



EXPLODED VIEW DRAWING & PARTS LIST

SKD-RBK60L	SKD-RBK60P
SKD-RBK90L	SKD-RBK90P
SKD-RBK120L	SKD-RBK120P
SKD-RBK120LF	SKD-RBK120PF
SKD-RBK180L	SKD-RBK180P
SKD-RBK180LF	SKD-RBK180PF
SKD-RBK250L	SKD-RBK250P
SKD-RBK350L	SKD-RBK350P
SKD-RBK500L	SKD-RBK500P

Attention!

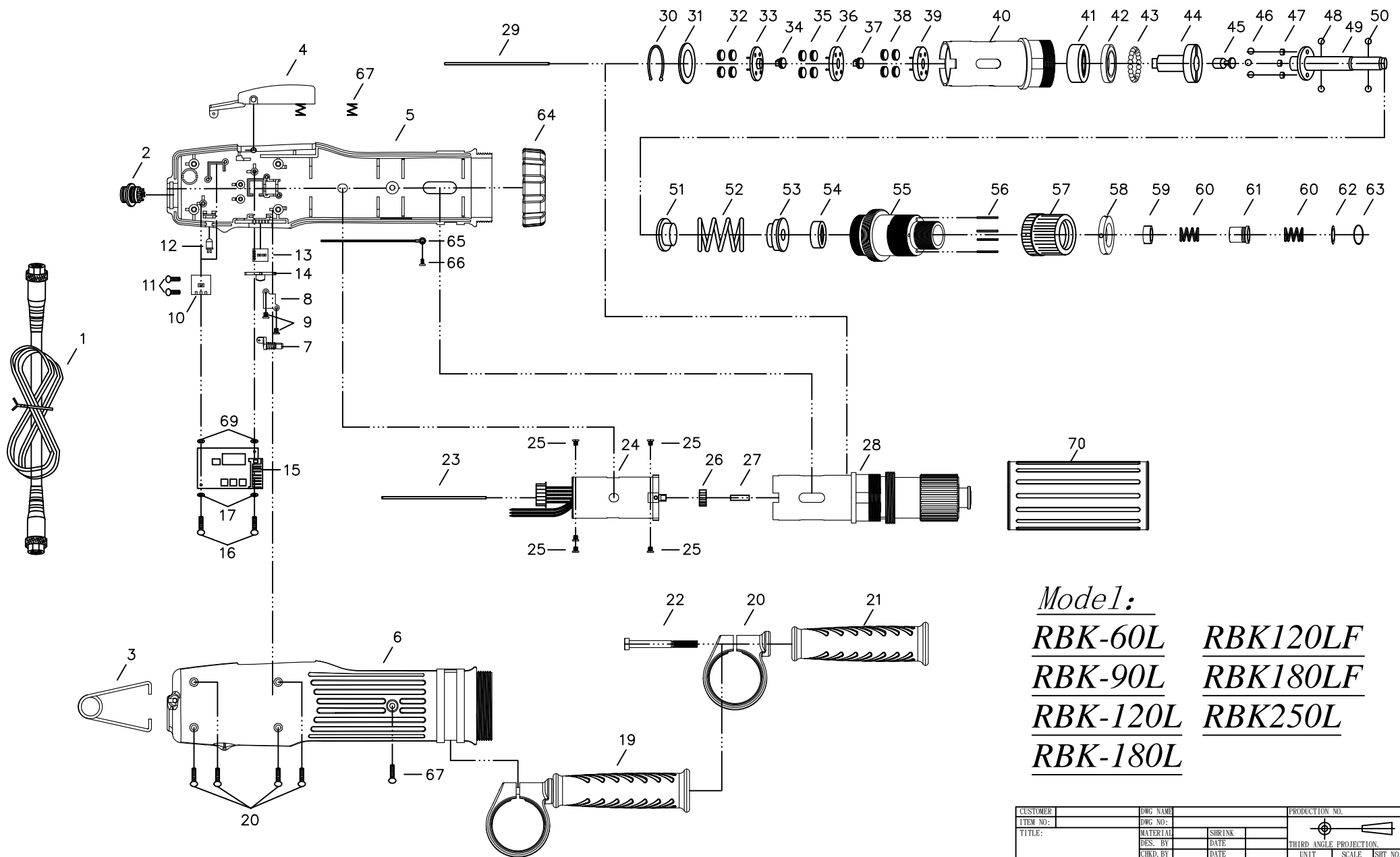
RBK120/RBK180/RBK250/RBK350 is belonging to high torque series. For safety consideration, please collaborate it with Auxiliary Arm (KP-AUXA/KP-AUXA-500 Series).

DC-TYPE Automatic Non Carbon-Brush Series

KILEWS INDUSTRIAL CO., LTD.

<http://www.kilews.com>

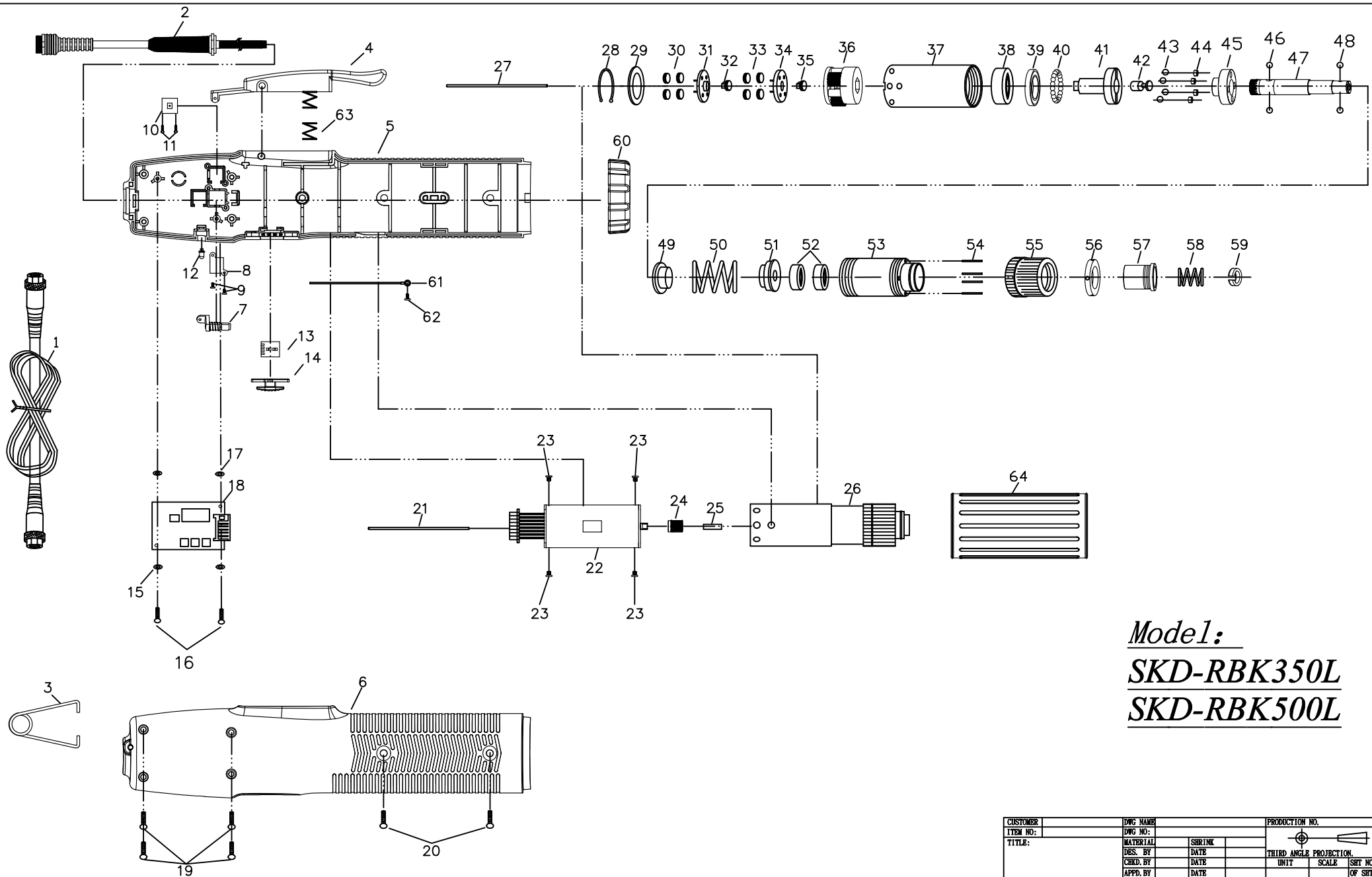
Y2F183B-E-001



Model:
RBK-60L RBK120LF
RBK-90L RBK180LF
RBK-120L RBK250L
RBK-180L

CUSTOMER	DWG. NAME	PRODUCTION NO.				
ITEM NO:	DWG. NO.:	 THIRD ANGLE PROJECTION				
TITLE:	MATERIAL				SHRINK	
	DES. BY				DATE	
	CHKD. BY				DATE	
	APPD. BY	DATE		UNIT	SCALE	SHT NO.
						OF SHTS.

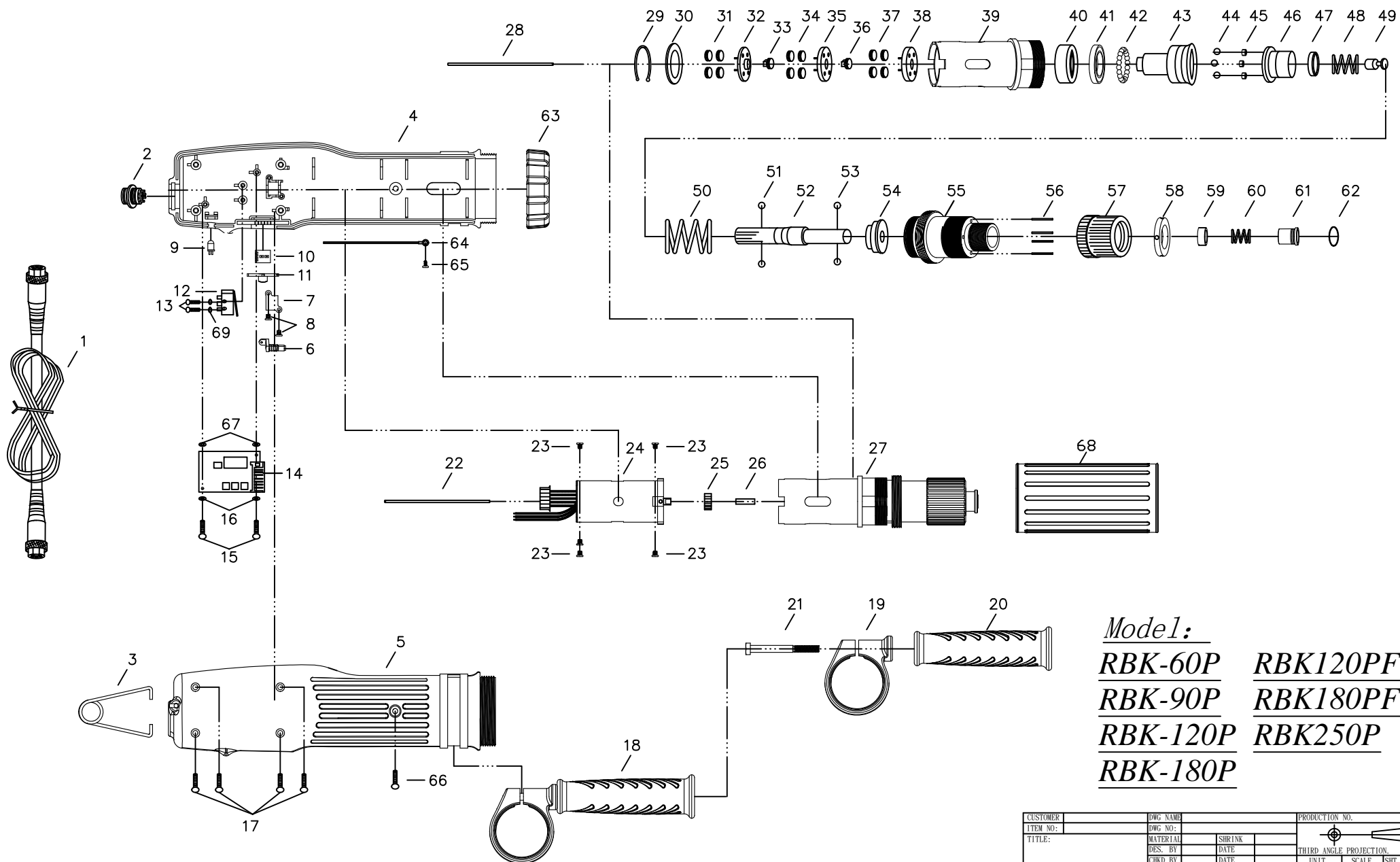
NO	PARTS NO	PARTS NAME-E	PARTS NAME-C	Qty	NO	PARTS NO	PARTS NAME-E	PARTS NAME-C	Qty
1	AA50001-56	CORD ASSEMBLY 2M	電源線 2M	1	32	GH92235	IDLE GEAR-RBK60L	上游星齒輪-RBK60L	3
	AA50001-139N	CORD ASSEMBLY 3M "I/O Signal Control Box" TYPE	電源線 3M (訊號傳輸控制裝置)	1		GH92234	IDLE GEAR-RBK90L/120LF	上游星齒輪-RBK90L/120LF	4
2	PZ50190	CONNECTOR ASSEMBLY	6芯插座	1		GH92233	IDLE GEAR-RBK120L/180LF	上游星齒輪-RBK120L/180LF	3
3	CJ20012-1	SUSPENSION HOOK	起子吊鉤	1		GH92232	IDLE GEAR-RBK180L/250L	上游星齒輪-RBK180L/250L	4
4	CC50016	TRIGGER ASSEMBLY	手按開關半成品	1	33	GG21512	GEAR SEAT-RBK60L	上齒盤-RBK60L	1
	CC50016-1	TRIGGER ASSEMBLY -ESD	手按開關半成品-防靜電	1		GG21511	GEAR SEAT-RBK90L/120LF	上齒盤-RBK90L/120LF	1
5	C40747-15F	HOUSING-UNDERSIDE A'ssy	外殼下蓋半成品	1		GG21510	GEAR SEAT-RBK120L/180LF	上齒盤-RBK120L/180LF	1
	C40747-16F	HOUSING-UNDERSIDE A'ssy-ESD	外殼下蓋半成品-防靜電	1		GG21509	GEAR SEAT-RBK180L/250L	上齒盤-RBK180L/250L	1
6	CA93114	HOUSING-UPSIDE	外殼上蓋	1	34	G20109	CENTRAL GEAR-RBK60L	中心齒-RBK60L	1
	CA93114-1	HOUSING-UPSIDE-ESD	外殼上蓋-防靜電	1		G20108	CENTRAL GEAR-RBK90L/120LF	中心齒-RBK90L/120LF	1
7	CE50152-3	PUSH ROD	開關推桿半成品	1		G20107	CENTRAL GEAR-RBK120L/180LF	中心齒-RBK120L/180LF	1
8	CE80001	FUXURE	固定片	1		G20111	CENTRAL GEAR-RBK180L/250L	中心齒上層-RBK180L/250L	1
9	CH30200	SCREW FOR FUXURE	固定片螺絲	2	35	GH92236	IDLE GEAR-RBK180/250L	中游星齒輪-RBK180L/250L	4
10	EG31420-11F	START SWITCH PCB	啟動開關機板	1	36	GG21513	GEAR SEAT-RBK180/250L	中齒盤-RBK180L/250L	1
11	CH30201	SCREW FOR START PCB	螺絲	2	37	G20110	CENTRAL GEAR-RBK180/250L	中心齒下層-RBK180L/250L	1
12	E33105-1	LED	LED	1	38	GH92235-1	IDLE GEAR-RBK60L	下游星齒輪-RBK60L	3
13	EG31421-17F	CHANGEVER SWITCH PCB	正反開關機板	1		GH92234-1	IDLE GEAR-RBK90L/120LF	下游星齒輪-RBK90L/120LF	4
14	CI50212-6	F/R SWITCHING ELEMENT-RBK60L	正反轉推板-RBK60L	1		GH92233-1	IDLE GEAR-RBK120L/180LF	下游星齒輪-RBK120L/180LF	3
	CI50212-7	F/R SWITCHING ELEMENT-RBK90L	正反轉推板-RBK90L	1		GH92232-1	IDLE GEAR-RBK180L/250L	下游星齒輪-RBK180L/250L	4
	CI50212-9	F/R SWITCHING ELEMENT-RBK120L/120LF	正反轉推板-RBK120L/120LF	1	39	GG21512-1	GEAR SEAT-RBK60L	下齒盤-RBK60L	1
	CI50212-11	F/R SWITCHING ELEMENT-RBK180L/180LF	正反轉推板-RBK180L/180LF	1		GG21511-1	GEAR SEAT-RBK90L/120LF	下齒盤-RBK90L/120LF	1
	CI50212-10	F/R SWITCHING ELEMENT-RBK250L	正反轉推板-RBK250L	1		GG21510-1	GEAR SEAT-RBK120L/180LF	下齒盤-RBK120L/180LF	1
15	EG31445-18BN	PCB FOR	控制機板成品	1		GG21509-1	GEAR SEAT-RBK180L/250L	下齒盤-RBK180L/250L	1
16	CH90154	SCREW FOR PCB	固定PCB螺絲	2	40	GA91286	GEAR CASE-RBK60L/90L/120L/120LF/180LF	L離合器筒-RBK60L/90L/120L/120LF/180LF	1
	CH20510	SCREW FOR PCB-ESD	固定PCB螺絲-防靜電	2		GA91285	GEAR CASE-RBK180L/250L	上離合器筒-RBK180L/250L	1
17	P11020-1	INSULATING WASHER-ESD(UP)	絕緣墊片 0.8mm-防靜電-上	2	41	GN30433	MAIN BEARING	離合器主軸承	1
18	CH20102	SCREW FOR HOUSING	螺絲	4	42	G21427-3	PLATE-CLUTCH	離合器止推片	1
19	CF85002	SIDE HANDLE ASS'Y	側手把半成品	1	43	GP30351	STELL BALLS(4mm)	鋼珠(4mm)	18
20	C15002	CLAMP-SIDE HANDLE	側手把固定環	1	44	GC90303-2	CAM	上離合器頭	1
21	C15001	HANDLE-SIDE HANDLE	手把	1	45	GU30372	STOP PILOT	酒杯	1
22	CH30195	SCREW	六角螺絲	1	46	GP30381	STELL BALLS(6mm)	跳脫鋼珠(6mm)	4
23	M30511-8	PILOT ROD	開關引導棒	1	47	GP30382	CUSHION	鋼珠墊塊 5.5* ϕ 5.9mm	4
24	MO91506-1CE	MOTOR ASSEMBLY	馬達整組	1	48	GP30381	STELL BALLS(6mm)	酒杯鋼珠(6mm)	2
25	CH20504-11	SCREW FOR MOTOR	馬達固定螺絲	5	49	GD91405-1	SHAFT FOR HEX "B"	傳動軸(B) 頭用	1
26	M11321	GEAR FOR RBK60L	主齒-RBK60L	1		GD91405-2	SHAFT FOR HEX "B9.5"	傳動軸(B9.5) 頭用	1
	M11320	GEAR-RBK90L/120LF	主齒-RBK90L/120LF	1		GD91403-3	SHAFT FOR Round-socket	傳動軸W 頭用	1
	M11319	GEAR-RBK120L/180LF	主齒-RBK120L/180LF	1	50	GP30371	STELL BALLS(3.15mm) HEX	起子頭帽鋼珠(3.15mm) B頭用	2
	M11318	GEAR-RBK180L/250L	主齒-RBK180L/250L	1	51	GF90323	WARING PLATE	扭力推盤	1
27	MG30081-2	PILOT ROD	陶瓷棒	1	52	GE92383B-1	WARING SPRING-RBK60L"	扭力彈簧-RBK60L	1
28	GZ15006R-3	CLUTCH ASSEMBLY-RBK60LB	離合器整組-RBK60LB	1		GE92384	WARING SPRING-RBK90L"	扭力彈簧-RBK90L	1
	GZ15006R-4	CLUTCH ASSEMBLY-RBK60LW	離合器整組-RBK60LW	1		GE92385-1	WARING SPRING-RBK120L/120LF	扭力彈簧-RBK120L/120LF	1
	GZ15006R-5	CLUTCH ASSEMBLY-RBK60LB9.5	離合器整組-RBK60LB9.5	1		GE92386-1	WARING SPRING-RBK180L/180LF	扭力彈簧-RBK180L/180LF	1
	GZ15009R-3	CLUTCH ASSEMBLY-RBK90LB	離合器整組-RBK90LB	1		GE92415	WARING SPRING-RBK250L	扭力彈簧-RBK250L	1
	GZ15009R-4	CLUTCH ASSEMBLY-RBK90LW	離合器整組-RBK90LW	1	53	GY21322	WARING SPRING BASE	止推盤	1
	GZ15009R-5	CLUTCH ASSEMBLY-RBK90LB9.5	離合器整組-RBK90LB9.5	1	54	GN30432	BEARING	軸承	1
	GZ15012R-3	CLUTCH ASSEMBLY-RBK120LB	離合器整組-RBK120LB	1	55	G20211	CLUTCH CASE	下離合器筒	1
	GZ15012R-4	CLUTCH ASSEMBLY-RBK120LW	離合器整組-RBK120LW	1	56	GL30483	TORQUE ADJUSTING PINS	扭力調整棒	4
	GZ15012R-5	CLUTCH ASSEMBLY-RBK120LB9.5	離合器整組-RBK120LB9.5	1	57	GM30493	TORQUE ADJUSTING RING	扭力調整環	1
	GZ15018R-3	CLUTCH ASSEMBLY-RBK180LB	離合器整組-RBK180LB	1	58	GS30503	"C"RING	扭力環固定環	1
	GZ15018R-4	CLUTCH ASSEMBLY-RBK180LW	離合器整組-RBK180LW	1	59	G21303	SPACER FOR HEX	起子頭帽墊圈 LB專用	1
	GZ15018R-5	CLUTCH ASSEMBLY-RBK180LB9.5	離合器整組-RBK180LB9.5	1	60	GO21342	BIT SPRING FOR HEX	起子頭帽彈簧 LB專用	2
	GZ15022R	CLUTCH ASSEMBLY-RBK120LFB	離合器整組-RBK120LFB	1	61	GJ30471B	BIT SLEEVE FOR HEX	起子頭帽 LB專用	1
	GZ15022R-1	CLUTCH ASSEMBLY-RBK120LFB9.5	離合器整組-RBK120LFB9.5	1	62	G21436	WASHER FOR "C"TYPE "B"	起子頭帽彈簧墊片 LB專用	1
	GZ15022R-2	CLUTCH ASSEMBLY-RBK120LFW	離合器整組-RBK120LFW	1	63	GQ30472	"C"RING FOR HEX	起子頭帽 C環LB專用	1
	GZ15021R	CLUTCH ASSEMBLY-RBK180LFB	離合器整組-RBK180LFB	1	64	CD91034	COUPLER	前鎖環	1
	GZ15021R-1	CLUTCH ASSEMBLY-RBK180LFB9.5	離合器整組-RBK180LFB9.5	1		CD91034-1	COUPLER-ESD	前鎖環-防靜電	1
	GZ15021R-2	CLUTCH ASSEMBLY-RBK180LFW	離合器整組-RBK180LFW	1	65	CH50671-6	GROUNDING MEANS	接地線	1
	GZ15019R	CLUTCH ASSEMBLY-RBK250LB	離合器整組-RBK250LB	1	66	CH20102-11	SCREW	地線螺絲	1
	GZ15019R-1	CLUTCH ASSEMBLY-RBK250LB9.5	離合器整組-RBK250LB9.5	1	67	CH30228-1	SCREW	螺絲	2
	GZ15019R-2	CLUTCH ASSEMBLY-RBK250LW	離合器整組-RBK250LW	1	68	CK28031-1	TRIGGER SPRING	壓板彈簧	1
29	M30511-7	PILOT ROD	開關引導棒	1	69	P11020-4	INSULATING WASHER-ESD(DOWN)	絕緣墊片 0.3mm-防靜電-下	2
30	GK20232	"C"RING	齒輪固定 C環	1	70	PE02003-7	Soft Cover	軟膠套	2
31	GI28442	IRON WASHER	齒輪固定片	1					



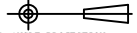
Model:
SKD-RBK350L
SKD-RBK500L

CUSTOMER	DWG NAME			PRODUCTION NO.				
ITEM NO:	DWG NO:	MATERIAL	SBRINK	 THIRD ANGLE PROJECTION				
TITLE:	DES. BY	DATE	DATE				UNIT	SCALE
	CHKD. BY	DATE	DATE				UNIT	SCALE
	APPD. BY	DATE	DATE				UNIT	SCALE
						SET NO. OF SETS.		

NO	PARTS NO	PARTS NAME-E	PARTS NAME-C	Q'ty	NO	PARTS NO	PARTS NAME-E	PARTS NAME-C	Q'ty
1	AA50001-56	CORD ASSEMBLY 2M	電源線 2M	1	33	GH92256-1	IDLE GEAR-RBK350L	中游星齒輪-RBK350L	4
	AA50001-139N	CORD ASSEMBLY 3M "I/O Signal Control Box" TYPE	電源線 3M (訊號傳輸控制裝置)	1		GH92259-1	IDLE GEAR-RBK500L	中游星齒輪-RBK500L	4
2	AA50001-169-1N-T	CONNECTOR ASSEMBLY	6芯插座	1	34	GG92283-1	GEAR SEAT-RBK350L	中齒盤-RBK350L	1
3	CJ20012-1	SUSPENSION HOOK	起子吊鉤	1		GG92286-1	GEAR SEAT-RBK500L	中齒盤-RBK500L	1
4	CC50021F	TRIGGER ASSEMBLY	手按開關半成品	1	35	GG92283-4	CENTRAL GEAR-RBK350L	中心齒下層-RBK350L	1
	CC50021-1F	TRIGGER ASSEMBLY-ESD	手按開關半成品-防靜電	1		GG92286-4	CENTRAL GEAR-RBK500L	中心齒下層-RBK500L	1
5	C40779F-SNBC-6P	HOUSING-UNDERSIDE A'ssy	外殼下蓋半成品	1	36	GG92283-2	GEAR SEAT GROUP-RBK350L	下齒盤組-RBK350L	4
	C40779-1F-SNBC-6P	HOUSING-UNDERSIDE A'ssy-ESD	外殼下蓋半成品-防靜電	1		GG92286-2	GEAR SEAT GROUP-RBK500L	下齒盤組-RBK500L	4
6	CA93117	HOUSING-UPSIDE	外殼上蓋	1	37	GA91289	GEAR CASE-RBK350L	上離合器筒-RBK350L	1
	CA93117-1	HOUSING-UPSIDE-ESD	外殼上蓋-防靜電	1		GA91290	GEAR CASE-RBK500L	上離合器筒-RBK500L	1
7	CE50155	PUSH ROD	開關推桿半成品	1	38	GN21251-3	MAIN BEARING	離合器主軸承	1
8	CE80003	FUXURE	固定片	1	39	G21427-5	PLATE-CLUTCH	離合器止推片	1
9	CH30200	SCREW FOR FUXURE	固定片螺絲	2	40	GP30381-2	STELL BALLS(7.14mm)	鋼珠(7.14mm)	13
10	EG31420-11F	START SWITCH PCB	啟動開關機板	1	41	GC90319	CAM	上離合器頭	1
11	CH30201	SCREW FOR START PCB	螺絲	2	42	GU30374	STOP PILOT	酒杯	1
12	E33105-4	LED	LED	1	43	GP30381-3	STELL BALLS(7mm)	跳脫鋼珠(7mm)	4
13	EG31421-17F	CHANGEVER SWITCH PCB	正反開關機板	1	44	GP30383-3	CUSHION	鋼珠墊塊	4
14	CI50212-10	F/R SWITCHING ELEMENT-RBK350L	正反轉推板-RBK350L	1	45	G21109	SHAFT COUPLER	傳動軸連接套	1
	CI50212-8	F/R SWITCHING ELEMENT-RBK500L	正反轉推板-RBK500L	1	46	GP30381-3	STELL BALLS(7mm)	酒杯鋼珠(7mm)	2
15	EG31454	PCB FOR	控制機板成品	1	47	GD91421	SHAFT FOR HEX "B"-RBK350L	傳動軸(B)-RBK350L	1
16	CH90154	SCREW FOR PCB	固定PCB螺絲	2		GD91421-1	SHAFT FOR HEX "B9.5"-RBK350L	傳動軸(B9.5)-RBK350L	1
	CH20510	SCREW FOR PCB-ESD	固定PCB螺絲-防靜電	2		GD91421W	SHAFT FOR "W"-RBK350L	傳動軸(W)-RBK350L	1
17	P11020-1	INSULATING WASHER-ESD	絕緣墊片-防靜電	2		GD91423W	SHAFT FOR "W"-RBK500L	傳動軸(W)-RBK500L	1
18	P11020-4	INSULATING WASHER-ESD	絕緣墊片-防靜電	2	48	GP30351	STELL BALLS-4mm "B"	起子頭帽鋼珠-4mm (B)	2
19	CH20102	SCREW FOR HOUSING	螺絲	4	49	GF90325-1	WARING PLATE	扭力推盤	1
20	CH30228-2	SCREW FOR HOUSING	螺絲	4	50	GE92419	WARING SPRING-RBK350L	扭力彈簧-RBK350L	1
21	MI30511-8	PILOT ROD	開關引導棒	1		GE92419-3	WARING SPRING-RBK500L	扭力彈簧-RBK500L	1
22	MO91507-1CE	MOTOR ASSEMBLY	馬達整組	1	51	GY21325	WARING SPRING BASE-RBK350L	止推盤-RBK350L	1
23	CH20504-11	SCREW FOR MOTOR	馬達固定螺絲	5		GY21325-2	WARING SPRING BASE-RBK500L	止推盤-RBK500L	1
24	M11339	GEAR-RBK350L	主齒-RBK350L	1	52	GN21251-1	BEARING-RBK350L	軸承-RBK350L	2
	M11340	GEAR-RBK500L	主齒-RBK500L	1		GN21251-2	BEARING-RBK500L	軸承-RBK500L	2
25	MG30081-2	PILOT ROD	陶瓷棒	1	53	G20214	CLUTCH CASE-RBK350L	下離合器筒-RBK350L	1
26	GZ15023R	CLUTCH ASSEMBLY-RBK350LB	離合器整組-RBK350LB	1		G20214-1	CLUTCH CASE-RBK500L	下離合器筒-RBK500L	1
	GZ15023R-1	CLUTCH ASSEMBLY-RBK350LB9.5	離合器整組-RBK350LB9.5	1	54	GL30481-7	TORQUE ADJUSTING PINS	扭力調整棒	4
	GZ15023R-2	CLUTCH ASSEMBLY-RBK350LW	離合器整組-RBK350LW	1	55	GM30499	TORQUE ADJUSTING RING	扭力調整環	1
	GZ15024R	CLUTCH ASSEMBLY-RBK500LW	離合器整組-RBK500LW	1	56	GS30503-1	"C"RING	扭力環固定環	1
27	MI30511-13	PILOT ROD	開關引導棒	1	57	GO21350	BIT SPRING "B"	起子頭帽彈簧 (B)	2
28	GK20232-1	"C"RING	齒輪固定 C環	1	58	GJ30476	BIT SLEEVE "B"	起子頭帽 (B)	1
29	GI28450	IRON WASHER	齒輪固定片	1	59	GQ21366	"C"RING "B"	起子頭帽 C環 (B)	1
30	GH92256	IDLE GEAR-RBK350L	上游星齒輪-RBK350L	4	60	CD91040-1	COUPLER	前鎖環	1
	GH92259	IDLE GEAR-RBK500L	上游星齒輪-RBK500L	4	61	CH50671-16	GROUNDING MEANS	接地線	1
31	GG92283	GEAR SEAT-RBK350L	上齒盤-RBK350L	1	62	CH20102-11	SCREW	地線螺絲	1
	GG92286	GEAR SEAT-RBK500L	上齒盤-RBK500L	1	63	CK28031-2	TRIGGER SPRING	壓板彈簧	1
32	GG92283-3	CENTRAL GEAR-RBK350L	中心齒-RBK350L	1	64	PE02003-8	Soft Cover	軟膠套	2
	GG92286-3	CENTRAL GEAR-RBK500L	中心齒-RBK500L	1					



Model:
RBK-60P RBK120PF
RBK-90P RBK180PF
RBK-120P RBK250P
RBK-180P

CUSTOMER	DWG. NAME	PRODUCTION NO.				
ITEM NO.	DWG. NO.	 THIRD ANGLE PROJECTION				
TITLE:	MATERIAL				SHRINK	
	DES. BY				DATE	
	CHKD. BY				DATE	
	APPD. BY				DATE	
		UNIT	SCALE	SHT. NO. OF SHTS.		

NO	PARTS NO	PARTS NAME-E	PARTS NAME-C	Qty	NO	PARTS NO	PARTS NAME-E	PARTS NAME-C	Qty
1	AA50001-56	CORD ASSEMBLY 2M	電源線 2M	1		GH92234	IDLE GEAR-RBK90P/120PF	上游星齒輪-RBK90P/120PF	4
	AA50001-139N	CORD ASSEMBLY 3M "I/O Signal Control Box" TYPE	電源線 3M (訊號傳輸控制裝置)	1		GH92233	IDLE GEAR-RBK120P/180PF	上游星齒輪-RBK120P/180PF	3
2	PZ50190	CONNECTOR ASSEMBLY	6芯插座	1		GH92232	IDLE GEAR-RBK180P/250P	上游星齒輪-RBK180P/250P	4
3	CJ20012-1	SUSPENSION HOOK	起子吊鉤	1	32	GG21512	GEAR SEAT FOR RBK60P	上齒盤-RBK60P	1
4	C40748-13F	HOUSING-UNDERSIDE A'ssy	外殼下蓋半成品	1		GG21511	GEAR SEAT-RBK90P/120PF	上齒盤-RBK90P/120PF	1
	C40748-14F	HOUSING-UNDERSIDE A'ssy-ESD	外殼下蓋半成品-防靜電	1		GG21510	GEAR SEAT-RBK120P/180PF	上齒盤-RBK120P/180PF	1
5	CA93115	HOUSING-UPSIDE	上蓋	1		GG21509	GEAR SEAT-RBK180P/250P	上齒盤-RBK180P/250P	1
	CA93115-1	HOUSING-UPSIDE-ESD	上蓋-防靜電	1	33	G20109	CENTRAL GEAR-RBK60P	中心齒-RBK60P	1
6	CE50152-3	PUSH ROD	開關推桿半成品	1		G20108	CENTRAL GEAR-RBK90P/120PF	中心齒-RBK90P/120PF	1
7	CE80001	FIXTURE	三合一固定片	1		G20107	CENTRAL GEAR-RBK120P/180PF	中心齒-RBK120P/180PF	1
8	CH30200	SCREW FOR FIXTURE	三合一固定片 螺絲	2		G20111	CENTRAL GEAR-RBK180P/250P	中心齒上層-RBK180P/250P	1
9	E33105-1	LED	LED	1	34	GH92236	IDLE GEAR-RBK180/250P	中游星齒輪-RBK180P/250P	4
10	EG31421-17F	CHANGEVER SWITCH PCB	正反開關機板	1	35	GG21513	GEAR SEAT-RBK180/250P	中齒盤-RBK180P/250P	1
11	CI50212-6	F/R SWITCHING ELEMENT-RBK60P	正反轉推板-RBK60P	1	36	G20110	CENTRAL GEAR-RBK180/250P	中心齒下層-RBK180P/250P	1
	CI50212-7	F/R SWITCHING ELEMENT-RBK90P	正反轉推板-RBK90P	1	37	GH92235-1	IDLE GEAR-RBK60P	下游星齒輪-RBK60P	3
	CI50212-9	F/R SWITCHING ELEMENT-RBK120P/120PF	正反轉推板-RBK120P/120PF	1		GH92234-1	IDLE GEAR-RBK90P/120PF	下游星齒輪-RBK90P/120PF	4
	CI50212-11	F/R SWITCHING ELEMENT-RBK180P/180PF	正反轉推板-RBK180P/180PF	1		GH92233-1	IDLE GEAR-RBK120P/180PF	下游星齒輪-RBK120P/180PF	3
	CI50212-10	F/R SWITCHING ELEMENT-RBK250P	正反轉推板-RBK250P	1		GH92232-1	IDLE GEAR-RBK180P/250P	下游星齒輪-RBK180P/250P	4
12	H10201	SHUT OFF SWITCH	剎車開關	1	38	GG21512-1	GEAR SEAT-RBK60P	下齒盤-RBK60P	1
13	CH90151-1	SCREW FOR SHUT OFF SWITCH	剎車開關螺絲	2		GG21511-1	GEAR SEAT-RBK90P/120PF	下齒盤-RBK90P/120PF	1
14	EG31445-18BN	PCB	控制機板成品	1		GG21510-1	GEAR SEAT-RBK120P/180PF	下齒盤-RBK120P/180PF	1
15	CH90154	SCREW FOR PCB	固定PCB螺絲	2		GG21509-1	GEAR SEAT-RBK180P/250P	下齒盤-RBK180P/250P	1
	CH20510	SCREW FOR PCB-ESD	固定PCB螺絲-防靜電	2	39	GA91286	GEAR CASE-RBK60P/90P/120P/120PF/180PF	上離合器筒-RBK60P/90P/120P/120PF/180PF	1
16	P11020-1	INSULATING WASHER-ESD(UP)	絕緣墊片 0.8mm-防靜電(上)	2		GA91285	GEAR CASE-RBK180P/250P	上離合器筒-RBK180P/250P	1
17	CH20102	SCREW FOR HOUSING	外殼螺絲	4	40	GN30433	MAIN BEARING	離合器主軸承	1
18	CF85002	SIDE HANDLE ASS'Y	側手把半成品	1	41	G21427-3	PLATE-CLUTCH	離合器止推片	1
19	CL5002	CLAMP-SIDE HANDLE	側手把固定環	1	42	GP30351	STELL BALLS(4φ)	鋼珠(4φ)	18
20	C15001	HANDLE-SIDE HANDLE	手把	1	43	GX90306-2	CAM	上離合器頭	1
21	CH30195	SCREW	六角螺絲	1	44	GP30381	STELL BALLS 6φ	跳脫鋼珠 6φ	4
22	MI30511-8	PILOT ROD	開關引導棒	1	45	GP30383	CUSHION	鋼珠墊塊 4.7*φ 5.9mm	4
23	CH20504-11	SCREW FOR MOTOR	馬達固定螺絲	5	46	GF90325	WARING PLATE	扭力推盤	1
24	MO91506-1CE	MOTOR ASSEMBLY	馬達整組	1	47	GV90330	SPRING CAP	扭力推盤蓋	1
25	M11321	GEAR-RBK60P	主齒-RBK60P	1	48	GO90342	INNER SPRING	下壓式彈簧	1
	M11320	GEAR-RBK90P/120PF	主齒-RBK90P/120PF	1	49	GU30372	STOP PILOT	停止用酒杯	1
	M11319	GEAR-RBK120P/180PF	主齒-RBK120P/180PF	1	50	GE92390	WARING SPRING-RBK60P	扭力彈簧-RBK60P	1
	M11318	GEAR-RBK180P/250P	主齒-RBK180P/250P	1		GE92391-3	WARING SPRING-RBK90P	扭力彈簧-RBK90P	1
26	MG30081-2	PILOT ROD	陶瓷棒	1		GE92392-1	WARING SPRING-RBK120P/120PF	扭力彈簧-RBK120P/120PF	1
27	GZ15002-5B-2	CLUTCH ASSEMBLY-RBK60PB	離合器成品-RBK60PB	1		GE92393-1	WARING SPRING-RBK180P/180PF	扭力彈簧-RBK180P/180PF	1
	GZ15002-5B-3	CLUTCH ASSEMBLY-RBK60PB9.5	離合器成品-RBK60PB9.5	1		GE92414-1	WARING SPRING-RBK250P	扭力彈簧-RBK250P	1
	GZ15002-5W-1	CLUTCH ASSEMBLY-RBK60PW	離合器成品-RBK60PW	1	51	GP30381	STELL BALLS 6φ	酒杯鋼珠 6φ	2
	GZ15002-6B-2	CLUTCH ASSEMBLY-RBK90PB	離合器成品-RBK90PB	1	52	GD91406	SHAFT FOR "PB" TYPE	傳動軸 B-TYPE	1
	GZ15002-6B-3	CLUTCH ASSEMBLY-RBK90PB9.5	離合器成品-RBK90PB9.5	1		GD91406-1	SHAFT FOR "PB9.5" TYPE	傳動軸 B9.5-TYPE	1
	GZ15002-6W-1	CLUTCH ASSEMBLY-RBK90PW	離合器成品-RBK90PW	1		GD91407	SHAFT FOR "PW" TYPE	傳動軸 W-TYPE	1
	GZ15002-7B-2	CLUTCH ASSEMBLY-RBK120PB	離合器成品-RBK120PB	1	53	GP30371	STELL BALLS 3.15φ	起子頭帽鋼珠 PB 3.15φ	2
	GZ15002-7B-3	CLUTCH ASSEMBLY-RBK120PB9.5	離合器成品-RBK120PB9.5	1	54	GY21323	WARING SPRING BASE	止推盤	1
	GZ15002-7W-1	CLUTCH ASSEMBLY-RBK120PW	離合器成品-RBK120PW	1	55	GB30445-1	CLUTCH CASE ASSY	下離合器筒半成品	1
	GZ15002-8B-2	CLUTCH ASSEMBLY-RBK180PB	離合器成品-RBK180PB	1	56	GL30483	TORQUE ADJUSTING PINS	扭力調整棒	4
	GZ15002-8B-3	CLUTCH ASSEMBLY-RBK180PB9.5	離合器成品-RBK180PB9.5	1	57	GM30493	TORQUE ADJUSTING RING	扭力調整環	1
	GZ15002-8W-1	CLUTCH ASSEMBLY-RBK180PW	離合器成品-RBK180PW	1	58	GS30503	"C"RING	扭力環固定環	1
	GZ15002-10B	CLUTCH ASSEMBLY-RBK120PFB	離合器成品-RBK120PFB	1	59	G21305	SPACER FOR HEX	起子頭帽墊圈 PB專用	1
	GZ15002-10B-1	CLUTCH ASSEMBLY-RBK120PFB9.5	離合器成品-RBK120PFB9.5	1	60	G021342	BIT SPRING FOR HEX	起子頭帽彈簧 PB專用	1
	GZ15002-10W	CLUTCH ASSEMBLY-RBK120PFW	離合器成品-RBK120PFW	1	61	GJ21350	BIT SLEEVE FOR HEX	起子頭帽PB專用	1
	GZ15002-11B	CLUTCH ASSEMBLY-RBK180PFB	離合器成品-RBK180PFB	1	62	GQ21362	"C"RING FOR HEX	起子頭帽C環 PB專用	1
	GZ15002-11B-1	CLUTCH ASSEMBLY-RBK180PFB9.5	離合器成品-RBK180PFB9.5	1	63	CD91034	COUPLER	前鎖環	1
	GZ15002-11W	CLUTCH ASSEMBLY-RBK180PFW	離合器成品-RBK180PFW	1		CD91034-1	COUPLER-ESD	前鎖環-防靜電	1
	GZ15020R	CLUTCH ASSEMBLY-RBK250PB	離合器整組-RBK250PB	1	64	CH50671-6	GROUNDING MEANS	接地線	1
	GZ15020R-1	CLUTCH ASSEMBLY-RBK250PB9.5	離合器整組-RBK250PB9.5	1	65	CH20102-11	SCREW	接地線螺絲	1
	GZ15020R-2	CLUTCH ASSEMBLY-RBK250PW	離合器整組-RBK250PW	1	66	CH30228-1	SCREW-RBK60P/90P/120P/180P	螺絲-RBK60P/90P/120P/180P	2
28	MI30511-7	PILOT ROD	開關引導棒	1	67	P11020-4	INSULATING WASHER-ESD(DOWN)	絕緣墊片 0.3mm-防靜電-下	2
29	GK20232	"C" RING	齒輪固定C環	1	68	PE02003-7	Soft Cover	軟膠套	2
30	G128442	IRON WASHER	齒輪固定片	1	69	CH20102-8	Washer	華司	2
31	GH92235	IDLE GEAR-RBK60P	上游星齒輪-RBK60P	3					

NO	PARTS NO	PARTS NAME-E	PARTS NAME-C	Qty	NO	PARTS NO	PARTS NAME-E	PARTS NAME-C	Qty
1	AA50001-56	CORD ASSEMBLY 2M	電源線 2M	1		GH92259-1	IDLE GEAR-RBK500P	中游星齒輪-RBK500P	3
	AA50001-139N	CORD ASSEMBLY 3M "I/O Signal Control Box" TYPE	電源線 3M (訊號傳輸控制裝置)	1	31	GG92283-1	GEAR SEAT-RBK350P	中齒盤-RBK350P	1
2	AA50001-169-1N-T	CORD ASSEMBLY	檔尾線	1		GG92286-1	GEAR SEAT-RBK500P	中齒盤-RBK500P	1
3	CJ20012-1	SUSPENSION HOOK	起子吊鉤	1	32	GG92283-4	CENTRAL GEAR-RBK350P	中心齒-RBK350P	1
4	C40805F	HOUSING-UNDERSIDE A'ssy	外殼下蓋半成品	1		GG92286-4	CENTRAL GEAR-RBK500P	中心齒-RBK500P	1
	C40805-1F	HOUSING-UNDERSIDE A'ssy-ESD	外殼下蓋半成品-防靜電	1	33	GG92283-2	GEAR SEAT GROUP-RBK350P	下齒盤組-RBK350P	1
5	CA93118	HOUSING-UPSIDE	上蓋	1		GG92286-2	GEAR SEAT GROUP-RBK500P	下齒盤組-RBK500P	1
	CA93118-1	HOUSING-UPSIDE-ESD	上蓋-防靜電	1	34	GA91289	GEAR CASE-RBK350P	上離合器筒-RBK350P	1
6	CE50155	PUSH ROD	開關推桿半成品	1		GA91290	GEAR CASE-RBK500P	上離合器筒-RBK500P	1
7	CE80003	FIXTURE	三合一固定片	1	35	GN21251-3	MAIN BEARING	離合器主軸承	1
8	CH30200	SCREW FOR FIXTURE	三合一固定片 螺絲	2	36	G21427-5	PLATE-CLUTCH	離合器止推片	1
9	E33105-4	LED	LED	1	37	GP30351	STELL BALLS(7.14mm)	鋼珠(7.14mm)	13
10	EG31421-17F	CHANGEOVER SWITCH PCB	正反開關機板	1	38	GX90312	CAM	上離合器頭	1
11	CI50212-10	F/R SWITCHING ELEMENT-RBK350P	正反轉推板-RBK350P	1	39	GP30381-3	STELL BALLS(7mm)	跳脫鋼珠(7mm)	4
	CI50212-8	F/R SWITCHING ELEMENT-RBK500P	正反轉推板-RBK500P	1	40	GP30383-3	CUSHION	鋼珠墊塊 4.7* ϕ 5.9mm	4
12	H10201	SHUT OFF SWITCH	剎車開關	1	41	GF90325-2	WARING PLATE	扭力推盤	1
13	CH90151-1	SCREW FOR SHUT OFF SWITCH	剎車開關螺絲	2	42	GV90331-2	SPRING CAP	扭力推盤蓋	1
14	EG31454	PCB	控制機板成品	1	43	GO90342-2	INNER SPRING	下壓式彈簧	1
15	CH90154	SCREW FOR PCB	固定PCB螺絲	2	44	GU30374	STOP PILOT	停止用酒杯	1
	CH20510	SCREW FOR PCB-ESD	固定PCB螺絲-防靜電	2	45	GE92419-2	WARING SPRING-RBK350P	扭力彈簧-RBK350P	1
16	P11020-1	INSULATING WASHER-ESD(UP)	絕緣墊片 0.8mm-防靜電(上)	2		GE92419-1	WARING SPRING-RBK500P	扭力彈簧-RBK500P	1
17	CH20102	SCREW FOR HOUSING	外殼螺絲	4	46	GP30381-3	STELL BALLS(7.14mm)	鋼珠(7.14mm)	2
18	MI30511-13	PILOT ROD	開關引導棒	1	47	GD91426	SHAFT FOR "B"-RBK350P	傳動軸 (B)-RBK350P	1
19	CH20504-11	SCREW FOR MOTOR	馬達固定螺絲	5		GD91426-1	SHAFT FOR "B9.5"-RBK350P	傳動軸 (B9.5)-RBK350P	1
20	MO91507-1CE	MOTOR ASSEMBLY	馬達整組	1		GD91425W	SHAFT FOR "W"-RBK350P	傳動軸 (W)-RBK350P	1
21	M11339	GEAR-RBK350P	主齒-RBK350P	1		GD91424W	SHAFT FOR "W"-RBK500P	傳動軸 (W)-RBK500P	1
	M11340	GEAR-RBK500P	主齒-RBK500P	1	48	GP30351	STELL BALLS-4mm "B"	起子頭帽鋼珠-4mm (B)	2
22	MG30081-2	PILOT ROD	陶瓷棒	1	49	GY21325-1	WARING SPRING BASE	止推盤	1
23	GZ15026R-1	CLUTCH ASSEMBLY-RBK350PB	離合器成品-RBK350PB	1	50	GB30451	CLUTCH CASE A'SSY	下離合器筒半成品	1
	GZ15026R-2	CLUTCH ASSEMBLY-RBK350PB9.5	離合器成品-RBK350PB9.5	1	51	GL30481-7	TORQUE ADJUSTING PINS	扭力調整棒	4
	GZ15026R	CLUTCH ASSEMBLY-RBK350PW	離合器成品-RBK350PW	1	52	GM30499	TORQUE ADJUSTING RING	扭力調整環	1
	GZ15025R	CLUTCH ASSEMBLY-RBK500PW	離合器成品-RBK500PW	1	53	GS30503-1	"C"RING	扭力環固定環	1
24	MI30511-8	PILOT ROD	開關引導棒	1	54	GO21350	BIT SPRING "B"	起子頭帽彈簧 (B)	1
25	GK20232-1	"C" RING	齒輪固定 C環	1	55	GJ30476	BIT SLEEVE "B"	起子頭帽 (B)	1
26	GI28450	IRON WASHER	齒輪固定片	1	56	GQ21366	"C"RING "B"	起子頭帽 C環 (B)	1
27	GH92256	IDLE GEAR-RBK350P	上游星齒輪-RBK350P	3	57	CD91040-1	COUPLER	前鎖環	1
	GH92259	IDLE GEAR-RBK500P	上游星齒輪-RBK500P	3	58	CH50671-16	GROUNDING MEANS	接地線	1
28	GG92283	GEAR SEAT-RBK350P	上齒盤-RBK350P	1	59	CH20102-11	SCREW	接地線螺絲	1
	GG92286	GEAR SEAT-RBK500P	上齒盤-RBK500P	1	60	CH30228-2	SCREW	螺絲	4
29	GG92283-3	CENTRAL GEAR-RBK350P	中心齒-RBK350P	1	61	P11020-4	INSULATING WASHER-ESD(DOWN)	絕緣墊片 0.3mm-防靜電(下)	2
	GG92286-3	CENTRAL GEAR-RBK500P	中心齒-RBK500P	1	62	PE02003-8	Soft Cover	軟膠套	2
30	GH92256-1	IDLE GEAR-RBK250P	中游星齒輪-RBK250P	3	63	CH20102-8	Washer	華司	2