel Pin With Female Thread	6	$\phi 12 \times 40$
㉔	缓冲块 Stopper	6	$\phi 22 \times 15$
㉗	凹V型 Cam Side Guide	1	45
㉙	滚轮架 Roller Bracket	1	45
㉚	滚轮 Roller	1	GCr15
㉛	轴 Roller Pin	1	45
㉜	C型卡簧 C Type Snap Ring	2	$\phi 12$
㉝	加速器 Accelerator	1	45
㉞	滑板 Plate	2	铜合金 Bronze
㉟	上滑板A Base Plate A	R/L1	45
㊱	强制拉回 Positive Return Follower	2	铜合金 Bronze
㊲	下滑板 Lower Slide Plate	2	45
㊳	挡板 Spring Plate	3	45
㊴	锁固板 Lock Plate	2	45

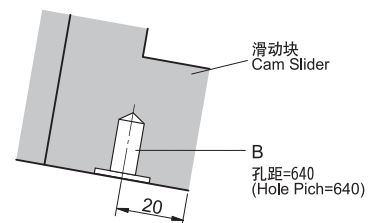
行程 Travel S	加工力 Working Force kN(tonf)		弹簧力 Spring Force kN(tonf)		滑块重量 Slider Weight kg	总重量 Total Weight kg	代号 Catalog No.	(W)	(θ)	SANKYO 代号对照 Catalog No.
	标准加工力 (100万回) Standard Working Force (one million strokes)	允许加工力 (30万回) Allowable Working Force (300,000 strokes)	初压 Initial Load	终压 Final Load						
46.7	470.4 (48.0)	1411.2 (144.0)	0.0 (0.0)	29.4 (3.0)	141.0	342.9	KACL	700	10	UCMSL



Order

Catalog No. **KACL** (W) - (θ) **700 - 10**

■ 测量球孔B Tooling Ball hole B



KACL700-20

Cam Diagram

Dimensions: 60, 48.9, 20, 55.3 Travel, 30, 17.18, 19.24, 3.16, 12.21, 16.23, 3.41, 9.21, 5.7, 8, 17.18, 19.24

Dimensions: 35, 300, 50, 610, 300, 700, 200, 225, 175, 25, 150±0.05, 320, 8-φ22-φ32, 370, 25, 6.3, 25, 13, 21, 347.34, 25^{+0.03}, 9, 35, 74.69, 14, 21, 16, 385, 182, 110, 75, 55.3 Travel, 312.34, 25, 20(θ), 11.44, 700(W), 180, 203V center, 218, 20.40, 35.42, 19.38, 10.20, 23, 19.27

Dimensions: 240, 180, 2-φ16H7, 25, 80±0.05, 650±0.02, 25±0.05, 205, 240, 6-φ18-φ26, 6.3, 25, 15, 2, φ30, φ6^{+0.01}, 0, φ13, φ6^{+0.01}, 0, 1, 12

Tooling Ball Hole A: φ6^{+0.01}, 0, 15, 2, φ30

Tooling Ball Hole B: φ6^{+0.01}, 0, 12, φ13

■ 零部件表
Table of Components

代号 No.	名称 Description	数量 Qty	材料和备注 Material and Remark
①	滑动块 Cam Slider	1	HT300
②	驱动块 Cam Driver	1	HT300
③	上滑板B Base Plate B	2	45
④	底座 Cam Holder	1	HT300
⑤	弹簧滑座 Spring Guide Block	3	QT450
⑦	氮气弹簧 Gas Spring	3	X750-075 By KALLER
⑧	弹簧挡板 Spring Guide Plate	3	45
⑨	上耐磨板 Upper slide Guide	8	铜合金 Bronze
⑩	凸V型 Cam Slide Guide	1	铜合金 Bronze
⑪	下强制拉回 Positive Return Follower	2	45
⑫	安全块 Safety Plate	2	45
⑬	键A Key A	4	45
⑭	键B Key B	6	45
⑰	内螺纹圆柱销 Dowel Pin With Female Thread	6	φ12×40
⑳	缓冲块 Stopper	6	φ22×15
㉑	凹V型 Cam Slide Guide	1	45
㉒	滚轮架 Roller Bracket	1	45
㉓	滚轮 Roller	1	GCr15
㉔	轴 Roller Pin	1	45
㉕	C型卡簧 C Type Snap Ring	2	φ12
㉖	加速器 Accelerator	1	45
㉗	滑板 Plate	2	铜合金 Bronze
㉘	上滑板A Base Plate A	R/L1	45
㉙	强制拉回 Positive Return Follower	2	铜合金 Bronze
㉚	下滑板 Lower Slide Plate	2	45
㉛	挡板 Spring Plate	3	45
㉜	锁固板 Lock Plate	2	45

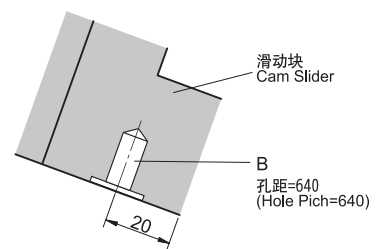
行程 Travel S	加工力 Working Force kN(tonf)		弹簧力 Spring Force kN(tonf)		滑块重量 Slider Weight kg	总重量 Total Weight kg	代号 Catalog No.	(W)	(θ)	SANKYO 代号对照 Catalog No.
	标准加工力 (100万回) Standard Working Force (one million strokes)	允许加工力 (30万回) Allowable Working Force (300,000 strokes)	初压 Initial Load	终压 Final Load						
55.3	470.4 (48.0)	1411.2 (144.0)	0.0 (0.0)	29.4 (3.0)	141.0	338.3	KACL	700	20	UCMSL



Order

Catalog No. **KACL** (W) - (θ) **700 - 20**

■ 测量球孔B Tooling Ball hole B

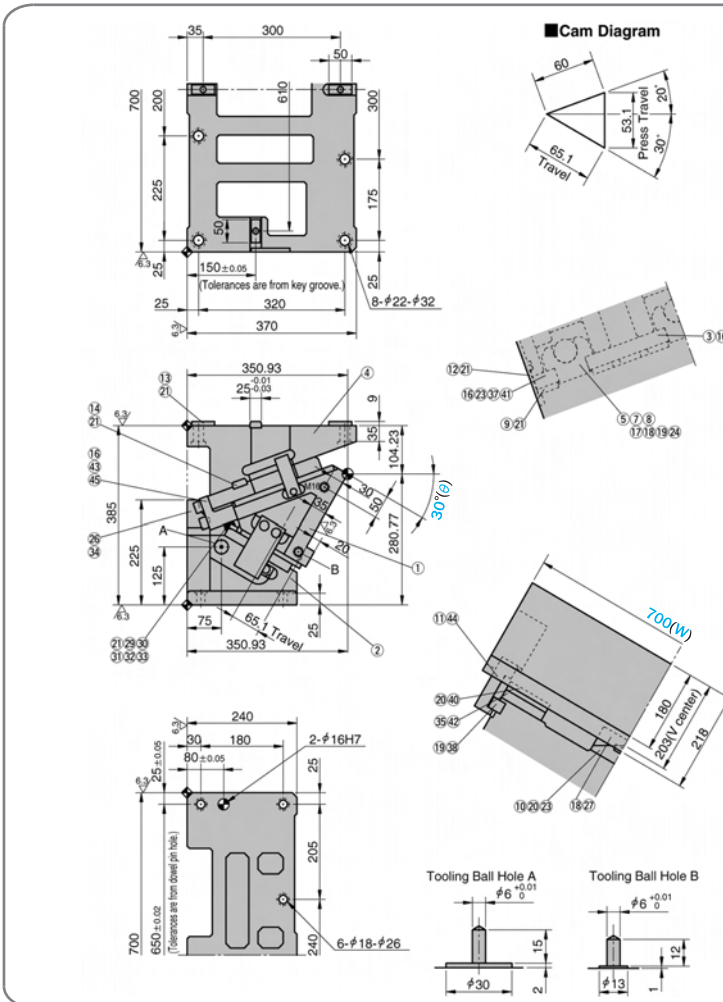


KACL 700

KACL700-30

零部件表 Table of Components

代号 No.	名称 Description	数量 Qty	材料和备注 Material and Remark
①	滑动块 Cam Slider	1	HT300
②	驱动块 Cam Driver	1	HT300
③	上滑板B Base Plate B	2	45
④	底座 Cam Holder	1	HT300
⑤	弹簧滑座 Spring Guide Block	3	QT450
⑦	氮气弹簧 Gas Spring	3	X750-075 By KALLER
⑧	弹簧挡板 Spring Guide Plate	3	45
⑨	上耐磨板 Upper slide Guide	8	铜合金 Bronze
⑩	凸V型 Cam Slide Guide	1	铜合金 Bronze
⑪	下强制拉回 Positive Return Follower	2	45
⑫	安全块 Safety Plate	2	45
⑬	键A Key A	4	45
⑭	键B Key B	6	45
⑳	内螺纹圆柱销 Dowel Pin With Female Thread	6	ø12×40
㉑	缓冲块 Stopper	6	ø22×15
㉒	凹V型 Cam Slide Guide	1	45
㉓	滚轮架 Roller Bracket	1	45
㉔	滚轮 Roller	1	GCr15
㉕	轴 Roller Pin	1	45
㉖	C型卡簧 C Type Snap Ring	2	ø12
㉗	加速器 Accelerator	1	45
㉘	滑板 Plate	2	铜合金 Bronze
㉙	上滑板A Base Plate A	R/L1	45
㉚	强制拉回 Positive Return Follower	2	铜合金 Bronze
㉛	下滑板 Lower Slide Plate	2	45
㉜	挡板 Spring Plate	3	45
㉝	锁固板 Lock Plate	2	45



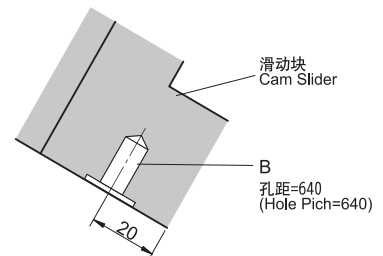
行程 Travel S	加工力 Working Force kN(tonf)		弹簧力 Spring Force kN(tonf)		滑块重量 Slider Weight kg	总重量 Total Weight kg	代号 Catalog No.	(W)	(θ)	SANKYO 代号对照 Catalog No.
	标准加工力 (100万回) Standard Working Force (one million strokes)	允许加工力 (30万回) Allowable Working Force (300,000 strokes)	初压 Initial Load	终压 Final Load						
65.1	470.4 (48.0)	1411.2 (144.0)	0.0 (0.0)	29.4 (3.0)	141.0	346.3	KACL	700	30	UCMSL



Order

Catalog No. **KACL** (W) - (θ) **700 - 30**

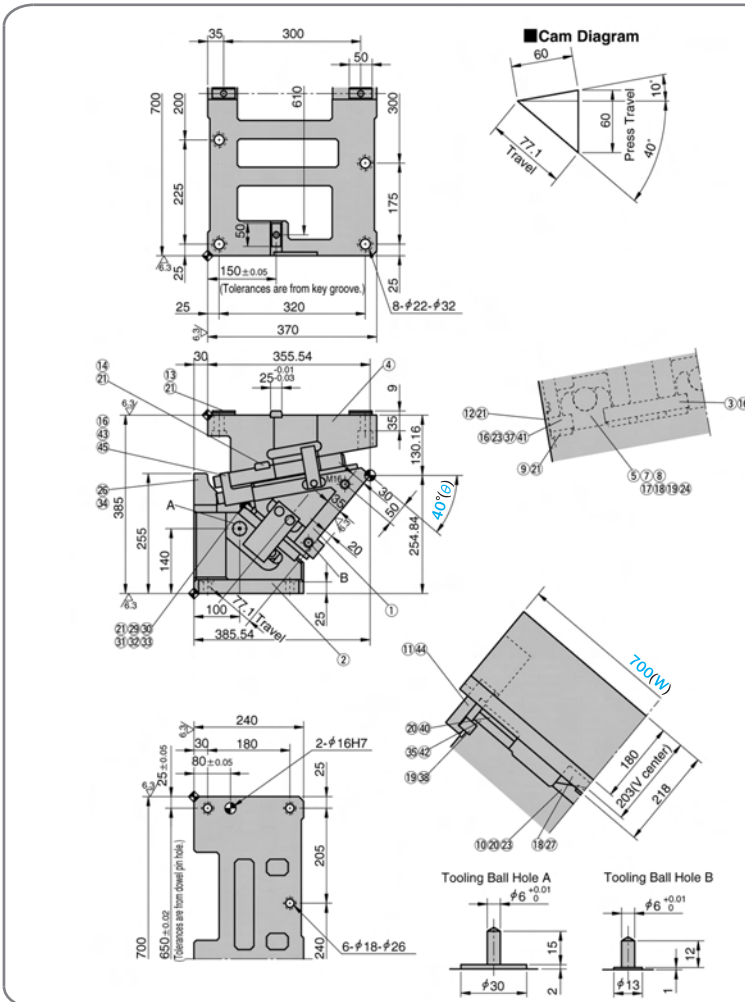
测量球孔B Tooling Ball hole B



KACL700-40

零部件表 Table of Components

代号 No.	名称 Description	数量 Qty	材料和备注 Material and Remark
①	滑动块 Cam Slider	1	HT300
②	驱动块 Cam Driver	1	HT300
③	上滑板B Base Plate B	2	45
④	底座 Cam Holder	1	HT300
⑤	弹簧滑座 Spring Guide Block	3	QT450
⑦	氮气弹簧 Gas Spring	3	X750-075 By KALLER
⑧	弹簧挡板 Spring Guide Plate	3	45
⑨	上耐磨板 Upper slide Guide	8	铜合金 Bronze
⑩	凸V型 Cam Slide Guide	1	铜合金 Bronze
⑪	下强制拉回 Positive Return Follower	2	45
⑫	安全块 Safety Plate	2	45
⑬	键A Key A	4	45
⑭	键B Key B	6	45
⑳	内螺纹圆柱销 Dowel Pin With Female Thread	6	ø12×40
㉑	缓冲块 Stopper	6	ø22×15
㉒	凹V型 Cam Slide Guide	1	45
㉓	滚轮架 Roller Bracket	1	45
㉔	滚轮 Roller	1	GCr15
㉕	轴 Roller Pin	1	45
㉖	C型卡簧 C Type Snap Ring	2	ø12
㉗	加速器 Accelerator	1	45
㉘	滑板 Plate	2	铜合金 Bronze
㉙	上滑板A Base Plate A	R/L1	45
㉚	强制拉回 Positive Return Follower	2	铜合金 Bronze
㉛	下滑板 Lower Slide Plate	2	45
㉜	挡板 Spring Plate	3	45
㉝	锁固板 Lock Plate	2	45



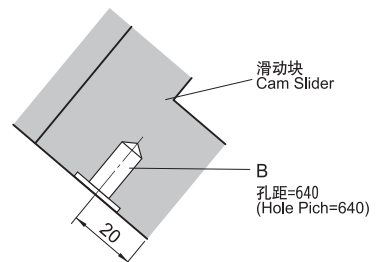
行程 Travel S	加工力 Working Force kN(tonf)		弹簧力 Spring Force kN(tonf)		滑块重量 Slider Weight kg	总重量 Total Weight kg	代号 Catalog No.	(W)	(θ)	SANKYO 代号对照 Catalog No.
	标准加工力 (100万回) Standard Working Force (one million strokes)	允许加工力 (30万回) Allowable Working Force (300,000 strokes)	初压 Initial Load	终压 Final Load						
77.1	470.4 (48.0)	1411.2 (144.0)	0.0 (0.0)	29.4 (3.0)	141.0	356.2	KACL	700	40	UCMSL



Order

Catalog No. **KACL** (W) - (θ) **700 - 40**

测量球孔B Tooling Ball hole B

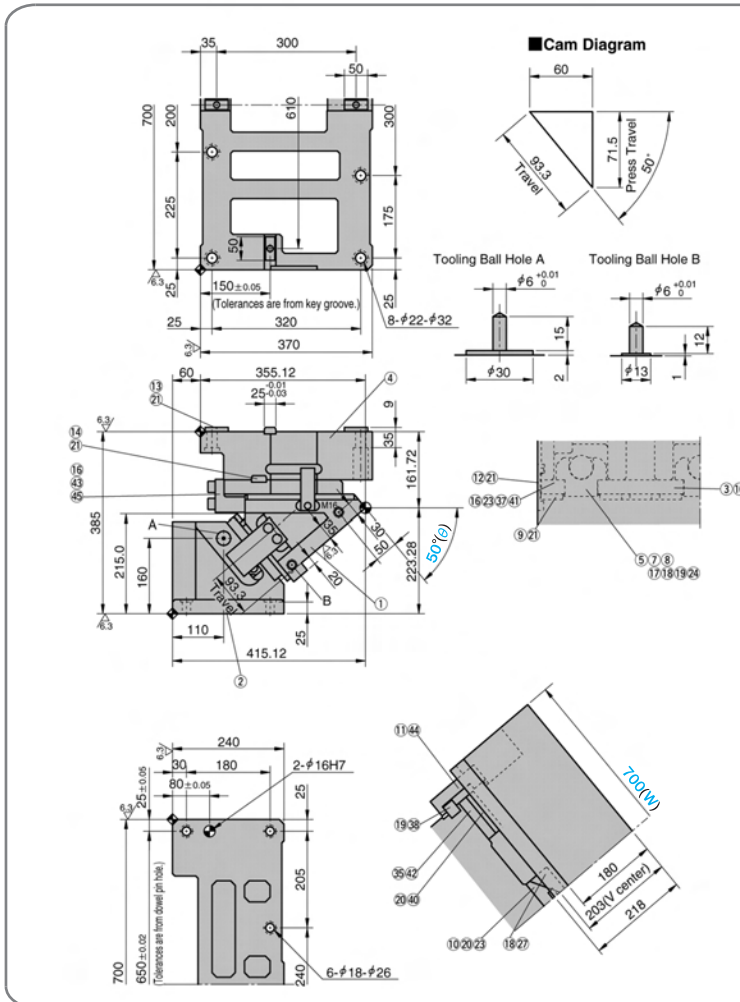


KACL
700

KACL700-50

■ 零部件表 Table of Components

代号 No.	名称 Description	数量 Qty	材料和备注 Material and Remark
①	滑动块 Cam Slider	1	HT300
②	驱动块 Cam Driver	1	HT300
③	上滑板B Base Plate B	2	45
④	底座 Cam Holder	1	HT300
⑤	弹簧滑座 Spring Guide Block	3	QT450
⑦	氮气弹簧 Gas Spring	3	X750-075 By KALLER
⑧	弹簧挡板 Spring Guide Plate	3	45
⑨	上耐磨板 Upper slide Guide	8	铜合金 Bronze
⑩	凸V型 Cam Slide Guide	1	铜合金 Bronze
⑪	下强制拉回 Positive Return Follower	2	45
⑫	安全块 Safety Plate	2	45
⑬	键A Key A	4	45
⑭	键B Key B	6	45
⑳	内螺纹圆柱销 Dowel Pin With Female Thread	6	ø12×40
㉑	缓冲块 Stopper	6	ø22×15
㉒	凹V型 Cam Slide Guide	1	45
㉓	滚轮架 Roller Bracket	1	45
㉔	滚轮 Roller	1	GCr15
㉕	轴 Roller Pin	1	45
㉖	C型卡簧 C Type Snap Ring	2	ø12
㉗	加速器 Accelerator	1	45
㉘	滑板 Plate	2	铜合金 Bronze
㉙	上滑板A Base Plate A	R/L1	45
㉚	强制拉回 Positive Return Follower	2	铜合金 Bronze
㉛	下滑板 Lower Slide Plate	2	45
㉜	挡板 Spring Plate	3	45
㉝	锁固板 Lock Plate	2	45



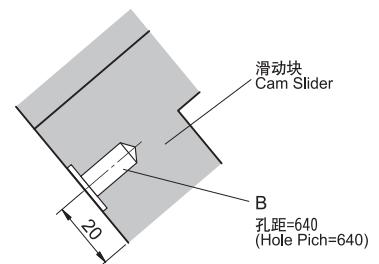
行程 Travel S	加工力 Working Force kN(tonf)		弹簧力 Spring Force kN(tonf)		滑块重量 Slider Weight kg	总重量 Total Weight kg	代号 Catalog No.	(W)	(θ)	SANKYO 代号对照 Catalog No.
	标准加工力 (100万回) Standard Working Force (one million strokes)	允许加工力 (30万回) Allowable Working Force (300,000 strokes)	初压 Initial Load	终压 Final Load						
93.3	470.4 (48.0)	1411.2 (144.0)	0.0 (0.0)	29.4 (3.0)	141.0	364.9	KACL	700	50	UCMSL



Order

Catalog No. **KACL** (W) - (θ) **700 - 50**

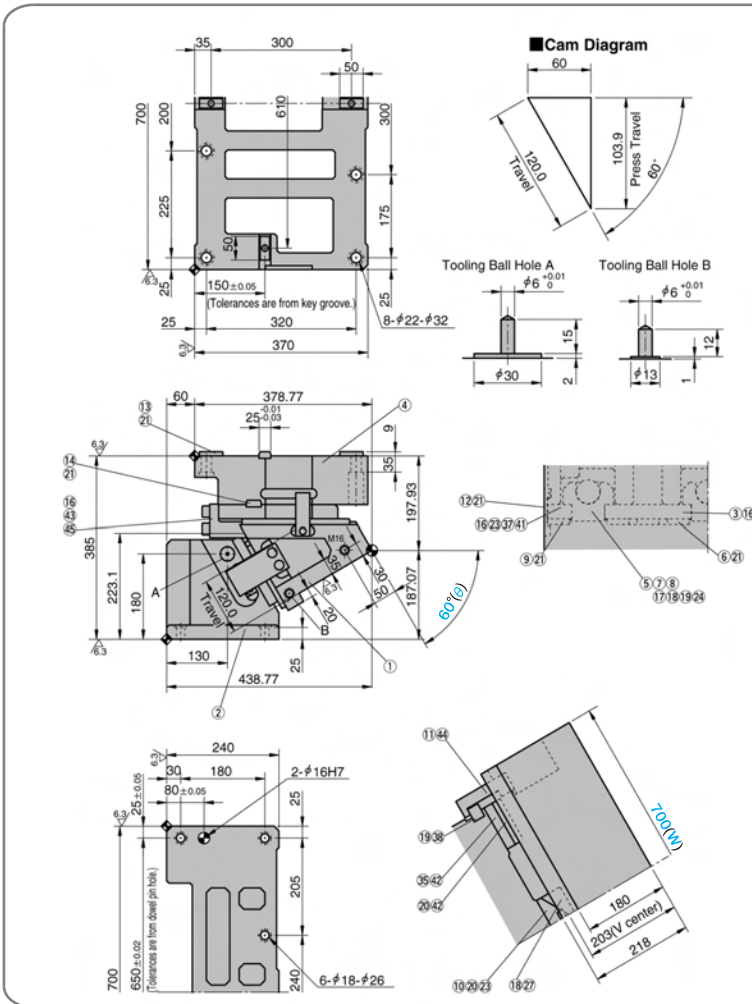
■ 测量球孔B Tooling Ball hole B



KACL700-60

零部件表 Table of Components

代号 No.	名称 Description	数量 Qty	材料和备注 Material and Remark
①	滑动块 Cam Slider	1	HT300
②	驱动块 Cam Driver	1	HT300
③	上滑板B Base Plate B	2	45
④	底座 Cam Holder	1	HT300
⑤	弹簧滑座 Spring Guide Block	3	QT450
⑦	氮气弹簧 Gas Spring	3	X750-075 By KALLER
⑧	弹簧挡板 Spring Guide Plate	3	45
⑨	上耐磨板 Upper slide Guide	8	铜合金 Bronze
⑩	凸V型 Cam Slide Guide	1	铜合金 Bronze
⑪	下强制拉回 Positive Return Follower	2	45
⑫	安全块 Safety Plate	2	45
⑬	键A Key A	4	45
⑭	键B Key B	6	45
⑳	内螺纹圆柱销 Dowel Pin With Female Thread	6	ø12×40
㉑	缓冲块 Stopper	6	ø22×15
㉒	凹V型 Cam Slide Guide	1	45
㉓	滚轮架 Roller Bracket	1	45
㉔	滚轮 Roller	1	GCr15
㉕	轴 Roller Pin	1	45
㉖	C型卡簧 C Type Snap Ring	2	ø12
㉗	加速器 Accelerator	1	45
㉘	滑板 Plate	2	铜合金 Bronze
㉙	上滑板A Base Plate A	R/L1	45
㉚	强制拉回 Positive Return Follower	2	铜合金 Bronze
㉛	下滑板 Lower Slide Plate	2	45
㉜	挡板 Spring Plate	3	45
㉝	锁面板 Lock Plate	2	45



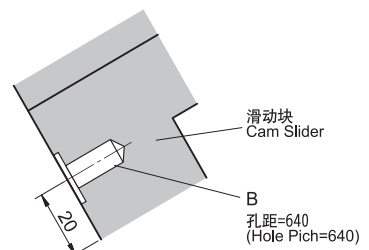
行程 Travel S	加工力 Working Force kN(tonf)		弹簧力 Spring Force kN(tonf)		滑块重量 Slider Weight kg	总重量 Total Weight kg	代号 Catalog No.	(W)	(θ)	SANKYO 代号对照 Catalog No.
	标准加工力 (100万回) Standard Working Force (one million strokes)	允许加工力 (30万回) Allowable Working Force (300,000 strokes)	初压 Initial Load	终压 Final Load						
120.0	470.4 (48.0)	1411.2 (144.0)	0.0 (0.0)	29.4 (3.0)	164.7	389.3	KACL	700	60	UCMSL



Order

Catalog No. **KACL** (W) - (θ) **700 - 60**

测量球孔B Tooling Ball hole B



KACL
700

KACL800-00

■ 零部件表 Table of Components

代号 No.	名称 Description	数量 Qty	材料和备注 Material and Remark
①	滑动块 Cam Slider	1	HT300
②	驱动块 Cam Driver	1	HT300
③	上滑板B Base Plate B	2	45
④	底座 Cam Holder	1	HT300
⑤	弹簧滑座 Spring Guide Block	3	QT450
⑦	氮气弹簧 Gas Spring	3	X750-075 By KALLER
⑧	弹簧挡板 Spring Guide Plate	3	45
⑨	上耐磨板 Upper slide Guide	8	铜合金 Bronze
⑩	凸V型 Cam Slide Guide	1	铜合金 Bronze
⑪	下强制拉回 Positive Return Follower	2	45
⑫	安全块 Safety Plate	2	45
⑬	键A Key A	4	45
⑭	键B Key B	6	45
⑳	内螺纹圆柱销 Dowel Pin With Female Thread	6	ø12×40
㉑	缓冲块 Stopper	6	ø22×15
㉒	凹V型 Cam Slide Guide	1	45
㉓	滚轮架 Roller Bracket	1	45
㉔	滚轮 Roller	1	GCr15
㉕	轴 Roller Pin	1	45
㉖	C型卡簧 C Type Snap Ring	2	ø12
㉗	加速器 Accelerator	1	45
㉘	滑板 Slide Plate	2	铜合金 Bronze
㉙	上滑板A Base Plate A	R/L1	45
㉚	强制拉回 Positive Return Follower	2	铜合金 Bronze
㉛	下滑板 Lower Slide Plate	2	45
㉜	挡板 Spring Plate	2	45
㉝	锁面板 Lock Plate	2	45

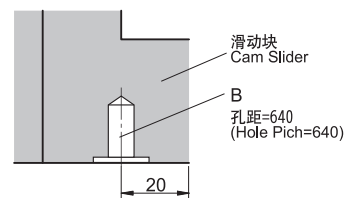
行程 Travel S	加工力 Working Force kN(tonf)		弹簧力 Spring Force kN(tonf)		滑块重量 Slider Weight kg	总重量 Total Weight kg	代号 Catalog No.	(W)	(θ)	SANKYO 代号对照 Catalog No.
	标准加工力 (100万回) Standard Working Force (one million strokes)	允许加工力 (30万回) Allowable Working Force (300,000 strokes)	初压 Initial Load	终压 Final Load						
38.6	470.4 (48.0)	1411.2 (144.0)	0.0 (0.0)	29.4 (3.0)	156.5	356.7	KACL	800	00	UCMSL



Order

Catalog No. **KACL** (W) - (θ) **800 - 00**

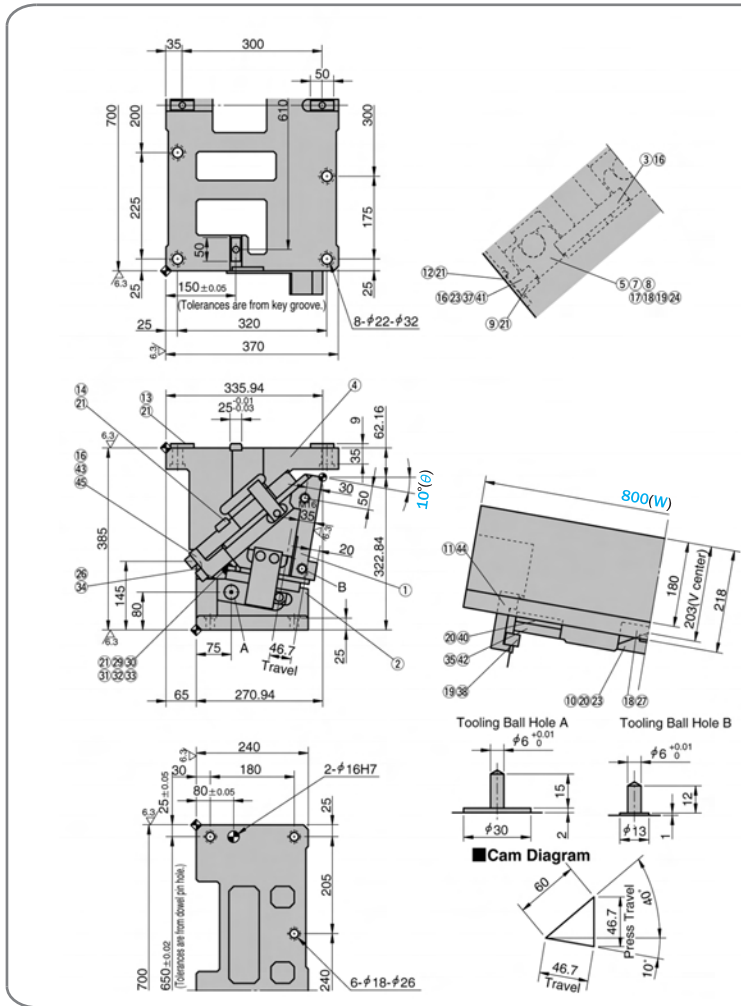
■ 测量球孔B Tooling Ball hole B



KACL800-10

■ 零部件表 Table of Components

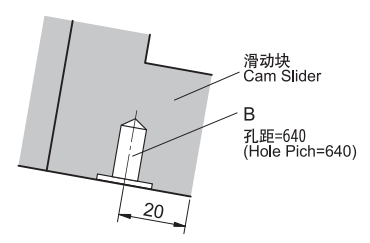
代号 No.	名称 Description	数量 Qty	材料和备注 Material and Remark
①	滑动块 Cam Slider	1	HT300
②	驱动块 Cam Driver	1	HT300
③	上滑板B Base Plate B	2	45
④	底座 Cam Holder	1	HT300
⑤	弹簧滑座 Spring Guide Block	3	QT450
⑦	氮气弹簧 Gas Spring	3	X750-075 By KALLER
⑧	弹簧挡板 Spring Guide Plate	3	45
⑨	上耐磨板 Upper slide Guide	8	铜合金 Bronze
⑩	凸V型 Cam Slide Guide	1	铜合金 Bronze
⑪	下强制拉回 Positive Return Follower	2	45
⑫	安全块 Safety Plate	2	45
⑬	键A Key A	4	45
⑭	键B Key B	6	45
⑳	内螺纹圆柱销 Dowel Pin With Female Thread	6	φ12×40
㉑	缓冲块 Stopper	6	φ22×15
㉒	凹V型 Cam Slide Guide	1	45
㉓	滚轮架 Roller Bracket	1	45
㉔	滚轮 Roller	1	GCr15
㉕	轴 Roller Pin	1	45
㉖	C型卡簧 C Type Snap Ring	2	φ12
㉗	加速器 Accelerator	1	45
㉘	滑板 Slide Plate	2	铜合金 Bronze
㉙	上滑板A Base Plate A	R/L1	45
㉚	强制拉回 Positive Return Follower	2	铜合金 Bronze
㉛	下滑板 Lower Slide Plate	2	45
㉜	挡板 Spring Plate	2	45
㉝	锁面板 Lock Plate	2	45



行程 Travel S	加工力 Working Force kN(tonf)		弹簧力 Spring Force kN(tonf)		滑块重量 Slider Weight kg	总重量 Total Weight kg	代号 Catalog No.	(W)	(θ)	SANKYO 代号对照 Catalog No.
	标准加工力 (100万回) Standard Working Force (one million strokes)	允许加工力 (30万回) Allowable Working Force (300,000 strokes)	初压 Initial Load	终压 Final Load						
46.7	470.4 (48.0)	1411.2 (144.0)	0.0 (0.0)	29.4 (3.0)	156.5	349.8	KACL	800	10	UCMSL

Order Catalog No. (W) - (θ)
KACL 800 - 10

■ 测量球孔B Tooling Ball hole B



KACL 800

KACL800-20

Cam Diagram

零部件表 Table of Components

代号 No.	名称 Description	数量 Qty	材料和备注 Material and Remark
①	滑动块 Cam Slider	1	HT300
②	驱动块 Cam Driver	1	HT300
③	上滑板B Base Plate B	2	45
④	底座 Cam Holder	1	HT300
⑤	弹簧滑座 Spring Guide Block	3	QT450
⑦	氮气弹簧 Gas Spring	3	X750-075 By KALLER
⑧	弹簧挡板 Spring Guide Plate	3	45
⑨	上耐磨板 Upper slide Guide	8	铜合金 Bronze
⑩	凸V型 Cam Slide Guide	1	铜合金 Bronze
⑪	下强制拉回 Positive Return Follower	2	45
⑫	安全块 Safety Plate	2	45
⑬	键A Key A	4	45
⑭	键B Key B	6	45
⑳	内螺纹圆柱销 Dowel Pin With Female Thread	6	ø12×40
㉑	缓冲块 Stopper	6	ø22×15
㉒	凹V型 Cam Slide Guide	1	45
㉓	滚轮架 Roller Bracket	1	45
㉔	滚轮 Roller	1	GCr15
㉕	轴 Roller Pin	1	45
㉖	C型卡簧 C Type Snap Ring	2	ø12
㉗	加速器 Accelerator	1	45
㉘	滑板 Slide Plate	2	铜合金 Bronze
㉙	上滑板A Base Plate A	R/L1	45
㉚	强制拉回 Positive Return Follower	2	铜合金 Bronze
㉛	下滑板 Lower Slide Plate	2	45
㉜	挡板 Spring Plate	2	45
㉝	锁固板 Lock Plate	2	45

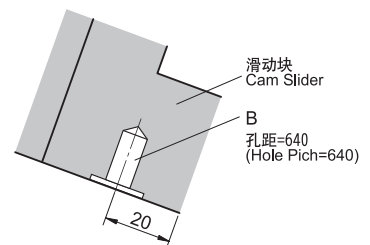
行程 Travel S	加工力 Working Force kN(tonf)		弹簧力 Spring Force kN(tonf)		滑块重量 Slider Weight kg	总重量 Total Weight kg	代号 Catalog No.	(W)	(θ)	SANKYO 代号对照 Catalog No.
	标准加工力 (100万回) Standard Working Force (one million strokes)	允许加工力 (30万回) Allowable Working Force (300,000 strokes)	初压 Initial Load	终压 Final Load						
55.3	470.4 (48.0)	1411.2 (144.0)	0.0 (0.0)	29.4 (3.0)	156.5	345.1	KACL	800	20	UCMSL



Order

Catalog No. **KACL** (W) - (θ) **800 - 20**

测量球孔B Tooling Ball hole B



KACL800-30

Cam Diagram

60
65.1 Travel
53.1 Press Travel
30° 20°

35 300 50 610 300 175 225 200 700 25 150±0.05 320 8-φ22-φ32 25 6.3 370

350.93 25 9 9 104.23 280.77 30°(θ) 75 65.1 Travel 25 350.93 2 21 29 30 31 32 33 14 15 16 45 385 125 225 21 29 30 31 32 33 6.3 240 180 2-φ16H7 80±0.05 25 2.5 240 205 6-φ18-φ26 650±0.02 (Tolerances are from down pin hole)

Tooling Ball Hole A: φ6^{+0.01}/₀, 15, φ30, 2

Tooling Ball Hole B: φ6^{+0.01}/₀, 12, φ13, 1

■ 零部件表
Table of Components

代号 No.	名称 Description	数量 Qty	材料和备注 Material and Remark
①	滑动块 Cam Slider	1	HT300
②	驱动块 Cam Driver	1	HT300
③	上滑板B Base Plate B	2	45
④	底座 Cam Holder	1	HT300
⑤	弹簧滑座 Spring Guide Block	3	QT450
⑦	氮气弹簧 Gas Spring	3	X750-075 By KALLER
⑧	弹簧挡板 Spring Guide Plate	3	45
⑨	上耐磨板 Upper slide Guide	8	铜合金 Bronze
⑩	凸V型 Cam Slide Guide	1	铜合金 Bronze
⑪	下强制拉回 Positive Return Follower	2	45
⑫	安全块 Safety Plate	2	45
⑬	键A Key A	4	45
⑭	键B Key B	6	45
⑳	内螺纹圆柱销 Dowel Pin With Female Thread	6	φ12×40
㉑	缓冲块 Stopper	6	φ22×15
㉒	凹V型 Cam Slide Guide	1	45
㉓	滚轮架 Roller Bracket	1	45
㉔	滚轮 Roller	1	GCr15
㉕	轴 Roller Pin	1	45
㉖	C型卡簧 C-Type Snap Ring	2	φ12
㉗	加速器 Accelerator	1	45
㉘	滑板 Slide Plate	2	铜合金 Bronze
㉙	上滑板A Base Plate A	R/L1	45
㉚	强制拉回 Positive Return Follower	2	铜合金 Bronze
㉛	下滑板 Lower Slide Plate	2	45
㉜	挡板 Spring Plate	2	45
㉝	锁固板 Lock Plate	2	45

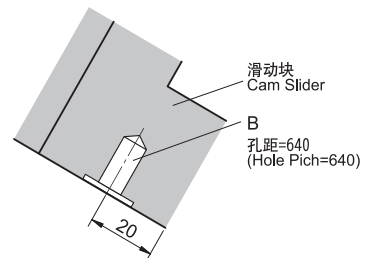
行程 Travel S	加工力 Working Force kN(tonf)		弹簧力 Spring Force kN(tonf)		滑块重量 Slider Weight kg	总重量 Total Weight kg	代号 Catalog No.	(W)	(θ)	SANKYO 代号对照 Catalog No.
	标准加工力 (100万回) Standard Working Force (one million strokes)	允许加工力 (30万回) Allowable Working Force (300,000 strokes)	初压 Initial Load	终压 Final Load						
65.1	470.4 (48.0)	1411.2 (144.0)	0.0 (0.0)	29.4 (3.0)	156.5	353.7	KACL	800	30	UCMSL



Order

Catalog No. **KACL** (W) - (θ) **800 - 30**

■ 测量球孔B Tooling Ball hole B



KACL 800

KACL800-40

Cam Diagram

60
77.1 Travel
60
Press Travel
40°
10°

■ 零部件表
Table of Components

代号 No.	名称 Description	数量 Qty	材料和备注 Material and Remark
①	滑动块 Cam Slider	1	HT300
②	驱动块 Cam Driver	1	HT300
③	上滑板B Base Plate B	2	45
④	底座 Cam Holder	1	HT300
⑤	弹簧滑座 Spring Guide Block	3	QT450
⑦	氮气弹簧 Gas Spring	3	X750-075 By KALLER
⑧	弹簧挡板 Spring Guide Plate	3	45
⑨	上耐磨板 Upper slide Guide	8	铜合金 Bronze
⑩	凸V型 Cam Slide Guide	1	铜合金 Bronze
⑪	下强制拉回 Positive Return Follower	2	45
⑫	安全块 Safety Plate	2	45
⑬	键A Key A	4	45
⑭	键B Key B	6	45
⑳	内螺纹圆柱销 Dowel Pin With Female Thread	6	φ12×40
㉑	缓冲块 Stopper	6	φ22×15
㉒	凹V型 Cam Slide Guide	1	45
㉓	滚轮架 Roller Bracket	1	45
㉔	滚轮 Roller	1	GCr15
㉕	轴 Roller Pin	1	45
㉖	C型卡簧 C Type Snap Ring	2	φ12
㉗	加速器 Accelerator	1	45
㉘	滑板 Slide Plate	2	铜合金 Bronze
㉙	上滑板A Base Plate A	R/L1	45
㉚	强制拉回 Positive Return Follower	2	铜合金 Bronze
㉛	下滑板 Lower Slide Plate	2	45
㉜	挡板 Spring Plate	2	45
㉝	锁面板 Lock Plate	2	45

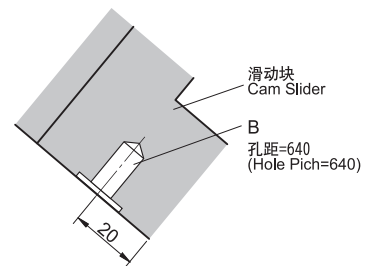
行程 Travel S	加工力 Working Force kN(tonf)		弹簧力 Spring Force kN(tonf)		滑块重量 Slider Weight kg	总重量 Total Weight kg	代号 Catalog No.	(W)	(θ)	SANKYO 代号对照 Catalog No.
	标准加工力 (100万回) Standard Working Force (one million strokes)	允许加工力 (30万回) Allowable Working Force (300,000 strokes)	初压 Initial Load	终压 Final Load						
77.1	470.4 (48.0)	1411.2 (144.0)	0.0 (0.0)	29.4 (3.0)	156.5	363.1	KACL	800	40	UCMSL



Order

Catalog No. **KACL** (W) - (θ) **800 - 40**

■ 测量球孔B Tooling Ball hole B



KACL800-50

Cam Diagram

60
93.3 Travel
71.5 Press Travel
30°

Tooling Ball Hole A: $\phi 6^{+0.01}_0$, $\phi 30$, 15, 2

Tooling Ball Hole B: $\phi 6^{+0.01}_0$, $\phi 13$, 12, 1

Dimensions: 35, 300, 50, 300, 700, 200, 610, 175, 225, 25, 150±0.05, 320, 370, 8- $\phi 22-\phi 32$, 6.3, 25, 25, 60, 355.12, 4, 9, 16.172, 13, 21, 25±0.03, 35, 9, 16.172, 16, 43, 45, 385, 215.0, 160, 110, 25, 223.28, 50°(±), 1523(3/4), 12(2), 9(2), 5(7/8), 17(18/24), 11(44), 19(38), 9(42), 20(45), 10(20/23), 18(27), 205, 240, 25, 2- $\phi 16H7$, 6- $\phi 18-\phi 26$, 650±0.05, 25±0.05, 80±0.05, 240, 180, 205, 218, 205V center, 180, 800(W)

■ 零部件表
Table of Components

代号 No.	名称 Description	数量 Qty	材料和备注 Material and Remark
①	滑动块 Cam Slider	1	HT300
②	驱动块 Cam Driver	1	HT300
③	上滑板B Base Plate B	2	45
④	底座 Cam Holder	1	HT300
⑤	弹簧滑座 Spring Guide Block	3	QT450
⑦	氮气弹簧 Gas Spring	3	X750-075 By KALLER
⑧	弹簧挡板 Spring Guide Plate	3	45
⑨	上耐磨板 Upper slide Guide	8	铜合金 Bronze
⑩	凸V型 Cam Slide Guide	1	铜合金 Bronze
⑪	下强制拉回 Positive Return Follower	2	45
⑫	安全块 Safety Plate	2	45
⑬	键A Key A	4	45
⑭	键B Key B	6	45
23	内螺纹圆柱销 Dowel Pin With Female Thread	6	$\phi 12 \times 40$
24	缓冲块 Stopper	6	$\phi 22 \times 15$
27	凹V型 Cam Slide Guide	1	45
28	滚轮架 Roller Bracket	1	45
30	滚轮 Roller	1	GCr15
31	轴 Roller Pin	1	45
33	C型卡簧 C Type Snap Ring	2	$\phi 12$
34	加速器 Accelerator	1	45
35	滑板 Slide Plate	2	铜合金 Bronze
37	上滑板A Base Plate A	R/L1	45
38	强制拉回 Positive Return Follower	2	铜合金 Bronze
40	下滑板 Lower Slide Plate	2	45
41	挡板 Spring Plate	2	45
43	锁面板 Lock Plate	2	45

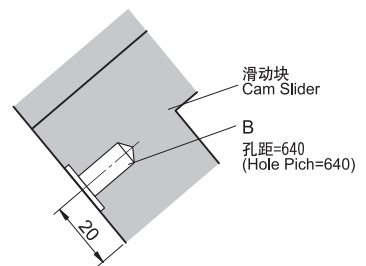
行程 Travel S	加工力 Working Force kN(tonf)		弹簧力 Spring Force kN(tonf)		滑块重量 Slider Weight kg	总重量 Total Weight kg	代号 Catalog No.	(W)	(\theta)	SANKYO 代号对照 Catalog No.
	标准加工力 (100万回) Standard Working Force (one million strokes)	允许加工力 (30万回) Allowable Working Force (300,000 strokes)	初压 Initial Load	终压 Final Load						
93.3	470.4 (48.0)	1411.2 (144.0)	0.0 (0.0)	29.4 (3.0)	156.5	371.9	KACL	800	50	UCMSL



Order

Catalog No. **KACL** (W) - (\theta) **800 - 50**

■ 测量球孔B Tooling Ball hole B



KACL 800

KACL800-60

Cam Diagram

60°
120.0 Travel
103.9 Press Travel

Tooling Ball Hole A: $\phi 6^{+0.01}_0$, 15, $\phi 30$

Tooling Ball Hole B: $\phi 6^{+0.01}_0$, 12, $\phi 13$

■ 零部件表
Table of Components

代号 No.	名称 Description	数量 Qty	材料和备注 Material and Remark
①	滑动块 Cam Slider	1	HT300
②	驱动块 Cam Driver	1	HT300
③	上滑板B Base Plate B	2	45
④	底座 Cam Holder	1	HT300
⑤	弹簧滑座 Spring Guide Block	3	QT450
⑦	氮气弹簧 Gas Spring	3	X750-075 By KALLER
⑧	弹簧挡板 Spring Guide Plate	3	45
⑨	上耐磨板 Upper slide Guide	8	铜合金 Bronze
⑩	凸V型 Cam Slide Guide	1	铜合金 Bronze
⑪	下强制拉回 Positive Return Follower	2	45
⑫	安全块 Safety Plate	2	45
⑬	键A Key A	4	45
⑭	键B Key B	6	45
⑳	内螺纹圆柱销 Dowel Pin With Female Thread	6	$\phi 12 \times 40$
㉑	缓冲块 Stopper	6	$\phi 22 \times 15$
㉒	凹V型 Cam Slide Guide	1	45
㉓	滚轮架 Roller Bracket	1	45
㉔	滚轮 Roller	1	GCr15
㉕	轴 Roller Pin	1	45
㉖	C型卡簧 C Type Snap Ring	2	$\phi 12$
㉗	加速器 Accelerator	1	45
㉘	滑板 Slide Plate	2	铜合金 Bronze
㉙	上滑板A Base Plate A	R/L1	45
㉚	强制拉回 Positive Return Follower	2	铜合金 Bronze
㉛	下滑板 Lower Slide Plate	2	45
㉜	挡板 Spring Plate	2	45
㉝	锁固板 Lock Plate	2	45

行程 Travel S	加工力 Working Force kN(tonf)		弹簧力 Spring Force kN(tonf)		滑块重量 Slider Weight kg	总重量 Total Weight kg	代号 Catalog No.	(W)	(θ)	SANKYO 代号对照 Catalog No.
	标准加工力 (100万回) Standard Working Force (one million strokes)	允许加工力 (30万回) Allowable Working Force (300,000 strokes)	初压 Initial Load	终压 Final Load						
120.0	470.4 (48.0)	1411.2 (144.0)	0.0 (0.0)	29.4 (3.0)	172.0	396.6	KACL	800	60	UCMSL



Order

Catalog No. **KACL** (W) - (θ) **800 - 60**

■ 测量球孔B Tooling Ball hole B

