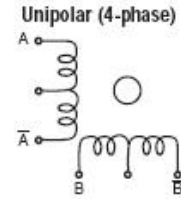
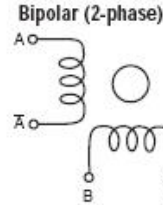


20BY Series, 25BY Series, 30BYJ Series	35BY Series	42BY Series	Bipolar 2-phase 4-wire	Unipolar 4-phase 6-wire
--	-------------	-------------	------------------------------	-------------------------------


**20BY, 25BY Series PM Stepper Motors**

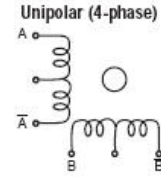
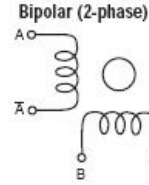
Kysan #	MFG#	No of Phase	Step Angle (Deg.)	Voltage (V)	Resist. (Ohms)	Current (mA)	Detent Torque (g.cm)	Holding Torque (g.cm)	Price (US\$)		
									1+	10+	100+
1130001	20BY20H01	4	18	5	10	500	7.8	18	5.13	4.62	4.16
1132001	25BY2402	4	15	9	50	180	14	48	4.07	3.66	3.29
1132002	25BY2403	4	15	9	20	450	4.5	48	4.07	3.66	3.29
1132003	25BY2406	4	15	12	30	400	7.5	48	4.07	3.66	3.29
1132004	25BY2407	4	15	16.2	85	190	19	48	4.07	3.66	3.29
1132005	25BY2408	4	15	16.2	60	270	16	48	4.07	3.66	3.29
1132006	25BY2414	2	15	12	27	250	15.5	48	4.07	3.66	3.29
1132007	25BY2409	4	15	24	118	200	22	48	4.07	3.66	3.29
1133001	25BY4801	4	7.5	5	10	500	16	45	4.07	3.66	3.29
1133002	25BY4803	4	7.5	12	50	240	16	45	4.07	3.66	3.29
1133003	25BY4806	4	7.5	20	50	400	16	45	4.07	3.66	3.29
1133004	25BY4807	4	7.5	20	50	400	16	45	4.07	3.66	3.29
1133005	25BY4808	4	7.5	20	50	400	16	45	4.07	3.66	3.29
1133006	25BY4809	4	7.5	20	50	400	16	45	4.07	3.66	3.29

**Drives for Stepper Motors**

Kysan #	MFG #	Price(US\$)			Kysan #	Hole Size (mm)	Price (US\$)		
		1+	10+	100+			1+	10+	100+
1141001	CW220	76.93	69.24	62.32	1142001	3.18	0.4	0.36	0.32
1141002	CW242	76.93	69.24	62.32	1142002	5	0.4	0.36	0.32
1141003	CW250	85.47	76.92	69.23	1142003	6.35	0.4	0.36	0.32
1141004	CW430	76.93	69.24	62.32	1142004	rubber	0.2	0.18	0.16
1141005	XCW220	76.93	69.24	62.32	1142005	14-15	6.4	5.76	5.18
1141007	CW230	85.47	76.92	69.23	1142006	6.35-10	4.27	3.84	3.46
1141012	CW260C	235.03	211.53	190.37	1142007	10.0-10.0	6.4	5.76	5.18
1141010	CW01	256.41	230.77	207.69	1142008	14.0-10.0	6.4	5.76	5.18

**Spider Coupler**

20BY Series, 25BY Series, 30BYJ Series	35BY Series	42BY Series	Bipolar 2-phase 4-wire	Unipolar 4-phase 6-wire
--	-------------	-------------	------------------------------	-------------------------------


**30BYJ, 35BYJ, 35BY Series PM Stepper Motors**

Kysan SKU	MFG Model	No of Phase	Step Angle (Deg.)	Voltage (V)	Resist. (Ohms)	Current (mA)	Induct. (mH)	Detent Torque (g.cm)	Holding Torque (g.cm)	Pricing in US\$		
										1+	10+	100+
1134001	35BY48B06	4	7.5	5	10	500	65	65	250	4.5	4.05	3.65
1134002	35BY48B07	4	7.5	24	110	240	70	65	330	4.5	4.05	3.65
1134003	35BY48B08	4	7.5	24	75	320	38	65	270	4.5	4.05	3.65
1134004	35BY48B09	4	7.5	12	50	270	28	65	300	4.5	4.05	3.65
1135001	35BY48BH01	4	7.5	24	165	145	85	90	400	4.5	4.05	3.65
1135002	35BY48BH02	4	7.5	16.2	60	270	50	90	450	4.5	4.05	3.65
1135003	35BY48BH03	4	7.5	28.8	115	278	85	90	450	4.5	4.05	3.65
1135004	35BY48BH05	4	7.5	12	15	800	10	90	460	4.5	4.05	3.65
1135005	35BY48BH07	4	7.5	24	110	240	70	90	350	4.5	4.05	3.65
1135006	35BY48BH10	4	7.5	12	42	286	25	90	400	4.5	4.05	3.65
1137001	42BY48H02	4	7.5	24	48	500	65	130	630	5.77	5.19	4.67
1137002	42BY48H05	4	7.5	14	70	200	25	130	450	5.77	5.19	4.67
1137003	42BY48H06	4	7.5	9	20	450	18.5	130	800	5.77	5.19	4.67
1137004	42BY48H07	4	7.5	24	85	280	78	130	780	5.77	5.19	4.67
1137005	42BY48H08	2	7.5	5	9.1	550	48	130	630	5.77	5.19	4.67

Kysan SKU	MFG Model	No of Phase	Step Angle (Deg.)	Voltage (V)	Resist. (Ohms)	Current (mA)	Detent Torque (g.cm)	Holding Torque (g.cm)	Pricing in US\$		
									1+	10+	100+
1131001	35BYJ01	4	7.5/85.25	12	130	92	350	800	3.83	3.45	3.11
1131002	35BYJ03	4	7.5/85.25	12	400	40	450	450	3.83	3.45	3.11
1131003	35BYJ02	4	7.5/85.25	12	200	60	400	600	3.83	3.45	3.11
1131004	35BYJ02A	4	7.5/85.25	12	200	60	400	600	3.83	3.45	3.11
1131005	35BYJ46A	4	7.5/85.25	12	200	60	400	600	3.83	3.45	3.11

Kysan SKU	MFG Model	No of Phase	Step Angle (Deg.)	Voltage (V)	Resist. (Ohms)	Current (mA)	Detent Torque (g.cm)	Holding Torque (g.cm)	Pricing in US\$		
									1+	10+	100+
1139001	30BYJ02AH	4	7.5/85.25	12	200	60	400	400	3.63	3.27	2.94
1139002	30BYJ01C1	4	7.5/85.25	12	300	40	350	350	3.63	3.27	2.94
1139003	30BYJ03C	4	7.5/85.25	12	160	75	350	500	3.63	3.27	2.94
1139004	30BYJ011	4	7.5/85.25	12	300	40	350	350	3.63	3.27	2.94
1139005	30BYJ05-PH	4	7.5/85.25	12	300	40	300	350	3.63	3.27	2.94