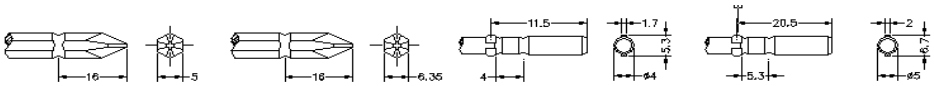
# ※主 要 技 術 參 數

| 機　　型 | | SK-3120L | SK-3180L | SK-3180LF | SK-3220L | SK-3280L | SK-3280LF |
|---|---|---|---|---|---|---|---|
| 輸入電壓 | | AC100V / 110V~120V　50HZ/60HZ | | | AC 220V~240V　50HZ/60HZ | | |
| 額定功率 | | 60W | | | | | |
| 扭 力 | (kgf.cm) | 1.5~12 | 3~19 | 1.5~12 | 1.5~12 | 3~19 | 1.5~12 |
| | (Lbf.in) | 1.33~10.44 | 2.57~16.46 | 1.33~10.44 | 1.33~10.44 | 2.57~16.46 | 1.33~10.44 |
| | (N.m) | 0.15~1.18 | 0.29~1.86 | 0.15~1.18 | 0.15~1.18 | 0.29~1.86 | 0.15~1.18 |
| 扭力精度 (%) | | ±3% | | | | | |
| 扭 力 調 整 | | 無段式 | | | | | |
| 空轉速 n0: (r/min) | | 1000 | 1000 | 2000 | 1000 | 1000 | 2000 |
| 無負荷電流(A) | | 0.3A | 0.3A | 0.3A | 0.2A | 0.2A | 0.2A |
| 適用螺絲直徑 (mm) | 機械牙 | 1.6~3.0 | 2.6~3.5 | 2.0~3.0 | 1.6~3.0 | 2.6~3.5 | 2.0~3.0 |
| | 自攻牙 | 1.6~2.6 | 2.6~3.0 | 2.0~2.6 | 1.6~2.6 | 2.6~3.0 | 2.0~2.6 |
| 重　量 (g) | | 550 | | | | | |
| 長　度 (mm) | | 242 | | | | | |
| 適用扭力固定環 | | KC-6C | | | | | |
| 適用起子架 | | KH-4、(KC & KH-2) | | | | | |
| 適用起子頭 | |  HEX 5mm, HEX 6.35mm Ø4mm, Ø5mm | | | | | |

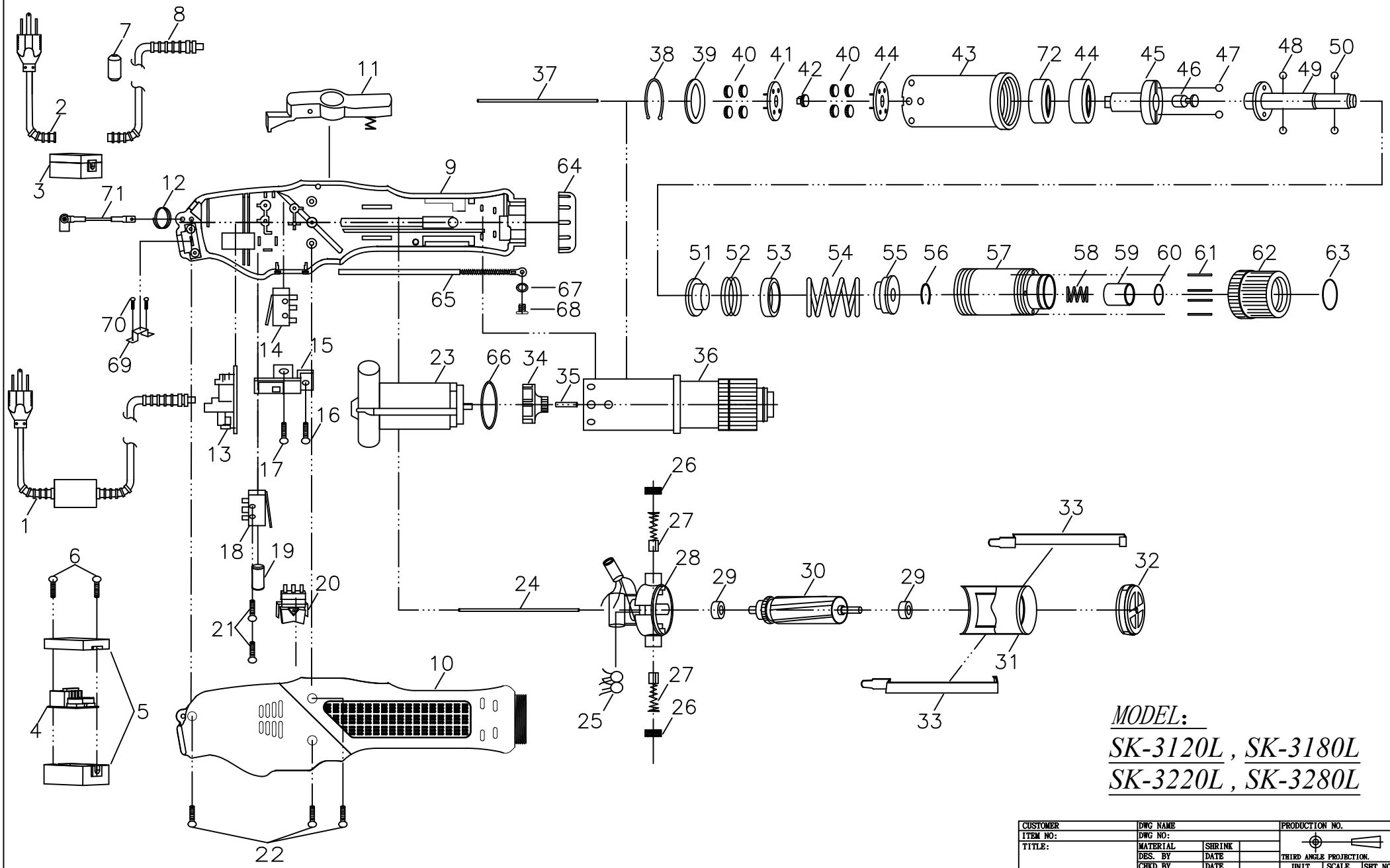
* 1N.m=10.2Kgf.cm　1N.m=8.85Lbf.in

# ※標　准　配　件

1. 起子頭（ＢＩＴ）型號：　NO. 00#　適用於直徑 1.3~1.8mm 螺絲
   NO. 0#　適用於直徑 1.6~2.0mm 螺絲
   NO. 1#　適用於直徑 2.0~2.6mm 螺絲
   NO. 2#　適用於直徑 3.0~4.0mm 螺絲

   SK-3120L　；SK-3220L　配附 BIT　1# & 2#　各１支
   SK-3180L　；SK-3280L　配附 BIT　1# & 2#　各１支
   SK-3180LF　；SK-3280LF　配附 BIT　1# & 2#　各１支

2. 起子吊簧(30cm)一條。



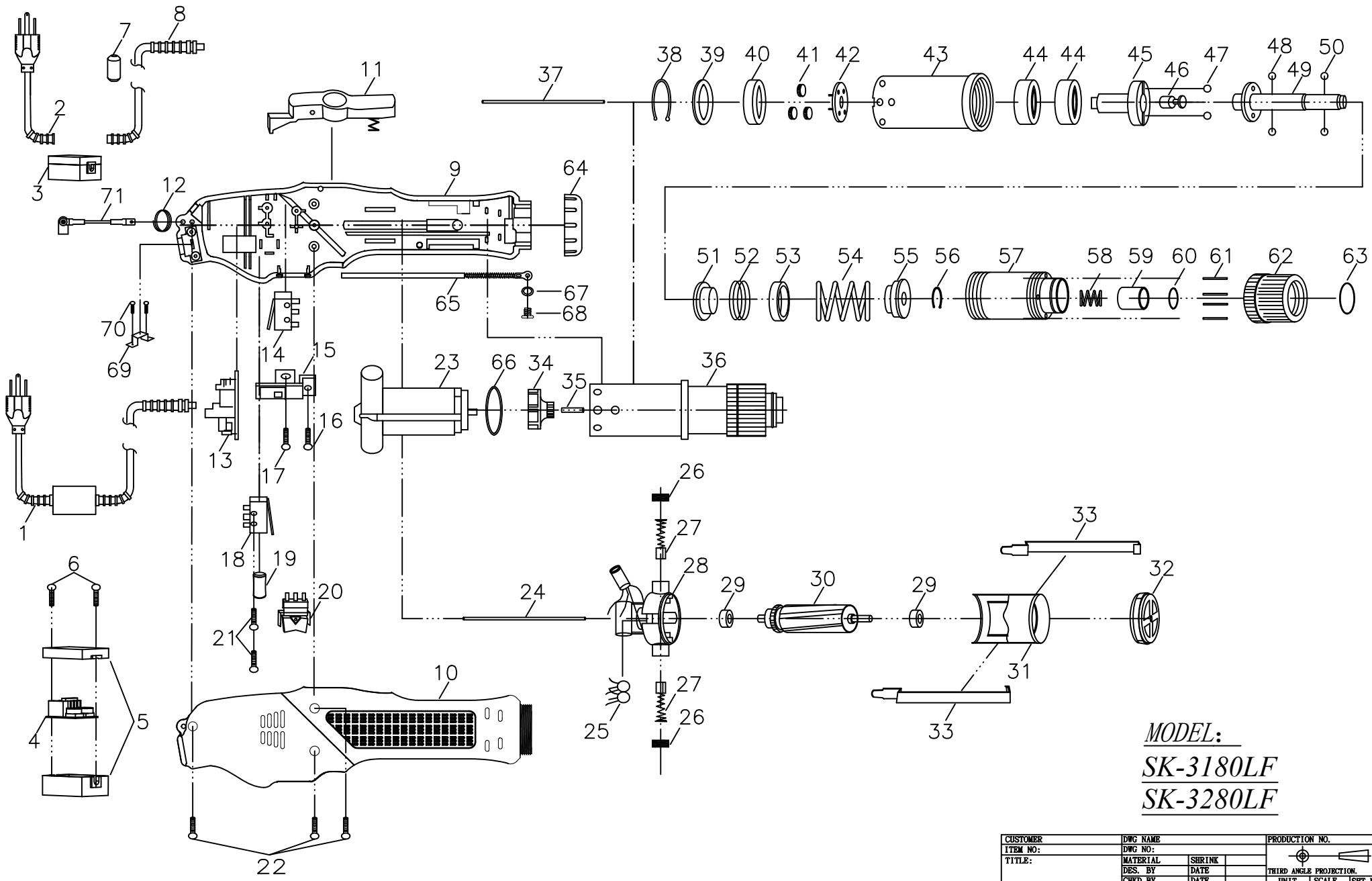

*MODEL:*

*SK-3120L , SK-3180L*

*SK-3220L , SK-3280L*

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

| NO | PARTS NO | PARTS NAME-E | PARTS NAME-C | Q'ty | NO | PARTS NO | PARTS NAME-E | PARTS NAME-C | Q'ty |
|---|---|---|---|---|---|---|---|---|---|
| 1 | AC30001-1 | Cord Assy-AMERICA Plug | 電源線整組 美規 | 1 | | GZ30073-3C | CLUTCH ASSEMBLY (3180LC) | 離合器整組 (3180LC) | 1 |
| | AF30001-1 | Cord Assy-EUROPE Plug | 電源線整組 歐規 | 1 | | GZ30073-3D | CLUTCH ASSEMBLY (3180LD) | 離合器整組 (3180LD) | 1 |
| | AG30001-1 | Cord Assy-BRITISH Plug | 電源線整組 英規 | 1 | | GZ30073-3AD | CLUTCH ASSEMBLY (3180LAD) | 離合器整組 (3180LAD) | 1 |
| | AJ30001-1 | Cord Assy-INDIA Plug | 電源線整組 印規 | 1 | 37 | MI30241 | PILOT ROD FOR (A,C,D) | 開關引導棒(A,C,D) | 1 |
| | AD30001-1 | Cord Assy-AUSTRALIA Plug | 電源線整組 澳規 | 1 | | MI30241-1 | PILOT ROD FOR (B) | 開關引導棒(B) | 1 |
| 2 | AA30007-1 | Cord 1FT with AMERICA Plug | 1呎長電源線 美規 | 1 | 38 | GK20231 | "C" RING | 齒輪固定 C環 | 1 |
| | AA30007-2 | Cord 1FT with EUROPE Plug | 1呎長電源線 歐規 | 1 | 39 | GI20251-1 | WASHER | 齒輪固定片 | 1 |
| | AA30007-5 | Cord 1FT with BRITISH Plug | 1呎長電源線 英規 | 1 | 40 | GH20241-2 | GEAR, PLANET | 游星齒輪 | 8 |
| | AA30007-5E | Cord 1FT with INDIA Plug | 1呎長電源線 印規 | 1 | 41 | GG30271 | GEAR BASE | 齒盤 | 2 |
| | AA30007-1D | Cord 1FT with AUSTRALIA Plug | 1呎長電源線 澳規 | 1 | 42 | G20105 | CENTRAL GEAR | 中心齒 | 1 |
| 3 | EJ30002-2 | EMC-BOX ASSEMBLY | EMC盒成品 | 1 | 43 | GA30311-6 | GEAR CASE | 上離合器筒 | 1 |
| 4 | EG30005-3 | P.C.B-EMC | PC板-EMC | 1 | 44 | GN30321 | MAIN BEARING | 離合器主軸承 | 1 |
| 5 | EC30006 | EMC-BOX CASE ONLY | EMC盒 上下蓋 | 1 | 45 | GC30341 | CAM | 上離合器頭 | 1 |
| 6 | CH90152-1F | SCREW | 螺絲 | 2 | 46 | GU30361 | STOP PILOT | 停止用酒杯 | 1 |
| 7 | ED30004 | FILTER | 電磁夾 | 1 | 47 | GP30351 | STEEL BALLS 4mm | 跳脫鋼珠4mm | 2 |
| 8 | AA30009-1T | CORD 9FT | 9呎長電源線 | 1 | 48 | GP30371 | STELL BALLS 3.15mm (A,C,D) | 酒杯鋼珠3.15mm(A,C,D) | 2 |
| 9 | CB33034 | HOUSING-UNDERSIDE (ORANG-BL) | 下蓋 | 1 | | GP30351 | STELL BALLS 4mm (B) | 酒杯鋼珠4mm(B) | 2 |
| 10 | CA33224 | HOUSING-UPSIDE (ORANG-BL) | 上蓋 | 1 | 49 | GD30381A | SHAFT FOR "A" TYPE | 傳動軸(A頭) | 1 |
| 11 | CC30011-4 | TRIGGER | 手按開關桿 | 1 | | GD30381B | SHAFT FOR "B" TYPE | 傳動軸(B頭) | 1 |
| 12 | CJ20011 | SUSPENSION RING | 起子吊環 | 1 | | GD30381C | SHAFT FOR "C" TYPE | 傳動軸(C頭) | 1 |
| 13 | EG31131F | CONTROL BOARD -110V | PC板-110V | 1 | | GD30381D | SHAFT FOR "D" TYPE | 傳動軸(D頭) | 1 |
| | EG32132 | CONTROL BOARD -220V | PC板-220V | 1 | | GD30383AD | SHAFT FOR "AD" TYPE | 傳動軸(AD頭) | 1 |
| 14 | HB91061 | SHUT OFF SWITCH | 停止開關 | 1 | 50 | GP20331 | STEEL BALLS 2mm(A,D) | 起子頭帽鋼珠(A,D用) | 2 |
| 15 | CE90101-1 | SWITCH BASE | 三合一開關架 | 1 | | GP21291B | STEEL BALLS 2.5mm(B,C) | 起子頭帽鋼珠(B,C用) | 2 |
| 16 | CH90121 | SCREW | 螺絲 | 1 | 51 | GF30401 | WARING PLATE FOR "A.C.D" TYPE | 扭力推盤(A.C.D用) | 1 |
| 17 | CH90131 | SCREW | 螺絲 | 1 | | GF30401B | WARING PLATE FOR "B" TYPE | 扭力推盤(B用) | 1 |
| 18 | HB30061 | START SWITCH | 啟動開關 | 1 | 52 | GO30541 | SPRING-3120L ONLY | 兩段小彈簧(3120L) | 1 |
| 19 | E31908 | BRAKE RESISTOR-110V | 剎車電阻-110V | 1 | | GO30541-1 | SPRING-3180L ONLY | 兩段小彈簧(3180L) | 1 |
| | E31908-4 | BRAKE RESISTOR-220V | 剎車電阻-220V | 1 | 53 | GO30531 | CAP,SPRING | 彈簧蓋 | 1 |
| 20 | HA91041 | CHANGEOVER SWITCH-3120P,3220P | 正反開關-3120P,3220P | 1 | 54 | GE50411-1 | WARING SPRING(3120LA,C,D) | 扭力彈簧 (3120LA,C,D) | 1 |
| | HA91042 | CHANGEOVER SWITCH-3180P,3280P | 正反開關-3180P,3280P | 1 | | GE50411-2 | WARING SPRING(3120LB) | 扭力彈簧 (3120LB) | 1 |
| 21 | CH90151-1 | SCREW | 螺絲 | 2 | | GE30413-3 | WARING SPRING(3180LA,C,D) | 扭力彈簧 (3180LA,C,D) | 1 |
| 22 | CH20102 | SCREW | 螺絲 | 3 | | GE30411-11 | WARING SPRING(3180LB) | 扭力彈簧 (3180LB) | 1 |
| 23 | MO30111-2 | MOTOR ASSEMBLY -110V | 馬達整組-110V | 1 | 55 | GY30421 | WARING SPRING BASE FOR "A,C,D" TYPE | 止推盤(A,C,D) | 1 |
| | MO33111-1 | MOTOR ASSEMBLY -220V | 馬達整組-220V | 1 | | GY30421B | WARING SPRING BASE FOR "B" TYPE | 止推盤(B) | 1 |
| 24 | MI30512-1 | PILOT ROD | 開關引導棒 | 1 | 56 | GK20231B | "C"-RING FOR (B) | 傳動軸固定 C環(B) | 1 |
| 25 | EB33610-2 | CERAMICS CAPACITOR | 陶瓷電容 | 2 | 57 | GB30441-12A | CLUTCH CASE FOR "A.C.D" TYPE | 下離合器筒(A.C.D) | 1 |
| 26 | MD91531-1 | BRUSH CAP | 碳刷蓋 | 2 | | GB30441-1A | CLUTCH CASE FOR "B" TYPE | 下離合器筒(B) | 1 |
| 27 | MC21411 | CARBON-110V | 碳刷-110V | 2 | 58 | GO30452 | BIT SPRING FOR "A,C,D" TYPE | 起子頭帽彈簧(A,C,D) | 1 |
| | MC20161 | CARBON-220V | 碳刷-220V | 2 | | GO20391B | BIT SPRING FOR "B" TYPE | 起子頭帽彈簧(B) | 1 |
| 28 | ML33382-1 | MOTOR TOP COVER ASSY-110V | 碳刷座半成品-110V | 1 | 59 | GJ30461 | BIT SLEEVE FOR "A,C,D" TYPE | 起子頭帽(A,C,D) | 1 |
| | ML33572-1 | MOTOR TOP COVER ASSY-220V | 碳刷座半成品-220V | 1 | | GJ3046B | BIT SLEEVE FOR "B" TYPE | 起子頭帽(B) | 1 |
| 29 | ME21481 | ARMATURE BEARING | 馬達軸承 | 2 | 60 | GQ30471 | "C" RING FOR "A,C,D" TYPE | 起子頭帽 C環(A,C,D) | 1 |
| 30 | MH30601-2 | ARMATURE-110V | 電樞-110V | 1 | | GQ21361 | "C" RING FOR "B" TYPE | 起子頭帽 C環(B) | 1 |
| | MH33601-1 | ARMATURE-220V | 電樞-220V | 1 | 61 | GL30481-1 | TORQUE ADJUST PIN | 扭力調整棒 | 4 |
| 31 | MJ33631-1 | MOTOR YOKE ASSEMBLY | 馬達鐵圈連磁鐵 | 1 | 62 | GM30491 | TORQUE ADJUST RING | 扭力調整環 | 1 |
| 32 | MB33651-1A | MOTOR END COVER | 馬達前蓋 | 1 | 63 | GS30501 | "C" RING | 扭力環 C環 | 1 |
| 33 | MA33621-1B | ASSEMBLING SPRING | 馬達固定鐵片 | 2 | 64 | CD20111-1 | COUPLER | 前鎖環 | 1 |
| 34 | MK33091-1 | FAN | 風扇 | 1 | 65 | CH30681T | GROUNDING MEANS | 接地線 | 1 |
| 35 | MG91081 | PILOT ROD | 陶瓷棒 | 1 | 66 | MF30101 | INSULATE WASHER | 墊圈 | 1 |
| 36 | GZ30073-2A | CLUTCH ASSEMBLY (3120LA) | 離合器整組 (3120LA) | 1 | 67 | CH20102-10 | WASHER | 華司 | 1 |
| | GZ30073-2B | CLUTCH ASSEMBLY (3120LB) | 離合器整組 (3120LB) | 1 | 68 | CH20102-11 | SCREW | 地線螺絲 | 1 |
| | GZ30073-2C | CLUTCH ASSEMBLY (3120LC) | 離合器整組 (3120LC) | 1 | 69 | CH20102-2 | WIRE CLAMP | 線夾 | 1 |
| | GZ30073-2D | CLUTCH ASSEMBLY (3120LD) | 離合器整組 (3120LD) | 1 | 70 | CH20102-3 | SCREW FOR WIRE CLAMP | 線夾螺絲 | 2 |
| | GZ30073-2AD | CLUTCH ASSEMBLY (3120LAD) | 離合器整組 (3120LAD) | 1 | 71 | P12104 | 3cm RETAINING CLIP | 三公分固定線 | 1 |
| | GZ30073-3A | CLUTCH ASSEMBLY (3180LA) | 離合器整組 (3180LA) | 1 | 72 | GN30435 | MAIN BEARING | 離合器主軸承 | 1 |
| | GZ30073-3B | CLUTCH ASSEMBLY (3180LB) | 離合器整組 (3180LB) | 1 | | | | | |




*MODEL:*

*SK-3180LF*

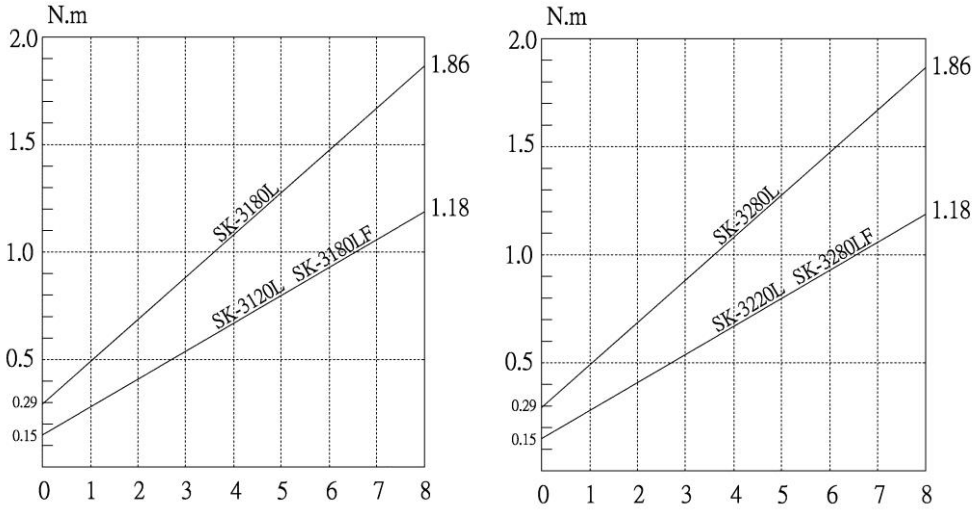
*SK-3280LF*

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

| NO | PARTS NO | PARTS NAME-E | PARTS NAME-C | Q'ty | NO | PARTS NO | PARTS NAME-E | PARTS NAME-C | Q'ty |
|---|---|---|---|---|---|---|---|---|---|
| 1 | AC30001-1F | Cord Assy-AMERICA Plug | 電源線整組 美規 | 1 | | GZ30073-3DF | CLUTCH ASSEMBLY (3180LFD) | 離合器整組 (3180LFD) | 1 |
| | AF30001-1F | Cord Assy-EUROPE Plug | 電源線整組 歐規 | 1 | | GZ30073-4ADF | CLUTCH ASSEMBLY (3180LFAD) | 離合器整組 (3180LFAD) | 1 |
| | AG30001-1F | Cord Assy-BRITISH Plug | 電源線整組 英規 | 1 | 37 | MI30241 | PILOT ROD FOR (A,C,D) | 開關引導棒(A,C,D) | 1 |
| | AJ30001-1F | Cord Assy-INDIA Plug | 電源線整組 印規 | 1 | | MI30241-1 | PILOT ROD FOR (B) | 開關引導棒(B) | 1 |
| | AD30001-1F | Cord Assy-AUSTRALIA Plug | 電源線整組 澳規 | 1 | 38 | GK20231 | "C" RING | 齒輪固定C環 | 1 |
| 2 | AA30007-1 | Cord 1FT with AMERICA Plug | 1呎長電源線 美規 | 1 | 39 | GI20251-1 | WASHER | 齒輪固定片 | 1 |
| | AA30007-2 | Cord 1FT with EUROPE Plug | 1呎長電源線 歐規 | 1 | 40 | G21302 | WASHER | 齒輪墊圈 | 1 |
| | AA30007-5 | Cord 1FT with BRITISH Plug | 1呎長電源線 英規 | 1 | 41 | GH20241-3 | IDLE GEAR | 游星齒輪 | 3 |
| | AA30007-5E | Cord 1FT with INDIA Plug | 1呎長電源線 印規 | 1 | 42 | GG20271-1 | GEAR SEAT | 齒盤 | 1 |
| | AA30007-1D | Cord 1FT with AUSTRALIA Plug | 1呎長電源線 澳規 | 1 | 43 | GA30311-9 | GEAR CASE | 上離合器筒 | 1 |
| 3 | EJ30002-5 | EMC-BOX ASSEMBLY | EMC盒成品 | 1 | 44 | GN30321 | MAIN BEARING | 離合器主軸承 | 2 |
| 4 | EG30005 | P.C.B-EMC | PC板-EMC | 1 | 45 | GC30341 | CAM | 上離合器頭 | 1 |
| 5 | EC30006 | EMC-BOX CASE ONLY | EMC盒 上下蓋 | 1 | 46 | GU30361 | STOP PILOT | 停止用酒杯 | 1 |
| 6 | CH90152-1F | SCREW | 螺絲 | 2 | 47 | GP30351 | STEEL BALLS 4mm | 跳脫鋼珠4mm | 2 |
| 7 | ED30004 | FILTER | 電磁夾 | 1 | 48 | GP30371 | STELL BALLS 3.15mm (A,C,D) | 酒杯鋼珠3.15mm(A,C,D) | 2 |
| 8 | AA30009-1T | CORD 9FT | 9呎長電源線 | 1 | | GP30351 | STELL BALLS 4mm (B) | 酒杯鋼珠4mm(B) | 2 |
| 9 | CB33034 | HOUSING-UNDERSIDE (ORANG-BL) | 下蓋 | 1 | 49 | GD30381A | SHAFT FOR "A" TYPE | 傳動軸(A頭) | 1 |
| 10 | CA33224 | HOUSING-UPSIDE (ORANG-BL) | 上蓋 | 1 | | GD30381B | SHAFT FOR "B" TYPE | 傳動軸(B頭) | 1 |
| 11 | CC30011-4 | TRIGGER | 手按開關桿 | 1 | | GD30381C | SHAFT FOR "C" TYPE | 傳動軸(C頭) | 1 |
| 12 | CJ20011 | SUSPENSION RING | 起子吊環 | 1 | | GD30381D | SHAFT FOR "D" TYPE | 傳動軸(D頭) | 1 |
| 13 | EG31131F | CONTROL BOARD -110V | PC板-110V | 1 | | GD30383AD | SHAFT FOR "AD" TYPE | 傳動軸(AD頭) | 1 |
| | EG32132 | CONTROL BOARD -220V | PC板-220V | 1 | 50 | GP20331 | STEEL BALLS 2mm(A,D) | 起子頭帽鋼珠(A,D用) | 2 |
| 14 | HB91061 | SHUT OFF SWITCH | 停止開關 | 1 | | GP21291B | STEEL BALLS 2.5mm(B,C) | 起子頭帽鋼珠(B,C用) | 2 |
| 15 | CE90101-1 | SWITCH BASE | 三合一開關架 | 1 | 51 | GF30401 | WARING PLATE FOR "A.C.D" TYPE | 扭力推盤(A.C.D用) | 1 |
| 16 | CH90121 | SCREW | 螺絲 | 1 | | GF30401B | WARING PLATE FOR "B" TYPE | 扭力推盤(B用) | 1 |
| 17 | CH90131 | SCREW | 螺絲 | 1 | 52 | GO30541 | SPRING-3120L ONLY | 兩段小彈簧(3120L) | 1 |
| 18 | HB30061 | START SWITCH | 啟動開關 | 1 | 53 | GO30531 | CAP,SPRING | 彈簧蓋 | 1 |
| 19 | E31908 | BRAKE RESISTOR-110V | 剎車電阻-110V | 1 | 54 | GE50411-1 | WARING SPRING(3180LFA,C,D) | 扭力彈簧 (3180LFA,C,D) | 1 |
| | E31908-4 | BRAKE RESISTOR-220V | 剎車電阻-220V | 1 | | GE50411-2 | WARING SPRING(3180LFB) | 扭力彈簧 (3180LFB) | 1 |
| 20 | HA91042 | CHANGEOVER SWITCH | 正反開關 | 1 | 55 | GY30421 | WARING SPRING BASE FOR "A,C,D" TYPE | 止推盤(A,C,D) | 1 |
| 21 | CH90151-1 | SCREW | 螺絲 | 2 | | GY30421B | WARING SPRING BASE FOR "B" TYPE | 止推盤(B) | 1 |
| 22 | CH20102 | SCREW | 螺絲 | 3 | 56 | GK20231B | "C"-RING FOR (B) | 傳動軸固定C環(B) | 1 |
| 23 | MO30111-4 | MOTOR ASSEMBLY -110V | 馬達整組-110V | 1 | 57 | GB30441-12A | CLUTCH CASE FOR "A.C.D" TYPE | 下離合器筒(A.C.D) | 1 |
| | MO33111-2 | MOTOR ASSEMBLY -220V | 馬達整組-220V | 1 | | GB30441-1A | CLUTCH CASE FOR "B" TYPE | 下離合器筒(B) | 1 |
| 24 | MI30512-1 | PILOT ROD | 開關引導棒 | 1 | 58 | GO30452 | BIT SPRING FOR "A,C,D" TYPE | 起子頭帽彈簧(A,C,D) | 1 |
| 25 | EB33610-2 | CERAMICS CAPACITOR | 陶瓷電容 | 2 | | GO20391B | BIT SPRING FOR "B" TYPE | 起子頭帽彈簧(B) | 1 |
| 26 | MD91531-1 | BRUSH CAP | 碳刷蓋 | 2 | 59 | GJ30461 | BIT SLEEVE FOR "A,C,D" TYPE | 起子頭帽(A,C,D) | 1 |
| 27 | MC21411 | CARBON-110V | 碳刷-110V | 2 | | GJ3046B | BIT SLEEVE FOR "B" TYPE | 起子頭帽(B) | 1 |
| | MC20161 | CARBON-220V | 碳刷-220V | 2 | 60 | GQ30471 | "C" RING FOR "A,C,D" TYPE | 起子頭帽C環(A,C,D) | 1 |
| 28 | ML33382-1 | MOTOR TOP COVER ASSY-110V | 碳刷座半成品-110V | 1 | | GQ21361 | "C" RING FOR "B" TYPE | 起子頭帽C環(B) | 1 |
| | ML33572-1 | MOTOR TOP COVER ASSY-220V | 碳刷座半成品-220V | 1 | 61 | GL30481-1 | TORQUE ADJUST PIN | 扭力調整棒 | 4 |
| 29 | ME21481 | ARMATURE BEARING | 馬達軸承 | 2 | 62 | GM30491 | TORQUE ADJUST RING | 扭力調整環 | 1 |
| 30 | MH30601-5 | ARMATURE-110V | 電樞-110V | 1 | 63 | GS30501 | "C" RING | 扭力環C環 | 1 |
| | MH33601-2 | ARMATURE-220V | 電樞-220V | 1 | 64 | CD20111-1 | COUPLER | 前鎖環 | 1 |
| 31 | MJ33631-1 | MOTOR YOKE ASSEMBLY | 馬達鐵圈連磁鐵 | 1 | 65 | CH30681T | GROUNDING MEANS | 接地線 | 1 |
| 32 | MB33651-1A | MOTOR END COVER | 馬達前蓋 | 1 | 66 | MF30101 | INSULATE WASHER | 墊圈 | 1 |
| 33 | MA33621-1B | ASSEMBLING SPRING | 馬達固定鐵片 | 2 | 67 | CH20102-10 | WASHER | 華司 | 1 |
| 34 | MK33091PF | FAN | 風扇 | 1 | 68 | CH20102-11 | SCREW | 地線螺絲 | 1 |
| 35 | MG30081-1 | PILOT ROD | 陶瓷棒 | 1 | 69 | CH20102-2 | WIRE CLAMP | 線夾 | 1 |
| 36 | GZ30073-3AF | CLUTCH ASSEMBLY (3180LFA) | 離合器整組 (3180LFA) | 1 | 70 | CH20102-3 | SCREW FOR WIRE CLAMP | 線夾螺絲 | 2 |
| | GZ30073-3BF | CLUTCH ASSEMBLY (3180LFB) | 離合器整組 (3180LFB) | 1 | 71 | P12104 | 3cm RETAINING CLIP | 三公分固定線 | 1 |
| | GZ30073-3CF | CLUTCH ASSEMBLY (3180LFC) | 離合器整組 (3180LFC) | 1 | | | | | |

# ※扭　力　調　整

1. 先行決定扭力大小，再用手旋轉扭力調整環至所需扭力位置。
2. 旋轉扭力調整環以增加或減少扭力輸出:順時針方向調至較高刻度，代表增加扭力。逆時針方向調至較低刻度，代表減少扭力。
3. 很多因素會影響扭力輸出。操作本電動螺絲起子時應循序漸進，先用小扭力試鎖螺絲，再漸漸增至較大扭力。
4. 扭力刻度與電動螺絲起子扭力的相互關係如扭力標示圖所示。扭力刻度的數值並非電動螺絲起子實際扭力的強弱，需對應電動螺絲起子型式以比對概略的扭力輸出值。
5. 鎖緊螺絲所需的扭力依其鉚合狀況或材質不同而有所差異，必要時可用扭力計量測及調整電動螺絲起子的扭力。
6. 電動螺絲起子經調整好扭力後，將外殼前鎖環鬆開取下，換上扭力固定環，這樣可避免人為擅意旋轉扭力調整環而讓原設定的扭力值遭到變動。
7. 在相同的扭力刻度下，反轉”R”的扭力會較大於正轉”F”的扭力，在不調整扭力調整環的情況下，有助於螺絲的拆卸；但是當螺絲緊度大於反轉扭力，離合器已經跳脫而螺絲仍無法鬆開時，仍需調整電動螺絲起子至較大扭力，方可鬆開螺絲。




# 注　意 ⚠

1. 進行扭力調整時，應先停止電動螺絲起子運轉。
2. 機身上的扭力刻度僅供與扭力標示圖參考，不代表電動螺絲起子的扭力輸出值。
3. 電動螺絲起子的機械磨損狀況，依使用者之使用扭力、時間或頻率而有所差異，使用扭力越大、時間越長或頻率越高則磨損越快；新品在刻度 4 使用一個月後(每日 8 時，操作頻率 12Pcs/min)約有 3~5%的扭力衰減(刻度 8 則有 5~7%的衰減)，依使用時間的增長，其衰減程度會逐漸減少並趨於穩定，使用者可定期使用扭力計量測電動螺絲起子的扭力輸出是否符合需要，適時補償衰減的扭力。

RoHS

設備名稱：電動螺絲起子
Equipment name: Electric screwdriver

型號（型式）：SK-3120L,SK-3180L,SK-3180LF
Type designation (Type) ：SK-3120L,SK-3180L,SK-3180LF

| 單元 Unit | 限用物質及其化學符號 Restricted substances and its chemical symbols | | | | | |
|---|---|---|---|---|---|---|
| | 鉛Lead (Pb) | 汞Mercury (Hg) | 鎘Cadmium (Cd) | 六價鉻 Hexavalent chromium ($Cr^{+6}$) | 多溴聯苯 Polybrominated biphenyls (PBB) | 多溴二苯醚 Polybrominated diphenyl ethers (PBDE) |
| 外殼 Housing | ○ | ○ | ○ | ○ | ○ | ○ |
| 開關線路 Switch line | ○ | ○ | ○ | ○ | ○ | ○ |
| 馬達 MOTOR ASSEMBLY | ○ | ○ | ○ | ○ | ○ | ○ |
| 齒輪箱 Gear Housing | ○ | ○ | ○ | ○ | ○ | ○ |
| 電源線 CORD ASSEMBLY | ○ | ○ | ○ | ○ | ○ | ○ |

備考 1.〝超出 0.1 wt %〞及〝超出 0.01 wt %〞係指限用物質之百分比含量超出百分比含量基準值。
Note 1：“Exceeding 0.1 wt %” and “exceeding 0.01 wt %” indicate that the percentage content of the restricted substance exceeds the reference percentage value of presence condition.

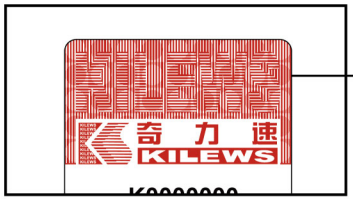
備考 2.〝○〞係指該項限用物質之百分比含量未超出百分比含量基準值。
Note 2：“○” indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.

備考 3.〝－〞係指該項限用物質為排除項目。
Note 3：The “–” indicates that the restricted substance corresponds to the exemption.

# 奇力速電動工具-奇力速
# 雕刻凹印標籤防偽辨識說明




1.以手指觸摸圖案及文字，可清楚感覺墨紋堆積凸出紙面之觸感。




2.正視時可見"▦"圖樣。




3.當以15度角斜視時，"▦"轉變成"KILEWS"。

辦識方法如下

