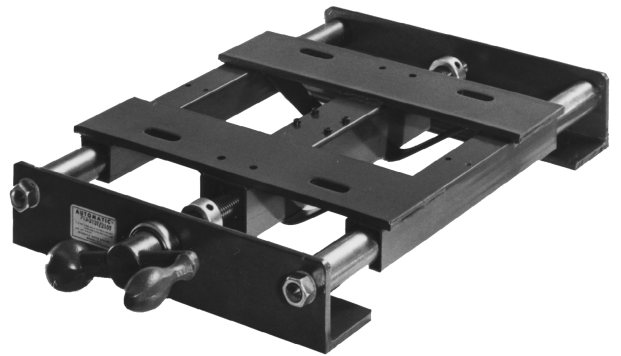
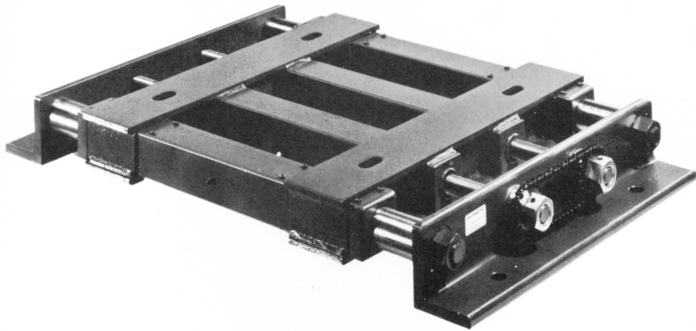




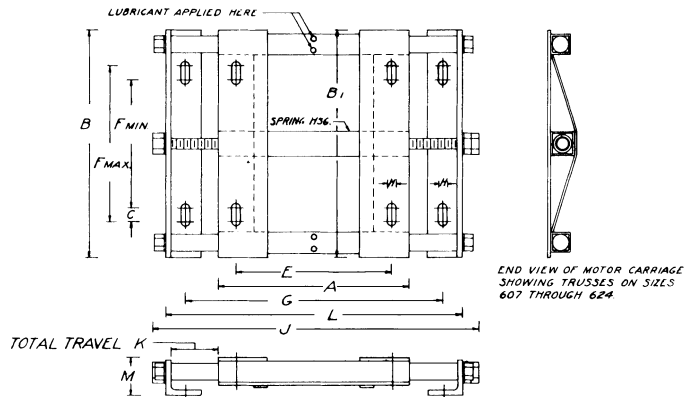
OVERLY HANTZ COMPANY

“AUTOMATIC”[®] BASES FOR 1/4 TO 500 H.P.





The 600 Series "Automatic"® Motor Base



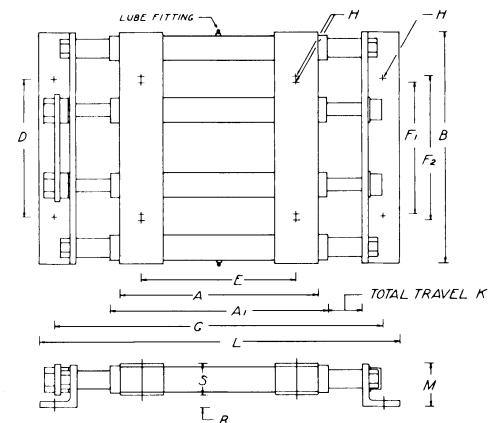
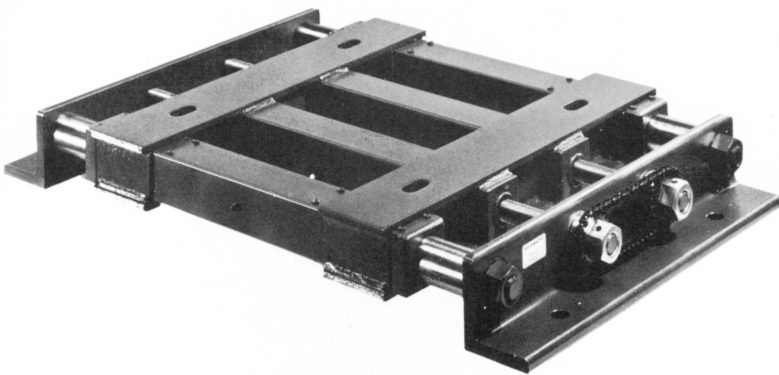
A VERTICAL BASE SHOULD BE SPECIFIED WHERE THE RAILS OF THE BASE ARE TO BE INCLINED AT AN ANGLE OF 30° OR MORE FROM THE HORIZONTAL, AND WHERE THE MOTOR SHAFT IS HIGHER THAN THE DRIVEN SHAFT.

BASE NO.		NEMA Frame Equivalent	Max. Motor Wt.	Min. Pulley Dia.	A	B	B ₁	C	E	F _{MIN}	F _{MAX}	G + 1/2"	H	J	K	L	M	WT.
Horizontal	Vertical																	
601	602	48-56	50	2	6 1/4	5 1/2	6 1/2	1/2	4 1/4	2 1/2	3 1/2	7	1 1/2	9 1/2	2 1/4	8 1/2	1 1/4	5
603	604	66	70	2	7 3/4	8 1/8	8 3/4	1/2	5 1/4	4 1/4	5 1/4	8 1/4	1 1/2	11 1/4	2 3/4	10 1/4	1 1/4	6
605	606	143-145	90	2	7	8 1/4	8 1/2	1/2	5 1/4	3 3/4	5 1/4	8 1/4	1 1/2	11 1/4	3	10 1/4	1 1/4	10
607	608	182-184	110	2 1/2	9	9 3/4	9 3/4	1/2	7 1/2	4 1/4	5 1/4	10 1/4	1 3/4	14 1/4	3	12 1/4	2 1/4	18
613	614	213-215	175	3	10 1/2	11 1/4	11 1/4	1/2	8 1/2	5 1/4	7 1/4	11 1/4	1 3/4	16 1/4	3 1/4	14 1/4	2 1/4	30
621	622	254-256	280	4	12 1/2	15 1/4	15 1/4	1	10	8 1/4	10 1/4	14 1/4	1 3/4	19 1/4	4	17 1/4	3 1/4	50
623	624	284-286	400	4 1/2	14	16 1/4	17 1/4	1	11	9 1/4	11 1/4	17 1/4	1 3/4	22 1/4	5	19 1/4	3 1/4	65

The 600 Series is for use with motors having a fixed diameter pulley. The 600 automatically compensates for variations in load, the expansion of belts due to centrifugal force and normally occurring belt stretch. This compensation is obtained by the unique combination of a one piece, freely movable, chatterless carriage acted upon by a spring contained within the carriage.

The DX-900 General Purpose "Automatic"® Motor Base

WHERE INSTALLATION CONDITIONS ARE SUBJECT TO VIBRATION OR SHOCKS THERE SHOULD BE SHOCK DASH-PAD MOUNTING OR OTHER VIBRATION REDUCERS OR DAMPERS. VIBRATION SEVERE AND SENSITIVE TYPES OF EQUIPMENT BASES SHOULD BE SPECIALLY DESIGNED.



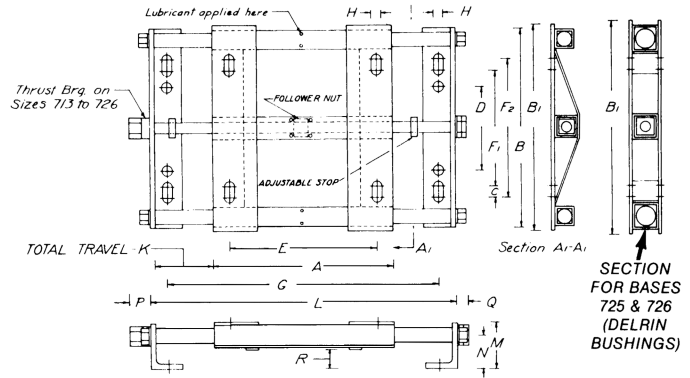
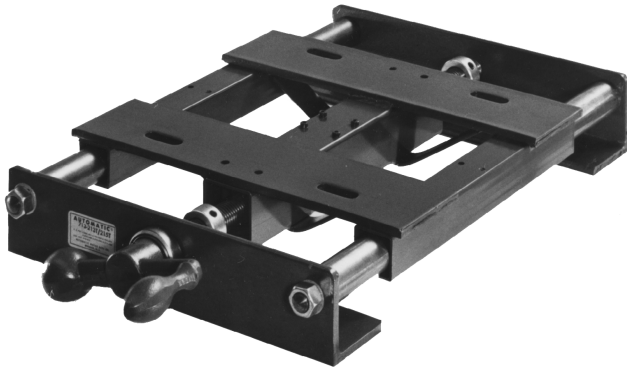
BASE NO.		NEMA Frame Equivalent	Capacity HP @ 1800 or Equivalent	Min. Pulley Dia.	A	A ₁	B	D	E	F ₁	F ₂	G	H	K	L	M	R	S	WT.
Horizontal	Vertical																		
DX-925	DX-926	324-326	50	7	16	18 1/4	19 1/4	11	12 1/2	10 1/2	12	26 1/2	1 1/4	5	29 1/4	4 1/4	1 1/4	2 1/4	140-160
DX-927	DX-928	364-365	75	9	18	20 1/4	20 1/4	12	14	11 1/2	12 1/2	29 1/2	1 1/4	5 1/4	32	4 1/4	1 1/4	2 1/4	165-175
DX-929	DX-930	404-405	100	11	20	22 1/2	22 1/2	13	16	12 1/2	13 1/2	32 1/2	1 1/4	6	34 1/4	4 1/4	1 1/4	2 1/4	215-245
DX-931	DX-932	444-445	150	11	22	24 1/4	24 1/4	15 1/4	18	14 1/2	16 1/2	35 1/2	1 1/4	7	37 1/4	4 1/4	1 1/4	3 1/4	250-275
DX-933	DX-934	447	200	11	22	24 1/4	27 1/4	20	18	20	20	35 1/2	1 1/4	7 1/4	37 1/4	4 1/4	1 1/4	3 1/4	335-370

BASES FOR MOTORS HAVING FRAMES LARGER THAN 447, AND FOR MOTORS UP TO 500 H.P., ARE BUILT TO ORDER.

The DX-900 Series is for use with motors having a fixed diameter pulley. The accompanying chart lists information on Horsepower rating and minimum pulley diameter for determining the correct base. The 900 Series can be depended upon to give excellent performance where pumps, compressors, fans, blowers and similar types of equipment are involved.



The 700 Series "Automatic"® Motor Base



The 700 Series is for use with motors equipped with spring loaded variable-pitch pulleys on which one or both flanges are movable and where the driven pulley is grooved or has a standard flat. Where one flange is movable, the driven pulley should have a wide flat – not crowned.

Use the 800 Series with pulleys with one flange movable with either a standard or grooved driven pulley.

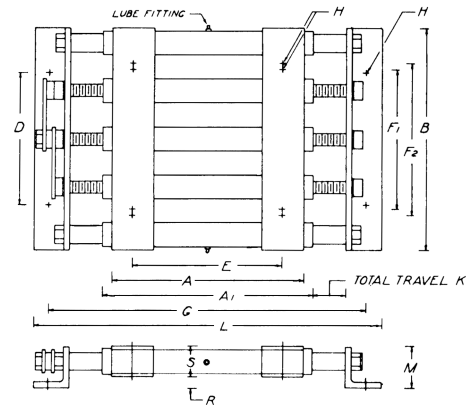
The 700/800 Series is designed to quickly and easily move the motor, during operation, to increase or decrease the center distance between pulleys.

BASE NO.		NEMA Frame Equivalent	Max. Motor Wt.	A	B	C	D	E	F ₁	F ₂	G ± 1/32	H	K	L	M	N	P	Q	R	
Horizontal	Vertical																			
701		56	50	6 1/8	5 3/8	5 3/8	1/2	4 1/4	2 1/2	3 1/2	9 1/4	1 1/32	4 1/2	10 1/2	1 1/8	3/8	1/8	1/8	1/8	
703		66	70	7 1/8	8 1/8	8 1/8	3/4	5 1/8	4 1/8	5 1/8	11	1 1/32	4 1/2	12 1/2	1 1/8	3/8	1/8	1/8	1/8	
705		143-145	90	7 3/8	8 3/8	8 3/8	3/4	5 1/8	3 3/8	5 1/8	10 1/8	1 1/32	5	12 1/2	1 1/8	3/8	1/8	1/8	1/8	
707		182-184	110	9	9 1/8	9 1/8	3/4	7 1/8	4 1/8	5 1/8	13 1/8	1 1/32	5 1/2	15 1/2	2 1/8	1 1/8	3/8	1/8	1/32	
713		213-215	175	10 1/2	11 1/2	11 1/2	3/4	8 1/2	5 1/2	7 1/2	14 1/2	1 1/32	6	17	2 1/8	1 1/8	1 1/8	1	1/8	
721		254-256	280	12 1/2	15 1/2	15 1/2	1	10	8 1/2	10 1/2	17 1/2	1 1/8	7	20 1/2	3 1/8	1 1/2	1 1/2	1 1/2	1/2	
723		284-286	400	14	16 1/2	17	1	11	9 1/2	11 1/2	20	1 1/8	8	22 1/2	3 1/2	1 3/4	1 1/2	1 1/2	1/32	
725																				
	726	324-326	600	18 1/2	18 1/2	19 1/2	1	11	12 1/2	10 1/2	23 1/2	1 1/8	7 1/2	27	5 1/2	3 1/4	1 1/2	1 1/2	2 1/2	

NOTES:

- (1) SIZE 725 HAS ONE ADJUSTING SCREW. SIZE 726 HAS TWO ADJUSTING SCREWS CONNECTED BY A CHAIN. ADJUSTING SCREWS ARE NORMALLY EQUIPPED WITH HEAVY HEX NUTS. CRANKS WILL BE PROVIDED ONLY WHEN REQUESTED, AND AT AN ADDITIONAL COST.
- (2) FOR INSTALLATIONS REQUIRING AUTOMATIC MOTION CONTROL, WHERE THE ADJUSTING SCREW IS ROTATED BY A MOTOR. SEE OUR BULLETIN FOR THE 1400-SERIES.
- (3) BASES FOR LARGER MOTORS ARE BUILT TO ORDER. BASES FOR MOTORS EQUIPPED WITH VARIABLE PITCH PULLEYS HAVING ONE MOVABLE FLANGE ARE DESCRIBED IN OUR BULLETIN FOR THE 800-SERIES.

The Series DD-110 Heavy Duty "Automatic"® Motor Base



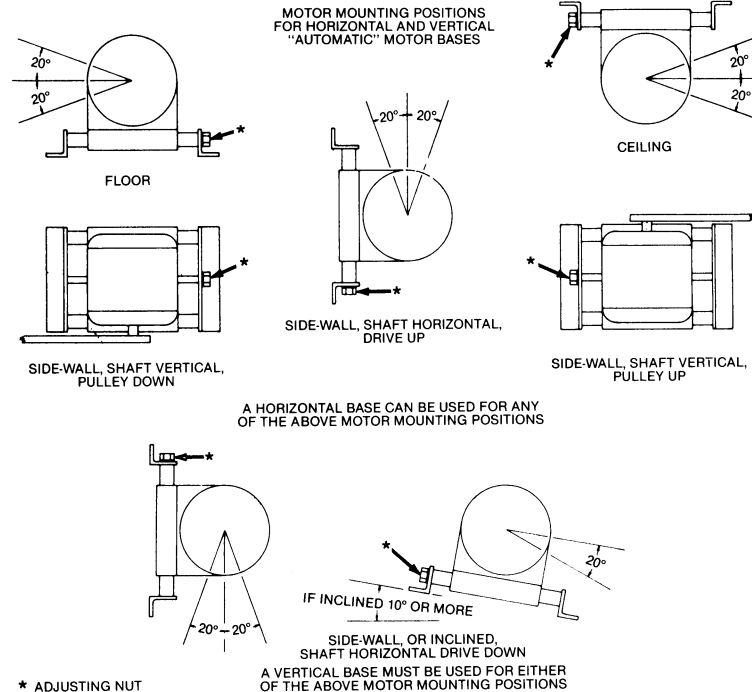
BASE NO.		NEMA Frame Equivalent	Capacity HP@1800 or Equivalent	Min. Pulley Dia.	A	A ₁	B	D	E	F ₁	F ₂	G	H	K	L	M	R	S	WT.
Horizontal	Vertical																		
DD1113																			60
	DD1114	213-215	10	4	10 1/2	13 1/2	6 1/8	8 1/2	5 1/2	7	21 1/2	1 1/32	5 1/2	24	3 1/4	3/4	2 1/2		70
DD1121																			75
	DD1122	254-256	20	4 1/2	12 1/2	15 1/2	9 1/8	10	8 1/2	10	24 1/2	1 1/8	6 1/2	27	3 3/8	3/4	2 1/2		80
DD1123																			90
	DD1124	284-286	30	5 1/2	14	16 1/2	10 1/4	11	9 1/2	11	26	1 1/8	7	28 1/2	3 1/4	1 1/8	2 1/4		100
DD1125																			155
	DD1126	324-326	50	7	16	18 1/2	11 1/2	12 1/2	10 1/2	12	28 1/2	1 1/8	6 1/2	31	4 1/4	1 1/2	2 1/4		175
DD1127																			185
	DD1128	364-365	75	9	18	20 1/2	12	14	11 1/2	12 1/2	30 1/2	1 1/8	6 1/2	33	4 1/4	1 1/2	2 1/4		195
DD1129																			245
	DD1130	404-405	100	10	20	22 1/2	13	16	12 1/2	13 1/2	33	1 1/8	7	35 1/2	4 1/4	1 1/8	3 1/4		270
DD1131																			320
	DD1132	444-445	150	11	22	24 1/2	15 1/2	18	14 1/2	16 1/2	35	1 1/8	7 1/2	37 1/2	4 1/4	1 1/8	3		360
DD1133																			450
	DD1134	447	200	11	22	24 1/2	20	18	14 1/2	16 1/2	20	35	1 1/8	7	37 1/2	4 1/4	1 1/8	3 1/4	480

BASES FOR MOTORS HAVING FRAMES LARGER THAN 447, AND FOR MOTORS UP TO 500 H.P., ARE BUILT TO ORDER.

The DD-100 Series is for use with motors having a fixed diameter pulley. This series should be specified where heavy shock loads or vibration is generated, such as Rock Crushers, Vibrating Feeders or Screens, Foundry Shake-outs and similar equipment. Motors as large as 500 HP have been successfully mounted on these bases.



Motor Mounting Positions



The Proper Application of an "Automatic"[®] Motor Base:

- Eliminate many sources of machine down time.
- Continuously maintains the rated speed of the driven equipment.
- Results in a substantial increase in belt life.
- Eliminates one of the main causes of bearing failures in motors.

We are sure that you will see the advantages of our "Automatic"[®] motor bases when you recognize that they:

- May be mounted in any position, floor, ceiling, or sidewall with the motor shaft vertical or horizontal.
- Will allow motor rotation to be **clockwise**

- or **counterclockwise** maintaining constant belt tension
- Are a must for areas that are not readily accessible.
- Adjustments to provide proper tension are made while the motor is operating under load.
- Can be used in "shock loaded" situations.
- Have a one piece carriage resulting in a non-binding smooth movement.
- Compact design – less space required than tilting or pivoting bases.
- Are low cost when considering the time saved by maintenance personnel, extended life of belts and bearings and greater uptime of the equipment on which they are used.

We pioneered the concept of fabricated motor bases and rails over 50 years ago. With the addition of our Adapt-O-Mounts (transition bases), Sugar Scoops and now the "Automatic"[®] Motor Base, we have the worlds most complete line of motor mounting products – and most of these are in stock.

We will quickly provide "specials" to your design or we will design to your specifications.



OVERLY HAUTZ COMPANY

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