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| --- | --- | --- | --- | --- | --- |
| **No.** | **Item** | **Model code** | **Quantity** | **Remarks/Extra components** | **Estimated Price (from 2009 catalogue)** |
| **1.** | Aluminum frame Series 50mm square | **HFS6-5050** | **HFS6-5050-1200-LTP** = 1  1150 = 2  1000 = 1  600 = 2  400 = 1 | **HBLFTD6-50-SET**  bracket = 12  (4xCBM6-15 + 4XHNTT6-6) each  **HFC-5050** end caps = 6 | 6.1x38.02=232  12x3.53=43  45.6  6x2=12  Total= 332 |
| **2.** | Aluminum frame  30 mm square | **HFS6-3030** | 1100 = 1 | **HBLFSN6-SET** =2  (2x CBM6-12 + 2x HNTT6-6)  **HFC6-3030** end caps =2 | 15  2x1.1 = 2.2  2  2x 2.5= 5  Total= 25 |
| **3.** | Casters | **HCFT6-60-SET** | 4 | 2xCBM6-15  2x=HNTT6-6 | 4x53=212 |
| **4.** | Long nuts | **HNTLP6-1100-M3-N65-P80-13** | 1 | 13x **IBNP3-8** (screws) | 65 |
| **5.** | Simplified slide rail SET (rail+trolley) | **KSRL16-1030** | 1 | Trolley needs drilling 4 holes=5mm | 110 |
| **6.** | Shaft support Standard type | **SHTBT815** | 2 | M4 set screws (not sure if included) | 2x 13=26 |
| **7.** | Shaft one-end male thread | **SFAN8-40-F10-B0-P4** | 2 | 2x M4 nuts | 2x 6 = 12 |
| **8.** | High torque timing pulleys | **HTPA14S5M100-B-P6** | 2 | SET screws for tapped holes (2 each) | 2x21 + 2x6.5 = 55 |
| **9.** | High torque S5M timebelt (rubber) | **HTBN2255-S5M-100** | 1 | Drilling of 2 holes D5mm, 28mm apart | 45 |
| **10.** | Shaft pipe type (hollow) | **SPJ6-50** | 1 |  | 4 |
| **11.** | Small Deep/ Groove Ball Bearing (Stainless steel) | **SFL696ZZ** | 2 |  | 2x6.6=13 |
| **12.** | Screws |  |  | **2xM5 bolts**  **8x HNTT5-6**  **6x HFBMB5-12**  **4xM4 bolts**  **2x HTJ6 with washers** | 10 |
| **13.** | Servo Motor | **GYS101D5HB2 (without brake)** | 1 | No brake  50W 200V 3000rpm  Max torque= 0.478 (required is around 0.25)  With encoder  Mass=0.45 kg  Shaft=6mm  Servo Amplifier needed for speed & position control. No acceleration control but can use speed instead. | 350 |
| **14.** | Customized fabricated plates | To be fabricated | 3 plates | Design available | 100 |
| **15.** | Servo Driver/Amplifier | **RYT500D5-**  **VV2** | 1 |  |  |
|  | Wire rope |  |  |  |  |
|  | 2 kg/1 kg load |  |  |  |  |
|  | Stopper | **UNAH4-20** | 2 |  | 2x2.5=5 |
|  |  |  |  | Total | 1600 |

