

Typical Applications :

- Textile Machines
- Packaging Machinery
- Cut to length Machinery
- Auto Labeling Machines Printing Machines
- Machine Tools, Rubber Machinery
- Copy Lathes
- Coil Winding Machines etc.
- Material handling equipments
- Welding Machines
- Bag Making Machines
- Bottling Plant Machinery
- Automatic Carton Folding Machines
- Indexing Machinery
- Steel Plant Machinery
- Filling Machinery
- Special purpose Machines

Reach us : Electromatic Engineers Pvt. Ltd.

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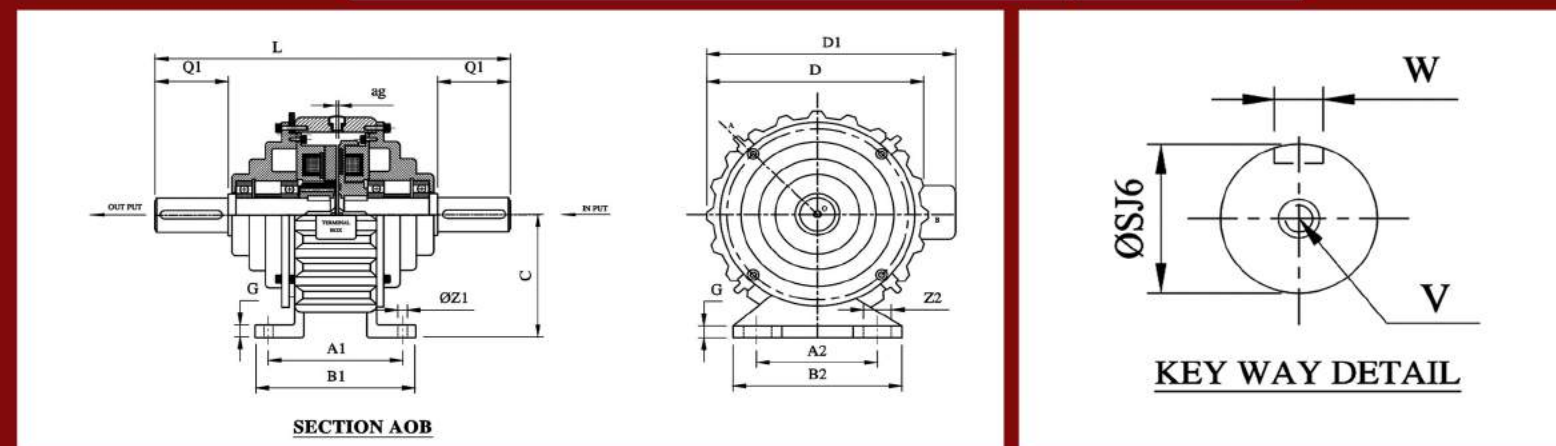


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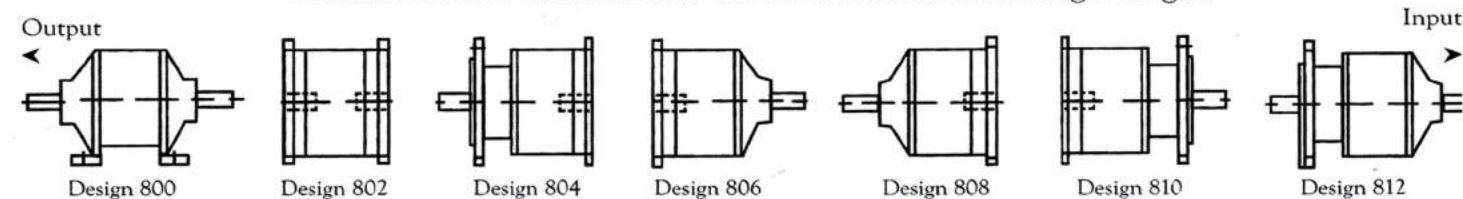
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CLUTCH & BRAKE COMBINATION TYPE & Designs- UCB-E 800



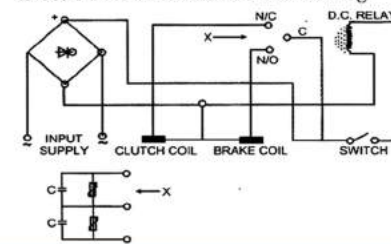
Clutch Brake Combinations are Available in following Designs



UCB-E 800 Dimensional Series

Size/ Torque Nm	Voltage DC	Clutch	Brake	Max RPM	A1	A2	B1	B2	C	D	D1	G	L	Q1	SJ6	V	W	Z1	Z2	ag
8	24/96/ 105/ 190/ 205 •Other Voltage s on request	15	11.5	8000	80	90	100	110	63	104	126	6	175	23	11	M4x10	4	6.5	13.5	0.3
15		25	18	6000	95	105	112	127	71	132	153	8	212	30	14	M5x12	5	7.0	13.5	0.3
30		28	21	5000	100	140	130	170	90	167	190	8	265	50	24	M6x20	8	10	15	0.4
60		35	28	4000	130	150	157	181	100	187	209	8	314	60	28	M8x25	8.	12	20	0.6
125		50	38	3000	160	175	188	218	132	227	255	15	380	80	38	M10x25	10	14	24	0.8
250		68	45	3000	165	230	200	280	160	280	333	16	406	80	42	M10x30	12	20	25	1.0
500		85	70	2000	185	270	225	325	200	350	400	20	428	80	48	M10x30	14	20	25	1.2
625		140	70	1500	227	300	275	355	250	410	470	18	573	120	55	M10x30	16	25	40	1.5
1240		205	150	1500	250	400	305	455	280	514	*	18	632	130	60	*	18	30	50	1.8
2500		288	200	1500	400	460	490	550	355	620	*	20	860	140	75	*	20	40	60	2.0

Electrical Connections & Switching



SWITCHING:

Unitorq clutch and brake combination must only be operated on DC voltage. The rated voltage is shown on the name plate of the unit. These units should be switched on the DC side to for shorter switching on and off times. The switching can be done with any standard 6 Amps contactor/ solid state relay. To restrict the high inductive voltage/back EMF a suitable supressor and capacitor network has to be provided across the contactor coil.

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Group Companies :
• Unitorq Engineers (P) Ltd. ,
• Sytco Engineers , Latur



Typical Applications :

- Textile Machines
- Packaging Machinery
- Cut to length Machinery
- Auto Labeling Machines
- Machine Tools
- Copy Lathes
- Coil Winding Machines etc.
- Material handling equipments
- Welding Machines
- Bag Making Machines
- Bottling Plant Machinery
- Automatic Carton Folding Machines
- Indexing Machinery
- Steel Plant Machinery
- Filling Machinery
- Special purpose Machines
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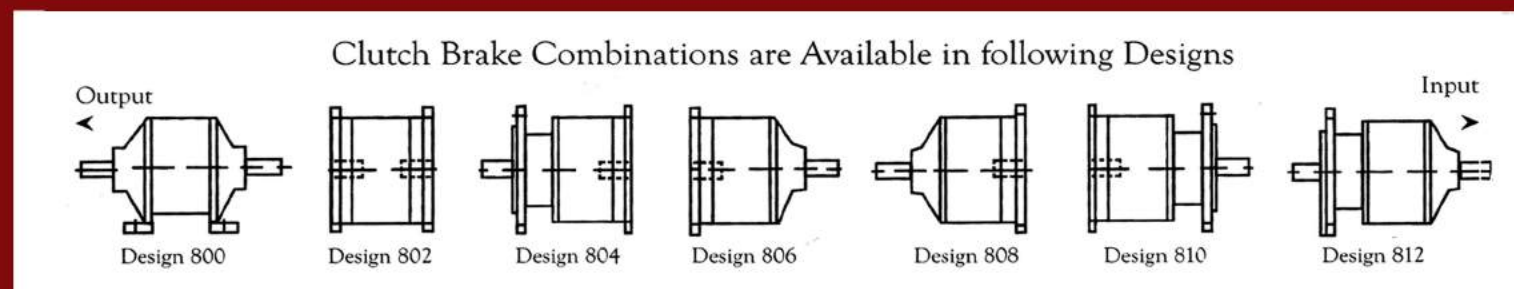
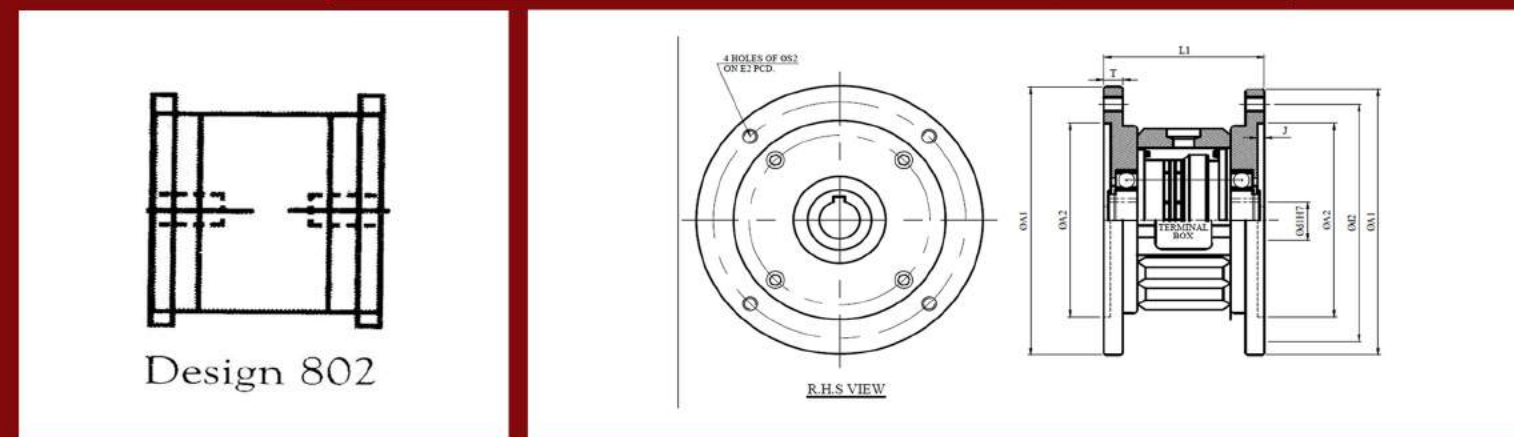
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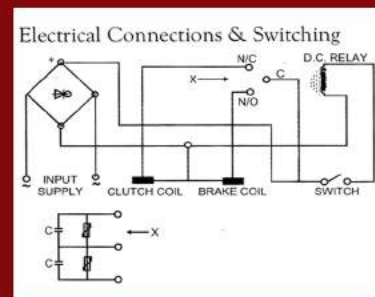


CLUTCH & BRAKE COMBINATION TYPE & Designs- UCB-E 802



UCB-E 802 Dimensional Series

PARAMETERS				UCB SERIES - DESIGN 802												
SR. NO.	SIZE	TORQUE NM.	VOLTAGE	CLUTCH WATTAGE	BRAKE WATTAGE	ØA1	ØA2	Ød1	Ød2	J	T	L1	L2	L3	S2	E2
1	08	08	24/ 96/ 190/ OTHER VOLTAGE ON REQUEST	15	11.5	160	110.5	14	120	5	10	100	43	51	M8	130
2	15	15		20	16	200	131	19	139	5	12	110	46	58	M10	165
3	30	30		28	21	200	130.5	24	173	5	12	125	52	66	M10	165
4	60	60		35	28	250	180.5	28	197	5	16	141	60	73	M12	215
5	125	125		50	38	300	231	38	251	6	16	190	80	100	M12	265
6	250	125		50	38	300	231	38	251	6	16	190	80	100	M12	265
7	500	125		50	38	300	231	38	251	6	16	190	80	100	M12	265
8	625	125		50	38	300	231	38	251	6	16	190	80	100	M12	265



SWITCHING

Unitorq clutch and brake combination must only be operated on DC voltage. The rated voltage is shown on the name plate of the unit. These units should be switched on the DC side to for shorter switching on and off times. The switching can be done with any standard 6 Amps contactor/ solid state relay. To restrict the high inductive voltage/back EMF a suitable suppressor and capacitor network has to be provided across the contactor coil.

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Group Companies :

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Typical Applications :

- Textile Machines
- Packaging Machinery
- Cut to length Machinery
- Auto Labeling Machines
- Machine Tools
- Copy Lathes
- Coil Winding Machines etc.
- Material handling equipments
- Welding Machines
- Bag Making Machines
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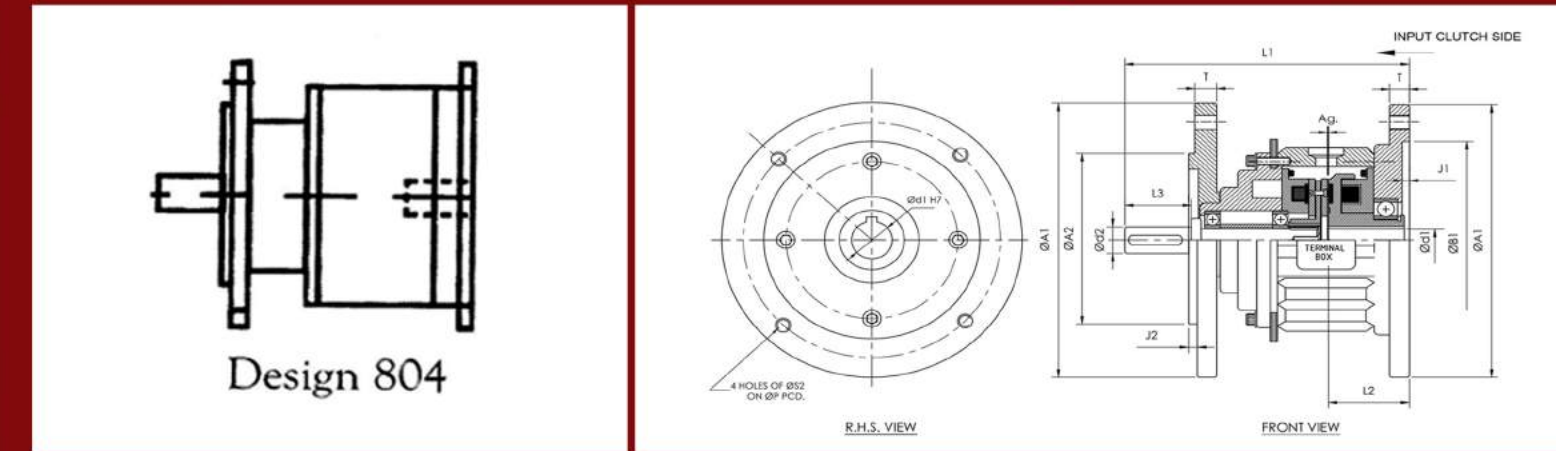
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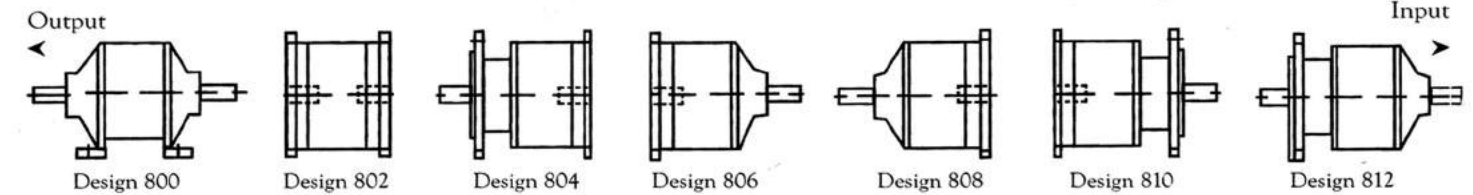
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CLUTCH & BRAKE COMBINATION TYPE & Designs- UCB-E 804

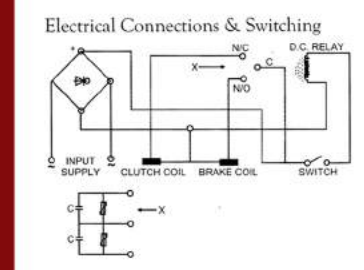


Clutch Brake Combinations are Available in following Designs



UCB-E 804 Dimensional Series

PARAMETERS											UCB SERIES - DESIGN 804									
SR. NO.	SIZE	TORQUE NM.	VOLTAGE	CLUTCH WATTAGE	BRAKE WATTAGE	ØA1	ØA2	ØB1	ØP	J1	J2	Ød1	Ød2	ØS1	ØS2	T	L1	L2	L3	ag.
1	08	08	24/ 96/ 190/ OTHER VOLTAGE ON REQUEST	15	11.5	160	110	110.5	130	5	3	14	14	9.5	M8	10	150	44	30	0.2
2	15	15		20	16	200	130	131	165	5	3.5	19	19	11.5	M10	12	170	46	40	0.3
3	30	30		28	21	200	130	131	165	5	3.5	24	24	11.5	M10	12	200	53	50	0.3
4	60	60		35	28	250	180	181	215	5	4	28	28	14	M12	16	236	60	60	0.3
5	125	125		50	38	300	230	231	265	6	4	38	38	14	M12	16	284	80	80	0.3



SWITCHING

Unitorq clutch and brake combination must only be operated on DC voltage. The rated voltage is shown on the name plate of the unit. These units should be switched on the DC side to for shorter switching on and off times. The switching can be done with any standard 6 Amps contactor/ solid state relay. To restrict the high inductive voltage/back EMF a suitable supressor and capacitor network has to be provided across the contactor coil.

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Typical Applications :

- Textile Machines
- Packaging Machinery
- Cut to length Machinery
- Auto Labeling Machines
- Machine Tools
- Copy Lathes
- Coil Winding Machines etc.
- Material handling equipments
- Welding Machines
- Bag Making Machines
- Bottling Plant Machinery
- Automatic Carton Folding Machines
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- Filling Machinery
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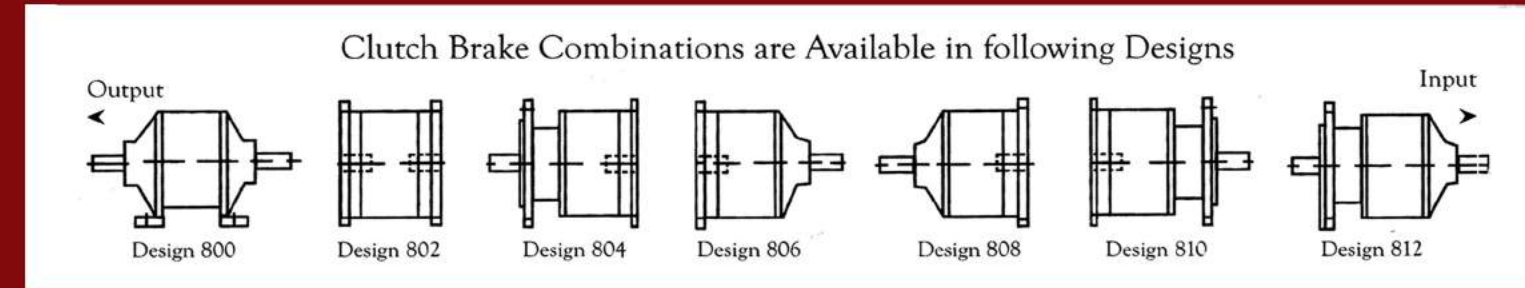
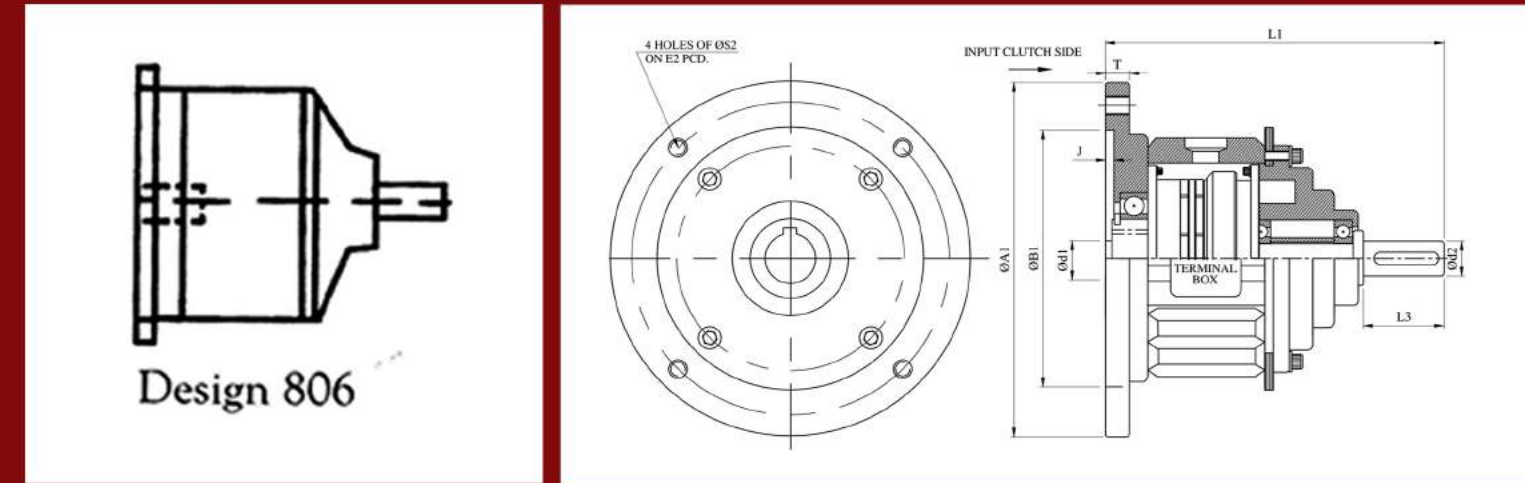
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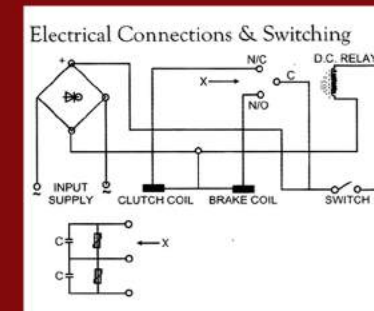
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- BHILAI

CLUTCH & BRAKE COMBINATION TYPE & Designs- UCB-E 806



UCB-E 806 Dimensional Series

PARAMETERS										UCB SERIES - DESIGN 806							
SR. NO.	SIZE	TORQUE NM.	VOLTAGE	CLUTCH WATTAGE	BRAKE WATTAGE	ØA1	ØB1	Ød1	Ød2	Ød3	T	L1	L2	L3	J	S2	E2
1	08	08	24/ 96/ 190/ OTHER VOLTAGE ON REQUEST	15	11.5	160	110.5	14	14	120	10	132	51	23	5	M8	130
2	15	15		20	16	200	131	19	19	139	12	161	58	30	5	M10	165
3	30	30		28	21	200	130.5	24	24	173	12	200	66	50	5	M10	165
4	60	60		35	28	250	180.5	28	28	197	16	227	73	60	5	M12	215
5	125	125		50	38	300	231	38	38	251	16	290	100	80	6	M12	265



SWITCHING

Unitorq clutch and brake combination must only be operated on DC voltage. The rated voltage is shown on the name plate of the unit. These units should be switched on the DC side to for shorter switching on and off times. The switching can be done with any standard 6 Amps contactor/ solid state relay. To restrict the high inductive voltage/back EMF a suitable supressor and capacitor network has to be provided across the contactor coil.

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Typical Applications :

- Textile Machines
- Packaging Machinery
- Cut to length Machinery
- Auto Labeling Machines
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- Welding Machines
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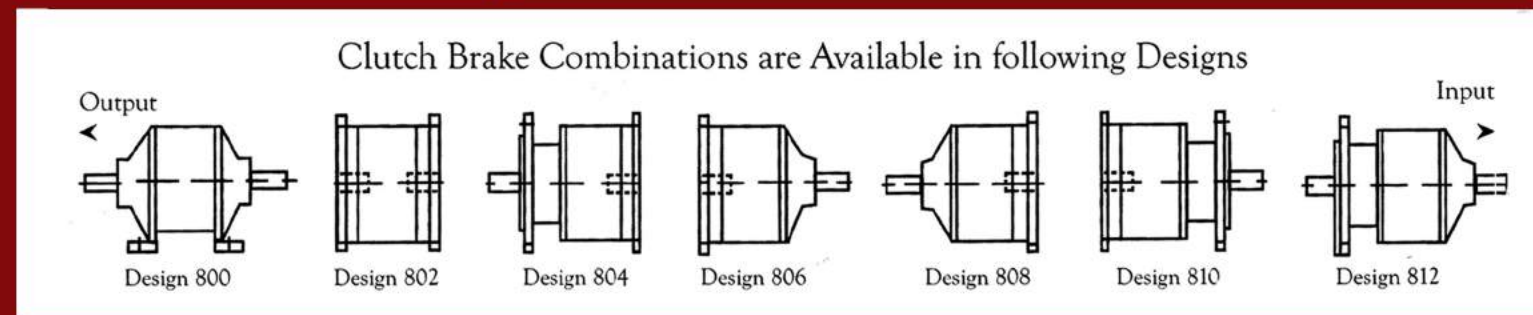
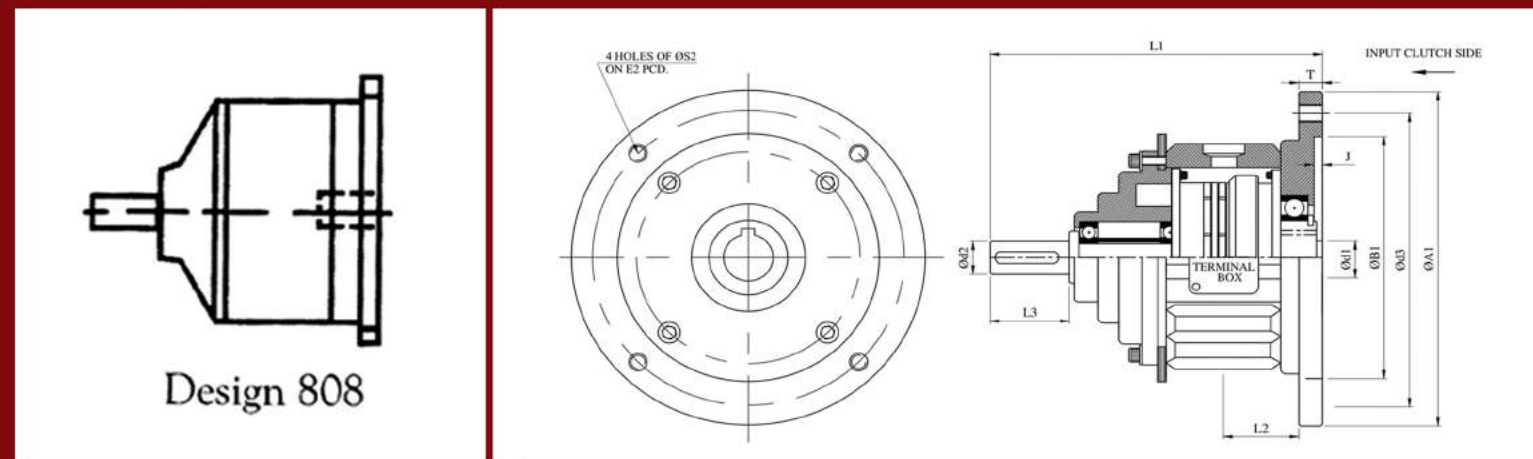
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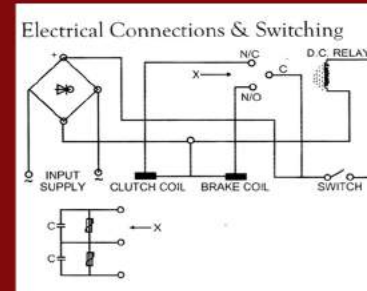


CLUTCH & BRAKE COMBINATION TYPE & Designs- UCB-E 808



UCB-E 808 Dimensional Series

PARAMETERS						UCB SERIES - DESIGN 808											
SR. NO.	SIZE	TORQUE NM.	VOLTAGE	CLUTCH WATTAGE	BRAKE WATTAGE	ØA1	ØB1	Ød1	Ød2	Ød3	T	L1	L2	L3	J	S2	E2
1	08	08	24/ 96/ 190/ OTHER VOLTAGE ON REQUEST	15	11.5	160	110.5	14	14	120	10	144	43	23	5	M8	130
2	15	15		20	16	200	131	19	19	139	12	159	46	30	5	M10	165
3	30	30		28	21	200	130.5	24	24	173	12	198	52	50	5	M10	165
4	60	60		35	28	250	180.5	28	28	197	16	234	60	60	5	M12	215
5	125	125		50	38	300	231	38	38	251	16	284	80	80	6	M12	265



SWITCHING

Unitorq clutch and brake combination must only be operated on DC voltage. The rated voltage is shown on the name plate of the unit. These units should be switched on the DC side to for shorter switching on and off times. The switching can be done with any standard 6 Amps contactor/ solid state relay. To restrict the high inductive voltage/back EMF a suitable supressor and capacitor network has to be provided across the contactor coil.

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Group Companies :

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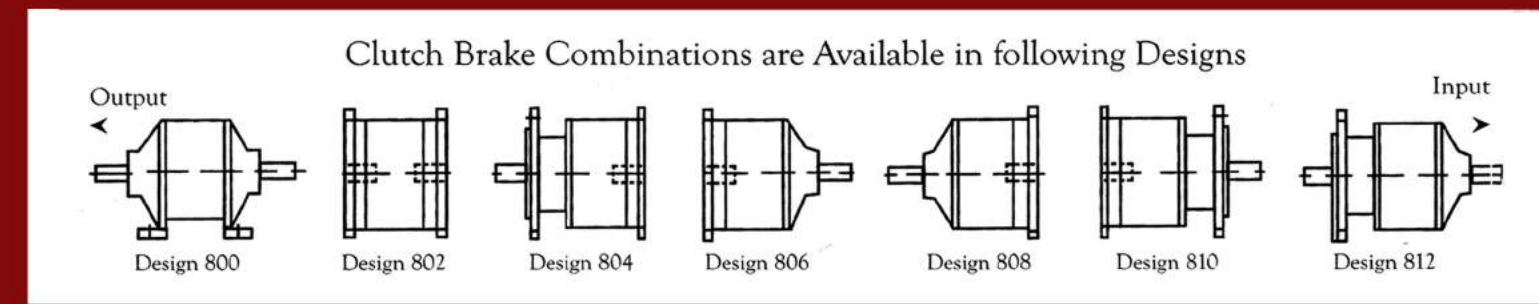
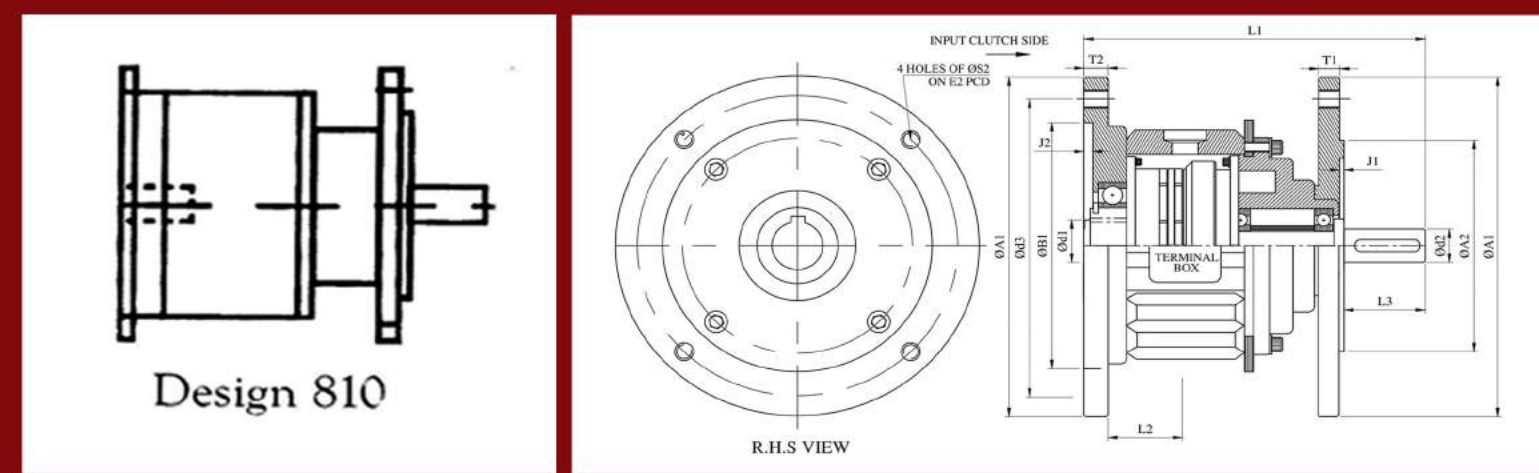


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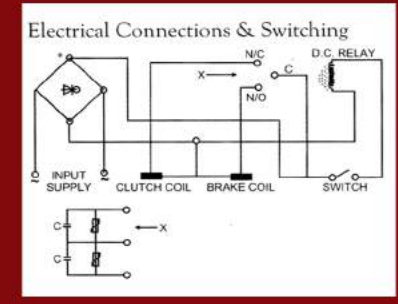
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CLUTCH & BRAKE COMBINATION TYPE & Designs- UCB-E 810



UCB-E 810 Dimensional Series

PARAMETERS				UCB SERIES - DESIGN 810																	
SR. NO.	SIZE	TORQUE NM	VOLTAGE	CLUTCH WATTAGE	BRAKE WATTAGE	ØA1	ØA2	ØB1	Ød1	Ød2	Ød3	J2	J1	T1	T2	L1	L2	L3	S2	S3	E2
1	08	08	24/ 96/ 190/ OTHER VOLTAGE ON REQUEST	15	11.5	160	110	110.5	14	14	120	5	3	9	10	150	51	30	M8	9.5	130
2	15	15		20	16	200	130	131	19	19	139	5	3.5	9	12	169	58	40	M10	11.5	165
3	30	30		28	21	200	130	130.5	24	24	173	5	3.5	10	12	198	66	50	M10	11.5	165
4	60	60		35	28	250	180	180.5	28	28	197	5	4	11	16	232	73	60	M12	14	215
5	125	125		50	38	300	230	231	38	38	251	6	4	12	16	284	100	80	M12	14	265



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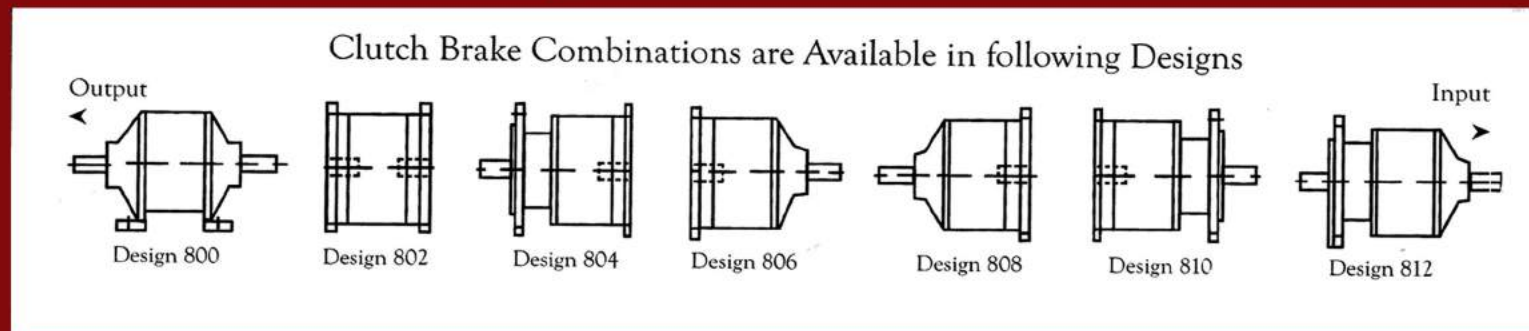
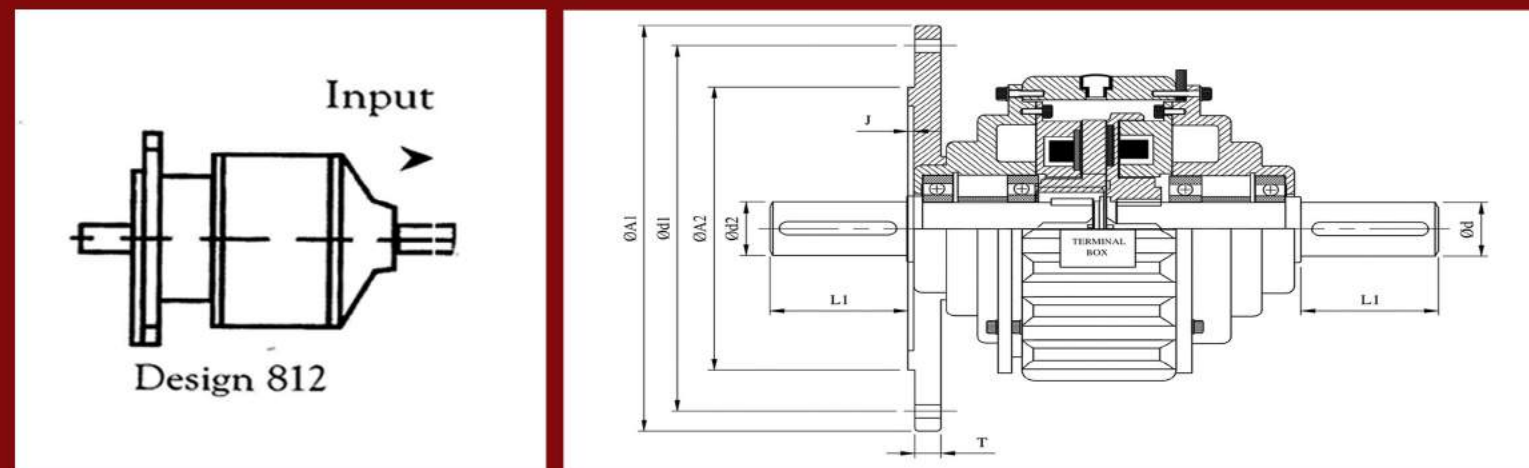
SYTCO[®]
BRAKES & TORQUE LIMITERS

Group Companies : • **Unitorq Engineers (P) Ltd. ,** • **Sytco Engineers , Latur**

OFFICES

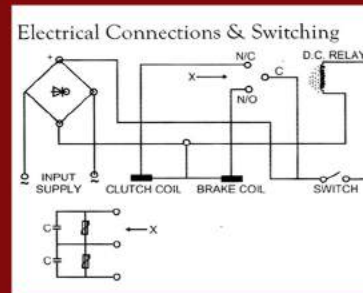
- DELHI
- COIMBATORE
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- LATUR
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- CHENNAI
- AHMEDABAD
- INDORE
- MUMBAI
- BHILAI

CLUTCH & BRAKE COMBINATION TYPE & Designs- UCB-E 812



UCB-E 812 Dimensional Series

PARAMETERS						UCB SERIES - DESIGN 812									
SR. NO.	SIZE	TORQUE NM.	VOLTAGE	CLUTCH WATTAGE	BRAKE WATTAGE	Ød	ØA1	ØA2	Ød1	L	L1	T	J	E1	S1
1	08	08	24/ 96/ 190/ OTHER VOLTAGE ON REQUEST	15	11.5	11	140	95	120	175	23	9	3	115	9.5
2	15	15		20	16	14	160	110	139	210	30	9	3.5	130	9.5
3	30	30		28	21	24	200	130	173	272	50	10	3.5	165	11.5
4	60	60		35	28	28	250	180	197	320	60	11	4	215	14
5	125	125		50	38	38	300	230	251	383	80	12	4	265	14



SWITCHING

Unitorq clutch and brake combination must only be operated on DC voltage. The rated voltage is shown on the name plate of the unit. These units should be switched on the DC side to for shorter switching on and off times. The switching can be done with any standard 6 Amps contactor/ solid state relay. To restrict the high inductive voltage/back EMF a suitable suppressor and capacitor network has to be provided across the contactor coil.

Reach us : Electromatic Engineers Pvt. Ltd.

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