



瑞勇寬幅皮帶無段變速輪

Reyon Stepless Variable Speed Pulleys

Made In Taiwan



AP



BP



BELT



ABP

Features of Variable Speed Pulleys

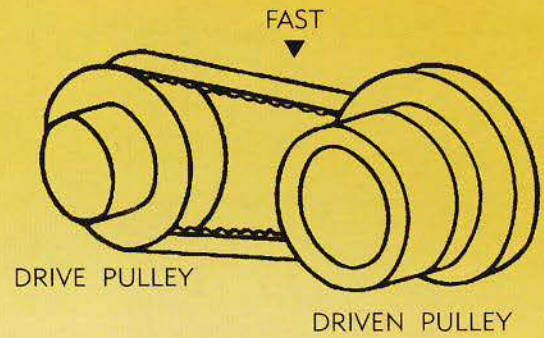
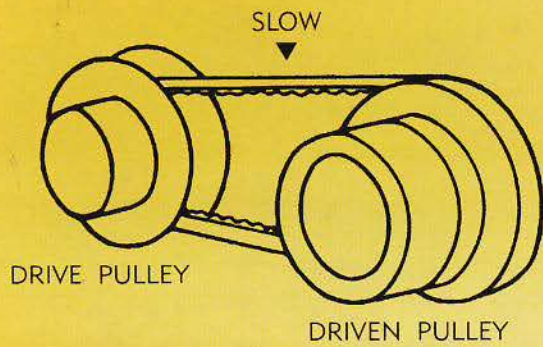
- The main body is cast-made by FC 25, machined by a CNC lathe and processed carefully in unity. The assembled parts are further precisely ground and the surfaces, chromoplated.
- The shaft attachments are made of S45C medium carbon steel, processed and finished with precision, and treated by hard chromium.
- The special lubricant stored with in the unit is to ensure its durability, easy maintenance and lasting service.
- **REYON** variable speed pulleys are suitable for speed shifting mechanism of various industrial machineries. Proper utilization may promote the productivity, save the energies and increase the industrial profits.
- The unit is built with heavy duty bearings, permitting for long time, high speed running. Changing speed is convenient to make without stop of the machine. The speed selector knob is graduated for reading out the speed setting and running direction indicating.
- Expertly manufactured, **REYON** variable speed pulleys are excellent in quality and reasonably priced. Your kind inquiries will be appreciated and treated always with strict confidence.

Introduction to the Principles of Kosmos Stepless Variable Speed Pulleys

- By means of the breadth of 2 V-shaped grooves, separately mounted on the drive end (i.e., motor shaft) and driven end (i.e., power input shaft of the decelerator), the adjustable belt pulleys are made possible.
- There is a stepless variable speed belt installed within the V-shaped grooves connecting the two pulleys to transmit the speed rate and moment of force.
Upon one side of the V-shaped groove of the pulley, a traversable controller is mounted respectively (AP pulley is manually controlled, and BP pulley automatically adjusted by the spring).
The related speed rate and moment of force may spontaneously secure the variable value of transmission by changing the effective contacting radiuses of the V-shaped grooves.

Speed Changing Instruction for Variable Speed Pulley

- Normally, the AP pulley is mounted at the drive end while the BP wheel is installed at the driven end for speed change during rotation (speed change in stop motion is prohibited). There is a black hand wheel on the external part of the AP wheel. When it is turned clockwise, the power output speed will be reduced, and vice versa. Cross transmission is possible for both directions at the same time. When changing the speed, simply turning the speed selector knob to change the distance between the driven and drive pulley for changing the belt position on pulley. It gives a wide range of speed variation, and very easy to operate.



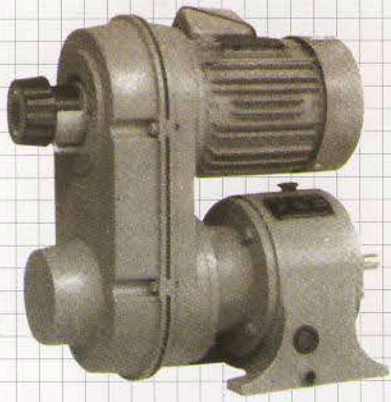
ABP
TABLE OF RELATED DATA TO ABP VARIABLE SPEED PULLEYS

TYPE	HP	SIZE	BELT SIZE WHEELBASE	SPEED RATE	BELT SIZE WHEEL BASE		HAND WHEEL ROUNDS	SIDE PULLEY TRAVEL RANGE (MM)	PRICE
05-ABP	1/2	AP-125 BP-124	1422V240 163	1 : 3.5	1422V270 200	1422V300 242	6.5	13	12,000
1-ABP	1	AP-140 BP-155	1422V270 172	1 : 4	1422V300 214	1422V330 252	7.5	15	18,000
2-ABP 3-ABP	2 3	AP-155 BP-185	1922V298 182	1 : 4	1922V321 211	1922V338 235	8.8	17.5	21,000
5-ABP	5	AP-185 BP-215	2322V396 266	1 : 4	2322V441 316	2322V481 363	10	22	43,000
7.5 ABP	7.5-10	AP-225 BP-224	41-22-1163	1 : 4	-	-	12	24	82,000

SPECIFICATION OF TYPE AP/BP

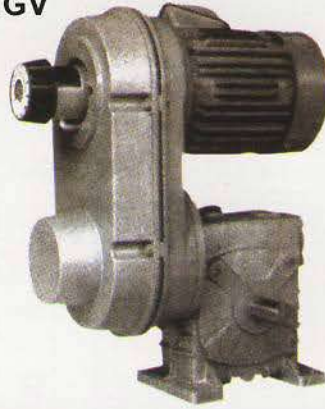
Model	HP	SIZE OF TYPE AP											SIZE OF TYPE BP										
		A1	M1	L1	B	Q	T	D1	W1	U1	max. PD.	min. PD.	(Kg)	A2	M2	L2	D2	W2	U2	max. P.D.	min. P.D.	X	kg
02-ABP	1/4	90	70	141	φp10	10	67	11 14	-	-	85	34.5	1.3	105	76	93	12 15	4 5	14 17.5	100	53	3.5	1.6
05-ABP	1/2	125	87	168	58	13	108	14 16	5	16.5 18.5	117	58	3.4	124	76	124	15 18	5	17.5 20.5	118	62	9.5	2.2
1-ABP	1	140	87	173	58	16	111	-19 -22 -24	-6 -7 -8	-22 -25.5 -28	132	58	3.9	155	94	150	18 22	5 7	20.5 25.5	148	77	12	3.7
2-ABP	2	155	87	203	58	17	140	24	8	28	145	60	4.4	185	104	177	22 25	7	25.5 28.5	177	100	15	6.3
3-ABP	3	155	87	203	58	17	140	28	8	32	145	60	4.4	185	104	177	25	7	28.5	177	100	15	6.3
5-ABP	5	185	87	228	58	18	160	28	8	32	173	70	6.3	215	104	200	28 30	7	28.5 31.5	214	125	23	8.9
7.5 ABP	7.5 10	225	82	320	80	34	145	38	10	43	-	-	11.3	224	164	185	35	10	38.5	-	-	-	10

Note : 1. Q size of AP-02 varies slightly as of a vertical column of φ10 x L40.
2. Size are subject to modification without prior notice.



Gear Reducer with Variator

MGV



Worm Gear Reducer with Variator

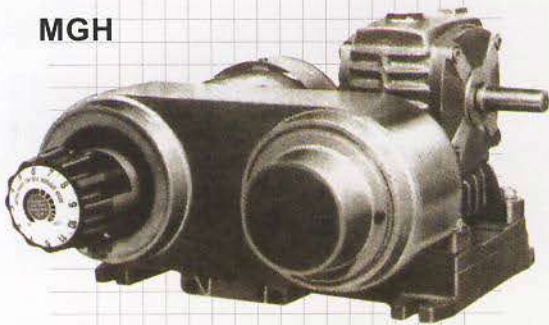


Variable Speed Unit of BS

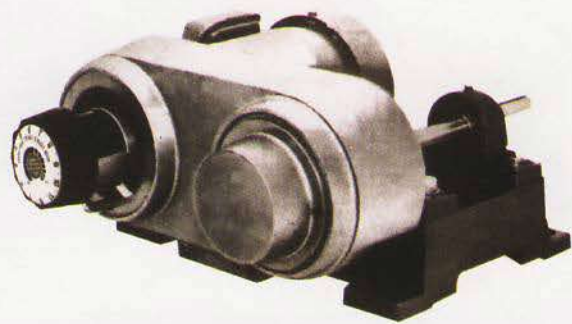


Variable Speed Unit (Upper Shaft Worm)

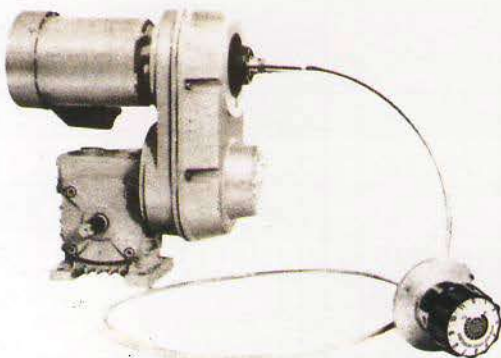
MGH



Gear Reducer Variable Speed Unit



Variable Speed Unit (Driven Shaft)



Variable Speed Unit (with Control)



Variable Speed Unit (with Control)

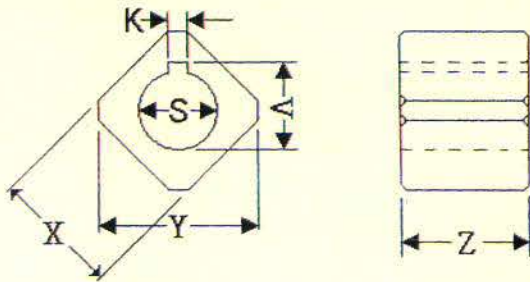
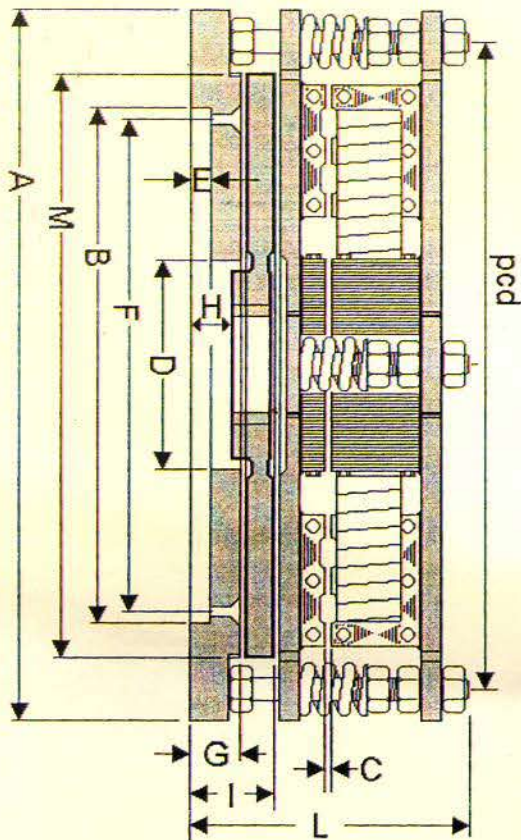
HIGH EFFICIENCY BRAKE FROM TAIWAN



SON YI BRAKE
ชุดเบรก AC 380V



Made In Taiwan



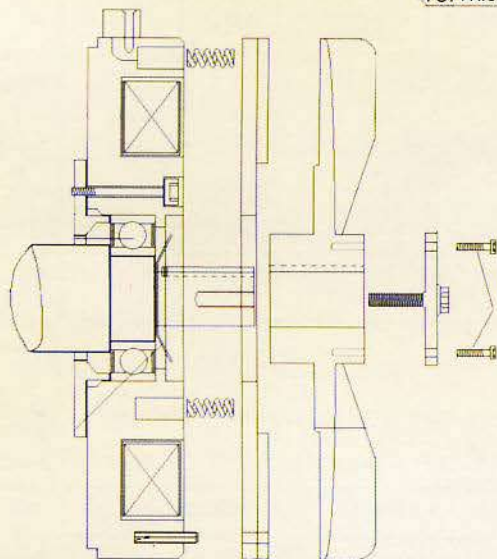
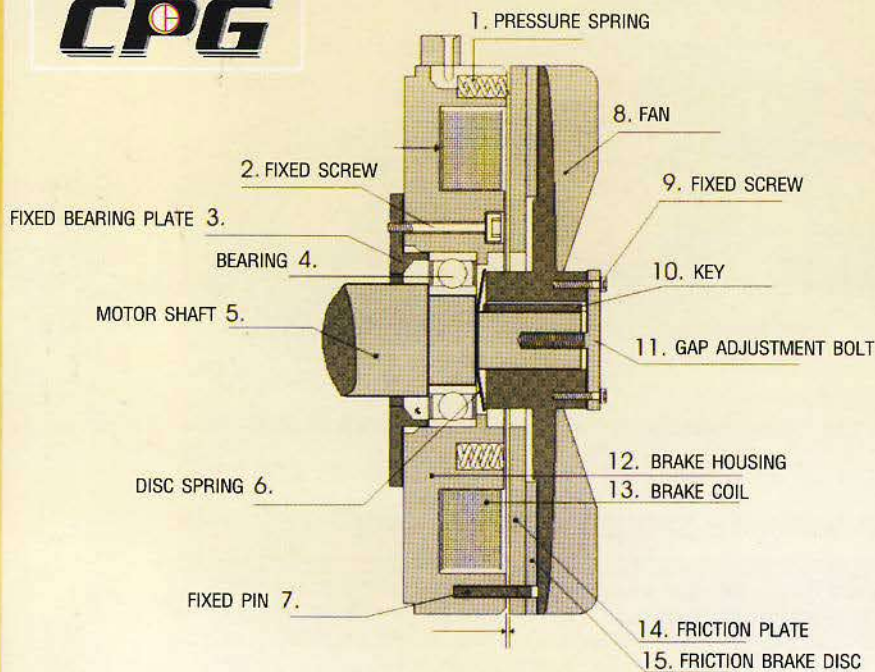
รหัส	ขนาด	ราคา	ราคาเฉพาะฟ้าเบรก
B14220	1/4HP	7,000	1,100
B05380	1/2 HP	7,600	1,500
B1380	1 HP	8,000	1,600
B2380	2 HP	9,000	2,000
B3380	3 HP	10,600	2,100
B5380	5 HP	12,000	2,800
B7380	7.5 HP	15,000	3,000
B10380	10 HP	18,000	3,000
B15380	15 HP	21,000	3,300
B20380	20 HP	24,000	6,200
B25380	25 HP	44,000	6,500
B30380	30 HP	46,000	6,500
B40380	40 HP	55,000	6,500
B50380	50 HP	57,000	6,800

AC BRAKE : 3 PHASE 380V.

	A	B	C	D	E	F	G	H	I	L	M	pcd
1/4HP	114	65	0.4	46	7	75	14	12	21	72	87	100
1/2HP	155	100	0.5	65	8	90	17	12	27	85	112	130
1HP	175	106	0.5	71	7	97	17	12	28	86	130	150
2HP	185	120	0.5	75	9	112	19	14	31	91	140	160
3HP	195	135	0.5	80	10	128	21	18	34	96	150	170
5HP	215	148	0.6	85	9	140	17	13	30	96	170	190
7.5HP	215	148	0.7	85	9	140	21	17	54	123	170	190
10HP	246	175	0.7	105	9	185	16	12	51	122	190	210
15HP	267	180	0.8	110	9	190	23	19	62	160	200	230
20HP	315	200	0.8	130	9	220	26	25	66	162	240	270
30HP	350	250	0.8	150	15	265	30	27	73	185	300	320
40HP	350	250	0.8	150	15	265	30	27	73	185	300	320
50HP	350	250	0.9	150	15	265	30	27	100	222	300	320

S	V	K	X	Y	Z
10.75	13.2	4	25.4	33	15
12.75	15.7	5	31.7	41.5	18
17.75	20.7	5	31.7	41.5	18
22.75	26.7	7	38	51	22
22.75	26.7	7	38	51	22
27.75	31.7	7	38	51	22
27.75	31.7	7	50.6	65	30
27.75	31.7	7	50.6	65	42
34.75	40	10	50.6	65	42
34.75	40	10	72	94	52
44.5	49	12	72	94	52
			72	94	
			72	94	

BRAKE UNIT DC 90

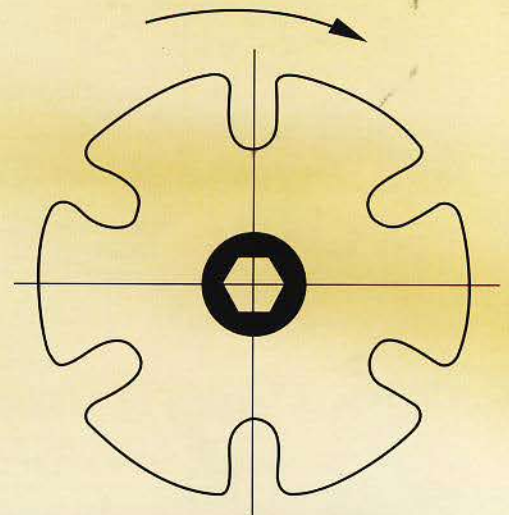


ชุดเบรก DC 90 V



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รหัส	ขนาด	ราคา
B18DC	1/8 HP	8,000
B14DC	1/4 HP	8,000
B12DC	1/2 HP	9,000
B1DC	1 HP	9,000
B2DC	2 HP	10,000
B3DC	3 HP	11,000
B5DC	5 HP	13,000



1	PRESSURE SPRING	9	FIXED SCREW	ADJUST BRAKE CLEARANCE 1. PLEASE REMOVE TOW PIECES FIXED SCREWS IN ADVANCE 2. EVERY SINGLE POSITION ADJUSTMENT, BRAKE CLEARANCE WILL REDUCE 0.07-0.10 MM
2	FIXED SCREW	10	KEY	
3	FIXED BEARING PLATE	11	GAP ADJUSTMENT BOLT	
4	BEARING	12	BRAKE HOUSING	
5	MOTOR SHAFT	13	BRAKE COIL	
6	DISC SPRING	14	FRICTION PLATE	
7	FIXED PIN	15	FRICTION BRAKE DISC	
8	FAN			



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