







1		2 3	4	5		6 7	8
ITEM NO.	PART NO.	DESCRIPTION	QTY.	ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	BH-01	BEARING HOUSING FOR INTERMEDIATE SHAFT	1	36	NT-02	M3 NUTS	8
2	BH-02	BEARING HOUSING LOWER SHOULDER	1	37	NT-03	M5 NUTS	8
3	BH-03	BEARING HOUSING UPPUR SHOULDER	1	38	NT-04	M1.6 NUTS	4
4	BR-01	SKF DEEP GROOVE BALL BEARING 61902	2	39	PL-01	12 HTD5-14 PULLEY (MOTOR)	2
5	BR-02	SKF 61900 DEEP GROVE BALL BEARING	2	40	PL-01	12 HTD5-14 PULLEY 8 MM BORE	1
6	BR-03	IDLER BUSH BEARING	4	41	PL-01	12 HTD5-14 PULLEY FREE SLIDING	1
7	BR-04	IDLER BUSH BEARING LARGE	2	42	PL-02	72 HTD5-14 PULLEY 12 MM BORE	2
8	BR-09	REDUCTION PULLEY BUSH BEARING	1	43	PL-02	72 HTD5-14 PULLEY FREE SLIDING	1
9	BT-01	HTD5 9MM WIDTH BELT	4	44	PT-01	BOTTOM PLATE	1
10	CC-01	S012M EXTERNAL CIRCLIP	2	45	PT-02	MID PLATE	1
11	CC-02	B028M INTERNAL CIRCLIP	1	46	PT-03	TOP PLATE	1
12	CC-03	S008M EXTERNAL CIRCLIP	1	47	SC-01	SPACER ON INTERMEDIATE SHAFT	1
13	CC-04	S010M EXTERNAL CIRCLIP	2	48	SC-02	SPACER ON SHOULDER SHAFT	1
14	CC-05	S015M EXTERNAL CIRCLIP	2	49	SH-01	INTERMEDIATE SHAFT	1
15	CC-06	B022M INTERNAL CIRCLIP	1	50	SH-02	SHOULDER SHAFT	1
16	CM-01	CAM FOR LIMIT SWITCH	1	51	SH-03	IDLER SHAFT LONG	2
17	EB-01	ELECTRONICS BOX	1	52	SH-04	IDLER SHAFT SHORT	4
_ 18	EE-01	END EFFECTOR ASSEMBLY	1	53	SP-01	LOWER SIDE SUPPORT 1	2
19	EM-01	ENCODER MOUNTING	2	54	SP-02	LOWER SIDE SUPPORT 2	2
20	EN-01	ENCODER ASSEMBLY	2	55	SP-03	UPPER SIDE SUPPORT 1	2
21	HS-01	M4 X 16 HEX SCREW	6	56	SP-04	UPPER SIDE SUPPORT 2	2
22	HS-03	M1.6 X 8 HEX SCREW	4	57	ST-01	LOWER SUPPORT	4
23	HS-04	M4 X 10 HEX SCREW	4	58	ST-02	UPPER SUPPORT	4
24	HS-05	M5 X 16 HEX SCREW	28	59	ST-03	UPPER SUPPORT PILLAR	2
25	HS-06	M8 X 25 HEX SCREW	8	60	WA-01	M4 WASHER	12
26	HS-07	M8 X 12 HEX SCREW	8	61	WA-02	M3 WASHER	12
27	HS-08	M3 X 12 HEX SCREW	4	62	WA-03	M5 WASHER	36
28	KY-01	10 MM 4X4 SQUARE KEY	2	63	WA-04	M8 WASHER	16
29	KY-02	8 MM 2X2 SQUARE KEY	1	64	WA-05	M1.6 WASHER	8
30	KY-03	30 MM 5X5 SQUARE KEY	1				
31	LAE-01	FLANGE ASSEMBLY	1				
32	LH-02	LIMIT SWITCH HOLDER 2	1				
33	LS-01	SS_5GL13 LIMIT SWITCH	1	TOLERANCES ANGULAR	+1°	MATERIAL: TITLE: Imp	erial Colle
34	MT-01	80 W MOTOR	2	X = ± 0.5 X.X = ± 0.1 X.XX = ± 0.02 X.XX = ± 0.02 X.XX = ± 0.02	INISH (+)	MAIN ASSEMBLY MAIN	idon
35	NT-01	M4 NUTS	2	DRAWN J. WANG	AME DATE / G 19/01/2020 D	ARE IN MILLIMETRES  DO NOT SCALE DRAWING DWG No.  DWG No.	ment of nical Engineering
SOLIDWO	RKS Educationa	l Product. For Instructional Use Only.	CHARIDES 21/01/2020 CHARIDES 21/01/2020	A3 SCALE 1:5 MA-01	DF 5 REVISION 3		