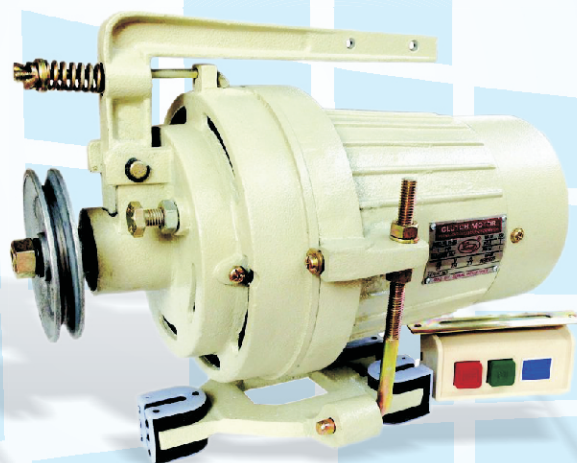




SINCE 1996



"Innovating for Future"

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Model	Walt	H.P.	Volt	Phase	Polee	Hz	Speed (R.P.M.)	Net Weight (KG)	Gross Weight (KG)	Dimension L*B*H
SS-200	200	0.25	230	1	2P	-	2800	12	12.5	310-180-230
SS-250	250	0.33	230	1	2P	-	2800	19	20.5	350-210-250
SS-402	400	0.5	230	1	2P	-	2800	20.5	22	360-210-260
SS-404	400	0.5	230	1	4P	-	1400	20.5	22	360-210-260
SS-702	700	1	230	1	2P	50	2800	22	23.5	360-210-260
SS-704	700	1	230	1	4P		1400	22	23.5	360-210-260
ST-402	400	0.5	415	3	2P		2800	20.5	22	360-210-260
ST-404	400	0.5	415	3	4P		1400	20.5	22	360-210-260
ST-702	700	1	415	3	2P		2800	22	23.5	360-210-260
ST-704	700	1	415	3	4P		1400	22	23.5	360-210-260

PERFORMANCE

The motor is especially designed with powerful performance for industrial sewing machines purpose

SMOOTH ROTATION

Vibration and noise are minimized.

LOW TEMPERATURE RISING

The temperature rising of the motor is extremely low.

ACCURATE CLUTCH OPERATION

The size and weight of the flywheel eliminate speed reduction when it engaged with the clutch. Heavy-duty lining material prevents any slipping. Therefore the accurate clutch operation permits instant starting and stopping of the sewing machine.

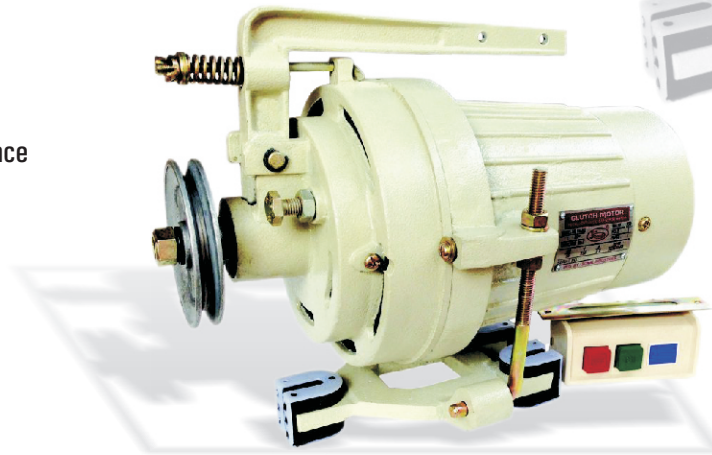
ADJUSTABLE CLUTCH HEAD

The operating lever can always be kept in line with the pitman rod and foot treadle.

Loosen the bracket holding screw so that the pulley side can end of bracket rotates freely. Now adjust the clutch lever to the most suitable operating position. Then, tighten the bracket holding screw and commence operation.

BELT TIGHTENER

The motor is provided with a belt tightener of American dimensions. The tension of the belt is easily adjusted by simply loosening the adjustment nut.



CLUCH MOTOR PARTS LIST

Parts No.	Parts Name	Nos.	Parts No.	Part Name	Nos.
01	Rotor	1	26	Brake Shoe	1
02	Ball Bearing (6203)	2	27	Brake Adjusting Screw Sat	1
03	Motor Body	1	30	Clutch Lever	1
05	Center Bracket	1	31	Lever Pin	1
07	Stater Winding	1	32	Stop Ring	4
09	Capacitor	1	33	Lever Adjusting Screw Sat	1
10	End Cover	1	34	Spring	1
12	Fan Wheel	1	36	Wing Nut	1
13	Woodruff Key	3	37	Pully	1
14	Washer For Fan Wheel	2	38	Pully Lock Nut	1
15	Hexagonal Nut	2	39	Star Washer	1
16	Clutch Lining With Plate	1	40	Slide Base	1
16	Clutch Lining	-	41	Base Pin	1
17	Clutch Plate C.I.	1	42	Belt Adj Bolt Set	1
21	Clutch Shaft Sat	1	43	Nut For Belt Adj Bolt	2
22	Clutch Adjusting Sleeve	1	45	Rubber Sat	3
23	Ball Bearing (6202)	2	46	Motor Sat Screw Sat	3
24	Pully Side Bracket Sat	1	50	Push Button Switch Only	1
24	Pully Side Bracket	-	51	Power Cord Wire	1

FLAMEPROOF / WETHERPROOF FAN

We introduce our new model SI 1002 of Explosion proof fan. Considering the demand of our customers with following special features:-

1. Light Weight
2. Die Cast Light Metal Motor Housing
3. Easy Installation
4. Fins on the motor body for better Heat Dissipation.
5. Approved by CIMFR (Dhanbad) as per latest standard.

Technical Details :- SI 1002

ENCLOSURE:-

EX-d GAS GROUP IIA, IIB, & IIC AS PER LATEST STANDARD IS/IEC 60079-1:2007

PROTECTION:- IP-66 | AREA CLASSIFICATION :- ZONE 1 & 2 | SURFACE TEMP. CLASSIFICATION T6

FLP EXHAUST FAN

SR. NO.	SIZE		CFM	H.P.	PHASE	VOLT	HZ	WEIGHTS IN KGS (APPX.)
	INCH	MM						
1	12"	305	1250	0.25	1	230		10.500
2	12"	305	1250	0.25	3	415		10.500
3	16"	406	2500	0.33	1	230		12.000
4	16"	406	2500	0.33	3	415	50	12.000
5	18"	457	4000	0.50	1	230		17.000
6	18"	457	4000	0.50	3	415		17.000
7	24"	610	6100	0.50	1	230		21.500
8	24"	610	6100	0.50	3	415		21.500



FLP WALL MOUNTING

SR. NO.	SIZE		H.P.	PHASE	VOLT	HZ	WEIGHTS IN KGS (APPX.)
	INCH	MM					
1	18"	457	0.33	1	230		20.700
2	18"	457	0.33	3	415		20.700
3	24"	610	0.50	1	230		22.800
4	24"	610	0.50	3	415	50	22.800
5	30"	800	0.75	1	230		25.500
6	30"	800	0.75	3	415		25.500



FLP PADESTAL FAN

SR. NO.	SIZE		H.P.	PHASE	VOLT	HZ	WEIGHTS IN KGS (APPX.)
	INCH	MM					
1	18"	457	0.33	1	230		32.000
2	18"	457	0.33	3	415		32.000
3	24"	610	0.50	1	230		34.100
4	24"	610	0.50	3	415	50	34.100
5	30"	800	0.75	1	230		36.800
6	30"	800	0.75	3	415		36.800



about us :

Sonal Industries. was established in 1996 in the city of Ahmedabad, Gujarat state, India.



SINCE 1996

Sonal Industries is a high-end brand professional and modern company of manufacture of Clutch Motor & Flameproof Wetherproof Electrical Equipment while continuously improving upon technology.

We are still looking forward for bringing new products in the millennium and are concentrating on research & development, producing, sales and after sales service as one system line.

sonal industries and its team of professionals always insist on the management philosophy, "Taking Technological innovation as the means, Taking Customer Satisfaction as the Goal"

sonal industries devoutly hopes you can join  and together we can create the splendid future.

Together, Let's make things done!

Clutch Motor Use in heavy duty stitching machine like HDPE woven sacks bags, jute bags, light duty and heavy duty bag stitching machines & also use Garments industries. The motor is especially designed with powerful performance for industrial sewing machines purpose.

Explosion protected equipments are meant for installation and use in these hazardous locations to ensure safety of plant, equipment and personnel and to ensure safety and reliability of operations in exposable as well as explosive atmospheres. Our products are already recognized In various industries such as petrochemicals, refinery, oil & Gas, oil Mines, pesticides, chemical, fertilizers, Bulk Drugs, Pharmaceuticals and Ordinance Factories.

Our flameproof product are already tested and certified by CENTRAL INSTITUTE OF MINING & FUEL RESEARCH, (CIMFR) DHANBAD.

-: Manufacturer by :-

SONAL
INDUSTRIES

MFG. OF CLUTCH MOTOR & FLP/WP ELECTRICAL EQUIPMENT
AHMEDABAD -26 (GUJARAT)