



Westinghouse Electric Corporation
Medium Motor and Gearing Division
Buffalo, New York, U.S.A. 14240

Dimension Sheet
2986-4

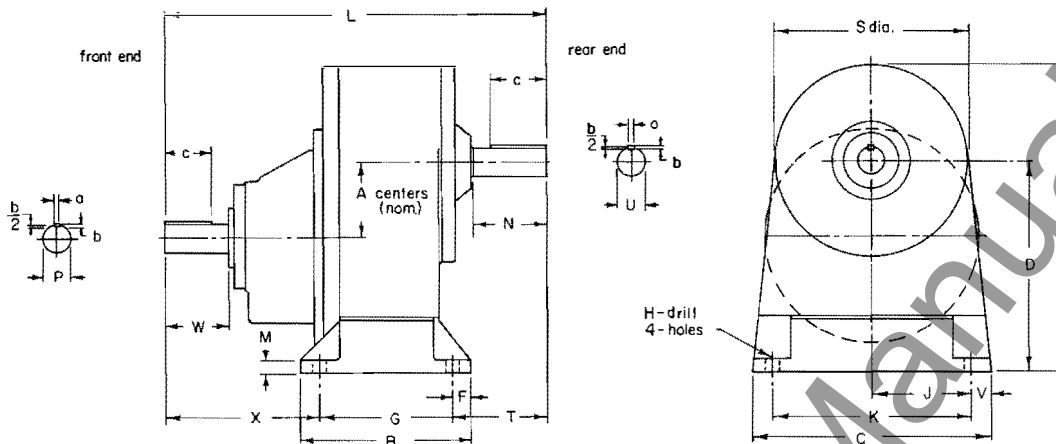
Page 1

February, 1978
Supersedes 2973-4 F WE A
Dimension Sheet
page 1, dated March, 1976
Mailed to: E, D, C/1779/DS

Concentric Shaft Type
Single Reduction
Unit Sizes 10 through 76

Moduline®
Speed Reducers

Concentric Shaft Type, Single Reduction, Unit Sizes 10 Through 76



Dimensions, Inches Not to be used for construction purposes unless dimensions are approved.

Unit Size	U②	Key			A	B	C	D③	E	F	G	H	J	K	L	M	N
		a	b	c													
10	1.125	.25	.25	2.25	3.0	7	9.75	8.50	12.50	.75	5.44	.56	4.06	8.12	15.69	.50	3.00
21	1.500	.38	.38	2.75	3.5	8	12.00	10.25	14.69	.75	6.50	.56	5.25	10.50	17.75	.88	3.50
32	2.125	.50	.50	3.25	4.0	9	15.00	12.19	19.19	.75	7.50	.69	6.69	13.38	20.75	.88	4.25
43	2.125	.50	.50	3.25	5.0	9	15.00	13.19	19.19	.75	7.50	.69	6.69	13.38	21.00	.88	4.25
54	2.375	.50	.50	3.75	6.0	12	19.88	17.00	26.50	.75	10.38	.69	9.19	18.38	24.12	1.00	5.00
76	2.375	.50	.50	3.75	7.5	12	19.88	18.50	26.50	.75	10.38	.69	9.19	18.38	24.12	1.00	5.00

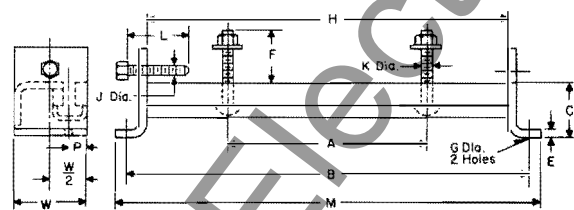
Unit Size	P②	Key			S	T	V	W	X
		a	b	c					
10	.88	.19	.19	1.75	8.00	3.66	.81	2.44	6.59
21	1.12	.25	.25	2.25	8.88	4.25	.75	2.94	7.00
32	1.38	.31	.31	2.50	13.00	5.06	.81	3.31	8.19
43	1.62	.38	.38	2.50	13.00	5.06	.81	3.56	8.44
54	1.62	.38	.38	2.75	16.00	5.88	.75	3.81	7.88
76	1.62	.38	.38	2.75	16.00	5.88	.75	3.81	7.88

② Tolerance = +.000 to -.001.
③ This dimension will never be exceeded. When exact dimension is required, shims up to .03 inch may be necessary.

Reproduced from Drawing 834-D-185, sub 3.

Moduline Slide Rails

Dimensions, Inches Not to be used for construction purposes unless dimensions are approved



④ Tolerance = +.000 to -.125.

Unit Size	A	B	C④	E	F	G	H	J	K	L	M	P	W	Total Adj.
10	8.25	15.25	2.00	.25	1.25	.50	13.25	.38	.38	4.00	16.25	.56	2.25	3.0
21	9.00	18.25	2.00	.38	1.75	.62	15.50	.50	.50	5.00	19.50	.62	2.62	3.5
32	11.00	22.00	2.50	.50	2.00	.75	18.50	.50	.62	5.00	23.50	.69	3.00	4.0
43	14.00	26.75	3.00	.50	2.00	.88	23.00	.75	.75	6.00	28.50	.88	3.25	5.0
54	16.00	30.75	4.00	.50	1.75	1.00	26.75	.75	.88	7.00	32.75	.94	4.38	6.0
64	16.00	30.75	4.00	.50	1.75	1.00	26.75	.75	.88	7.00	32.75	.94	4.38	6.0
76	18.50	37.50	4.00	.75	2.75	1.25	32.00	.88	1.00	9.50	40.00	1.25	4.75	8.0
88	22.00	45.25	4.50	.75	3.75	1.62	39.00	.88	1.50	10.00	48.50	1.50	5.25	9.0
92	22.00	45.25	4.50	.75	3.75	1.62	39.00	.88	1.50	10.00	48.50	1.50	5.25	9.0

PRELIMINARY ☐ CERTIFIED ☐ PRINT FOR:

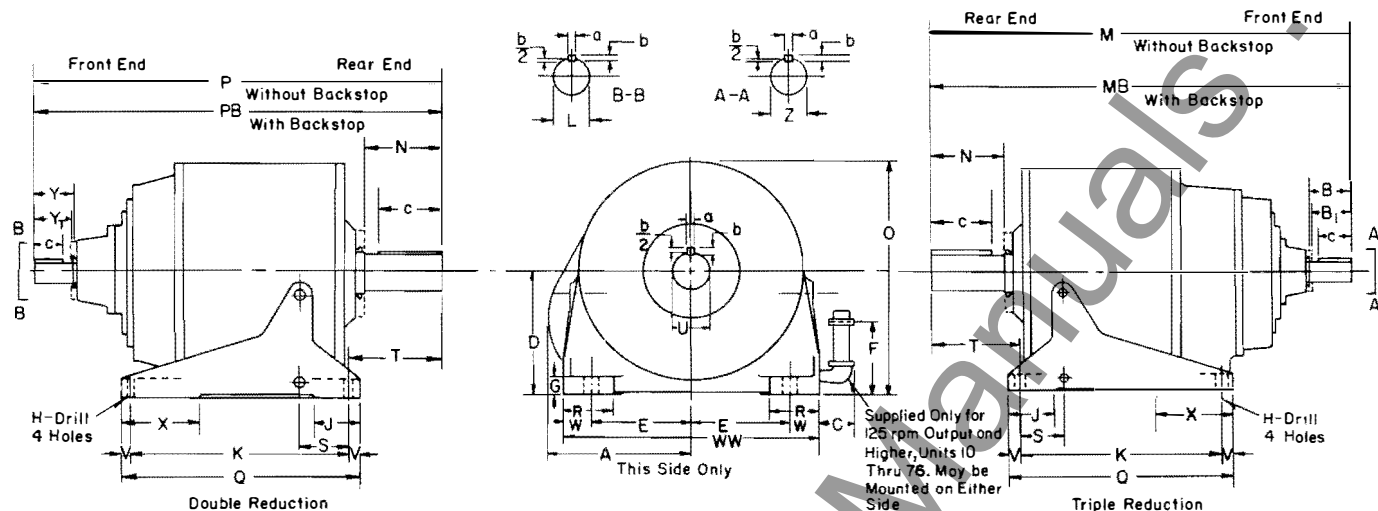
Customer		Customer Order		
G.O.		Cat. No.		Item No.
Motor Rpm	Output Rpm	Service Factor		Gear Ratio
Application		Signed		Date

Moduline® Speed Reducers

Concentric Shaft Type
Double and Triple Reduction
Unit Sizes 10 through 76

February, 1978
Supersedes 2973-4 F WE A
Dimension Sheet
page 2 dated March, 1976
Mailed to: E, D, C/1779/DS

Concentric Shaft Type, Double and Triple Reduction, Unit Sizes 10 Through 76



Dimensions, Inches Not to be used for construction purposes unless dimensions are approved
Dimensions Common to Double and Triple Reduction Units

Unit Size	U②	Key a	b	c	A	C	D③	E	F	G	H	J	K	N	O	Q	R	S	T	V	W	WW	X
10	1.375	.31	.31	2.00	5.2	1.7	5.69	4.12	3.4	.8	.438	2.8	9.00	2.6	10.1	10.5	1.6	2.7	3.4	.8	1.0	10.3	2.8
21	1.625	.38	.38	2.50	...	1.7	6.25	4.50	4.0	1.0	.562	3.5	9.75	3.4	11.7	11.1	2.3	2.8	4.3	.7	1.5	12.0	2.8
32	1.875	.50	.50	3.00	...	1.7	7.25	5.50	4.6	1.1	.688	4.0	13.50	3.8	13.9	15.0	2.8	3.2	4.8	.8	1.8	14.5	5.0
43	2.125	.50	.50	3.25	...	1.7	9.25	7.00	5.7	1.3	.812	4.8	15.00	4.4	16.6	17.0	3.3	3.5	5.3	1.0	2.0	18.0	6.5
54	2.625	.62	.62	4.00	...	1.7	10.75	8.00	6.7	1.3	.938	6.0	17.25	5.3	20.0	19.3	4.0	4.5	6.5	1.0	2.4	20.8	7.0
64	3.125	.75	.75	5.00	12.3	1.7	10.75	8.00	6.7	1.3	.938	...	17.25	6.3	20.0	19.3	4.0	3.6	7.8	1.0	2.4	20.8	...
76	3.625	.88	.88	6.00	13.4	2.2	12.00	9.25	7.8	1.8	1.062	4.8	20.00	7.3	22.8	22.8	4.8	4.4	8.9	1.4	2.8	24.0	7.4

Double Reduction Units

Unit Size	L②	Key a	b	c	Y	Y ₁	PB	P	Approx. Wt. Lbs.
10	.875	.19	.19	1.8	2.4	2.0	19.1	18.1	77
21	1.125	.25	.25	2.3	2.9	2.5	21.6	20.5	132
32	1.375	.31	.31	2.5	3.3	2.9	24.7	23.2	194
43	1.625	.38	.38	2.5	3.6	3.1	25.8	24.3	270
54	1.625	.38	.38	2.8	3.8	3.2	29.0	27.6	484
64	1.875④	.50④	.50④	1.8	2.5	2.5	30.4	29.4	550
76	2.125	.50	.50	3.3	4.6	3.9	35.9	34.2	767

Triple Reduction Units

Unit Size	Z②	Key a	b	c	B	B ₁	MB	M	Approx. Wt. Lbs.
10	.875	.19	.19	1.8	2.4	2.0	22.6	21.6	87
21	.875	.19	.19	1.8	2.4	2.0	23.8	22.8	130
32	.875	.19	.19	1.8	2.4	2.0	25.9	24.9	191
43	1.125	.25	.25	2.3	2.9	2.5	27.9	26.8	287
54	1.375	.31	.31	2.5	3.3	2.9	33.7	32.2	499
64	1.375	.31	.31	2.5	3.3	2.9	36.1	34.6	570
76	1.625	.38	.38	2.5	3.6	3.1	40.0	38.5	773

② Tolerance = +.000 to -.001.

③ This dimension will never be exceeded. When exact dimension is required, shims up to .03 inch may be necessary.

④ 1.625 diameter, .375 sq. key with backstop.

Note: When Taconite oil seal is required, use dimension Y₁ and B₁ and add .50 inch to dimensions M, MB, P, PB and T (All units except size 64).

Reproduced from Drawing 823-D-019, sub 7.

PRELIMINARY ☐ CERTIFIED ☐ PRINT FOR:

Customer		Customer Order	
G.O.	Cat. No.	Item No.	
Motor Rpm	Output Rpm	Service Factor	Service Hp
Application	Signed	Date	

Westinghouse Electric Corporation
Medium Motor and Gearing Division
Buffalo, New York, U.S.A. 14240



Westinghouse Electric Corporation
Medium Motor and Gearing Division
Buffalo, New York, U.S.A. 14240

Dimension Sheet
2986-4

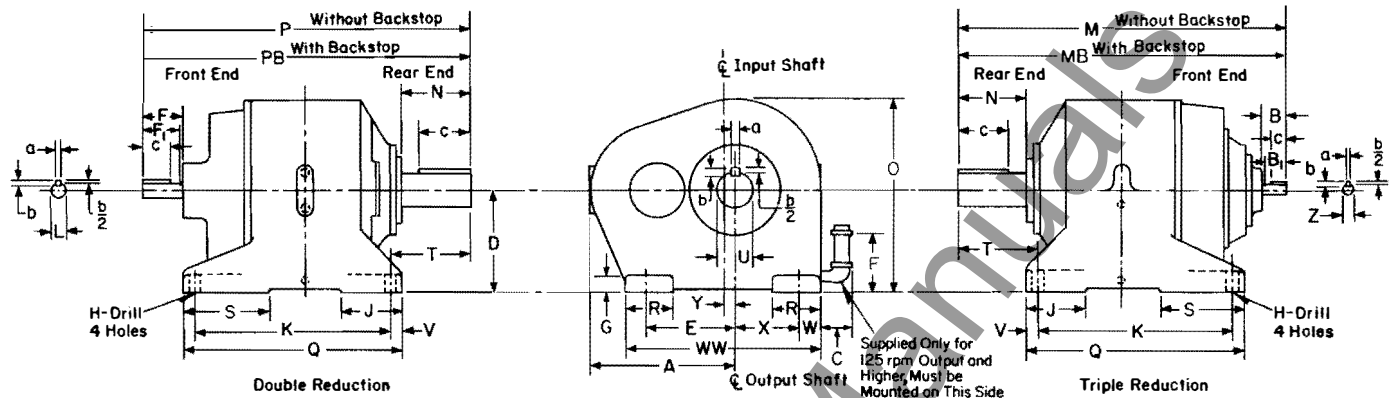
Page 3

February, 1978
Supersedes 2973-4 F WE A
Dimension Sheet
page 3 dated March, 1976
Mailed to: E, D, C/1779/DS

Concentric Shaft Type
Double and Triple Reduction
Unit Sizes 88 and 92

Moduline® Speed Reducers

Concentric Shaft Type, Double and Triple Reduction, Unit Sizes 88 and 92



Dimensions, Inches Not to be used for construction purposes unless dimensions are approved
Dimensions Common to Double and Triple Reduction Units

Unit Size	U ^②	Key			A	C	D ^③	E	F max.	G	H	J	J ₁	K	N	O	Q	R	T	V	W	WW	X	Y
		a	b	c																				
88	4.500	1.00	1.00	7.5	19.0	2.2	13.00	11.50	9.1	2.0	1.625	8.5	11.5	25.50	9.0	23.9	29.0	6.0	11.4	1.8	3.0	26.3	8.75	...
92	5.000	1.25	.88	7.5	20.6	2.2	14.50	12.62	10.2	2.3	1.875	9.0	12.5	28.00	9.0	27.5	31.5	7.0	11.4	1.8	3.0	28.0	9.38	1.62

Double Reduction Units

Unit Size	L ^②	Key			F	F ₁	PB	P	Approx. Wt. Lbs.
		a	b	c					
88	2.125	.50	.50	3.3	4.6	3.6	④	40.1	1227
92	2.125	.50	.50	3.3	4.6	4.1	④	43.5	1300

Triple Reduction Units

Unit Size	Z	Key			B	B ₁	MB	M	Approx. Wt. Lbs.
		a	b	c					
88	1.625	.38	.38	2.5	3.6	3.1	45.9	44.4	1236
92	1.625	.38	.38	2.5	3.8	3.2	47.6	46.2	1450

② Tolerance = +.000 to -.001.

③ This dimension will never be exceeded. When exact dimension is required, shims up to .03 inch may be necessary.

④ See outline drawing 4122-D-238.

Note: When Taconite oil seal is required, use dimension F₁ and B₁, and add .50 inch to dimensions M, MB, P, PB and T.

Reproduced from Drawing 842-D-238, sub 9.

PRELIMINARY ☐ CERTIFIED ☐ PRINT FOR:

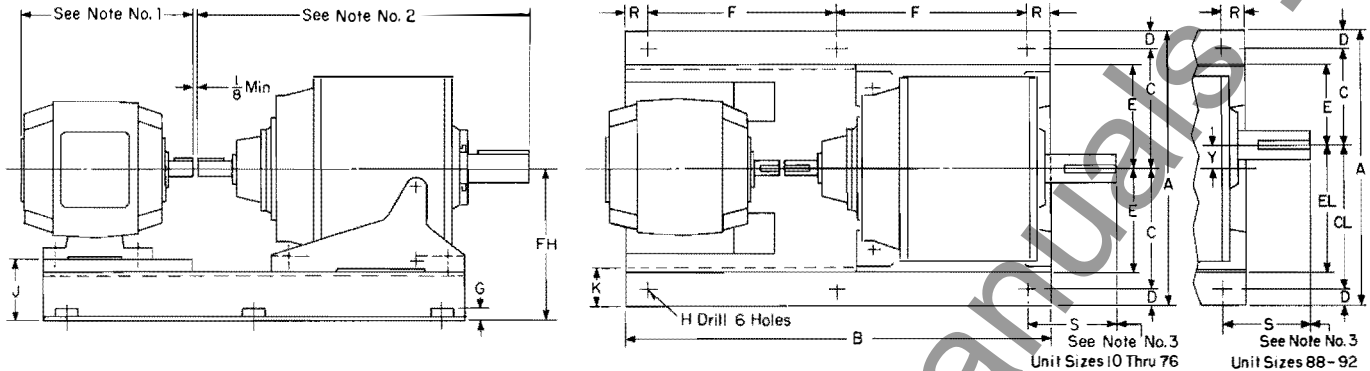
Customer		Customer Order		
G.O.		Cat. No.		Item No.
Motor Rpm	Output Rpm	Service Factor	Service Hp	Gear Ratio
Application		Signed		Date

Moduline® Speed Reducers

Bedplates
Double and Triple Reduction
Unit Sizes 10 and 92

February, 1978
Supersedes 2973-4 F WE A
Dimension Sheet
page 4 dated March, 1976
Mailed to: E, D, C/1779/DS

Bedplates, Double and Triple Reduction, Unit Sizes 10 Through 92 with Ac Motors



Dimensions, Inches Not to be used for construction purposes unless dimensions are approved
Dimensions Common to Double and Triple Reduction Units

Unit Size	A	B	C	CL	D	E	EL	F	FH ^⑤	G	H	K	R	S	Y	Approx Wt., Lbs.⑥
																Double Triple
10	14.00	30	6.25	....	.75	5.25	....	13.75	8.19	.25	.56	2.00	1.25	3.88	....	132
21	16.00	36	7.25	....	.75	6.25	....	16.75	8.75	.25	.56	2.00	1.25	4.81	....	194
32	19.50	36	8.75	....	1.00	7.25	....	16.75	10.25	.25	.81	2.75	1.25	5.25	....	312
43	23.00	42	10.50	....	1.00	9.00	....	19.75	14.75	.38	.81	2.88	1.25	5.56	....	444
54	25.75	48	11.88	....	1.00	10.38	....	22.50	16.25	.88	.94	2.88	1.50	7.00	....	699
64	25.75	48	11.88	....	1.00	10.38	....	22.50	16.25	.88	.94	2.88	1.50	8.25	....	765
76	30.75	60	14.00	....	1.38	12.00	....	27.00	17.50	1.50	1.38	3.88	3.00	10.56	....	1152
88	38.00	68	17.50	17.50	1.50	15.50	15.50	30.00	19.00	1.50	1.38	4.00	4.00	13.63	....	1480
92	38.00	68	15.88	19.13	1.50	13.88	17.13	30.00	20.50	1.50	1.38	4.00	4.00	13.63	1.63⑧	1550

Motor Frame	Approx. Wt., Lbs.		Double Reduction Units								Triple Reduction Units											
	Open and TENV	TEFC & Expl. Proof	10	21	32	43	54	64	76	88	92	21	32	43	54	64	76	88	92			
			J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J		
143T	40	55	4.69	5.25	6.75	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
145T	45	60	4.69	5.25	6.75	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
182T	55	85	3.69	4.25	5.75	...	...	...	...	...	...	4.25	5.75	10.25	11.75	11.75	13.00	...	...			
184T	65	100	3.69	4.25	5.75	...	...	...	...	...	...	4.25	5.75	10.25	11.75	11.75	13.00	...	...			
213T	85	140	2.94	3.50	5.00	9.50	...	...	...	...	...	3.50⑦	5.00	9.50	11.00	11.00	12.25	...	...			
215T	110	175	2.94	3.50	5.00	9.50	11.00	11.00	...	...	...	...	5.00	9.50	11.00	11.00	12.25	...	...			
254T	200	260	⑦	2.75	4.00	8.50	10.00	10.00	11.25	...	...	...	...	8.50⑦	10.00	10.00	11.25	...	...			
256T	240	320	⑦	2.75	4.00	8.50	10.00	10.00	11.25	...	...	...	...	...	10.00	10.00	11.25	...	...			
284T	300	360	⑦	⑦	3.25	7.75	9.25	9.25	10.50	...	...	...	...	...	9.25⑦	9.25⑦	10.50	...	...			
286T	370	450	⑦	⑦	3.25	7.75	9.25	9.25	10.50	...	...	...	...	...	9.25⑦	9.25⑦	10.50	...	...			
324T	475	550	...	⑦	⑦	6.75	8.25	8.25	9.50	11.00	12.50	...	...	...	...	...	9.50⑦	...	...			
326T	525	610	...	⑦	⑦	6.75	8.25	8.25	9.50	11.00	12.50	...	...	...	...	...	9.50⑦	...	...			
364T	630	835	...	...	⑦	5.88	7.25	7.25	8.50	10.00	11.50	...	...	...	...	...	8.50⑦	10.00	...			
365T	690	920	...	...	⑦	5.88	7.25	7.25	8.50	10.00	11.50	...	...	...	...	...	...	10.00	...			
404T	830	1145	...	...	⑦	⑦	6.25	6.25	7.50	...	10.50	...	...	...	...	...	...	9.00	10.50			
405T	915	1260	...	...	⑦	⑦	6.25	6.25	7.50	...	...	...	...	...	...	...	...	9.00	10.50			
444T	1050	1650	...	...	...	⑦	⑦	⑦	6.50	...	...	...	...	...	...	...	...	8.00	9.50			
445T	1250	1950	...	...	...	...	...	...	6.50	...	...	...	...	...	...	...	...	8.00	9.50			

Notes: No. 1 - See motor dimension sheet.
No. 2 - See speed reducer dimension sheet.
No. 3 - For standard seal for hazardous dust conditions, add .50 inch to "S" dimension.

● This dimension will never be exceeded. When exact dimension is required, shims up to .125 inch may be necessary.
⑥ Add motor weight for total weight.

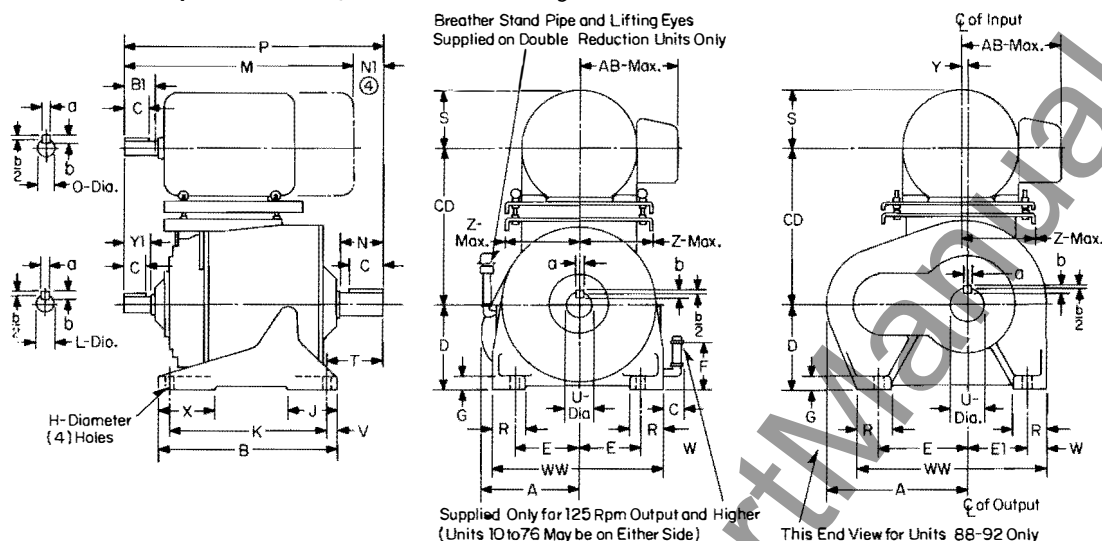
⑦ Combination can be supplied as non-standard. Refer to Westinghouse for outline dimensions and hp capacity.
⑧ Motor and input shaft offset.

February, 1978
Supersedes 2973-4 F WE A
Dimension Sheet
page 5 dated March, 1976
Mailed to: E. D. C/1779/DS

**Concentric Shaft Type With
Piggyback Mounted Motors
Double and Triple Reduction
Unit Sizes 10 through 54
Motor Frames 143T-326T**

Moduline® Speed Reducers

Concentric Shaft Type With Piggyback Mounted Motors Double and Triple Reduction, Unit Sizes 10 Through 54, Motor Frames 143T-326TS



Dimensions, Inches Not to be used for construction purposes unless dimensions are approved
Dimensions Common to Double and Triple Reduction Units

Unit Size	U②	Key			A	B	C	D③	E	F	G	H	J	K	N	R	T	V	W	WW	X	Z
		a b c																				
10	1.375	.31	.31	2.00	5.2	10.5	1.7	5.69	4.12	3.4	.8	.44	2.8	9.00	2.6	1.6	3.4	.8	1.0	10.3	2.8	6.06
21	1.625	.38	.38	2.50	..	11.1	1.7	6.25	4.50	4.0	1.0	.56	3.5	9.75	3.4	2.3	4.3	.7	1.5	12.0	2.8	7.50
32	1.875	.50	.50	3.00	..	15.0	1.7	7.25	5.50	4.6	1.1	.69	4.0	13.50	3.8	2.8	4.8	.8	1.8	14.5	5.0	8.69
43	2.125	.50	.50	3.25	..	17.0	1.7	9.25	7.00	5.7	1.2	.81	4.8	15.00	4.4	3.3	5.3	1.0	2.0	18.0	6.5	8.69
54	2.625	.62	.62	4.00	..	19.3	1.7	10.75	8.00	6.7	1.2	.94	6.0	17.25	5.3	4.0	6.5	1.0	2.4	20.8	7.0	9.12

Double Reduction Units

Unit Size	L ②	Key			YI	P	Approx. Wt. Lbs.
		a	b	c			
10	.875	.19	.19	1.75	2.44	18.06	80
21	1.125	.25	.25	2.25	2.94	20.50	140
32	1.375	.31	.31	2.50	3.31	23.19	202
43	1.625	.38	.38	2.50	3.56	24.25	278
54	1.625	.38	.38	2.75	3.81	27.62	490

Triple Reduction Units

Unit Size	L②	Key			Y1	P	Approx. Wt. Lbs.
		a	b	c			
21	.875	.19	.19	1.75	2.44	22.75	135
32	.875	.19	.19	1.75	2.44	24.94	196
43	1.125	.25	.25	2.25	2.94	26.81	293
54	1.375	.31	.31	2.50	3.31	32.19	505

Motor Dimensions

Motor Frame	O ②	Key			Bl		Drip-proof			TEFC, Expl. Proof				10		21		32		43		54	
		a	b	c			AB	S	M	Wt.	AB	S	M	Wt.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
143T	.875	.19	.19	1.38	2.12	5.7	3.3	12.7	40	6.4	3.3	13.0	70	12.5	10.0	14.4	11.4	15.4	12.1	.....	.....	.....	.....
145T	.875	.19	.19	1.38	2.12	5.7	3.3	12.7	45	6.4	3.3	13.0	75	12.5	10.0	14.4	11.4	15.4	12.1	.....	.....	.....	.....
182T	1.125	.25	.25	1.75	2.50	6.2	4.7	12.8	70	7.3	4.8	14.4	85	13.5	11.0	15.4	12.4	16.4	13.1	17.6	14.4	19.4	15.9
184T	1.125	.25	.25	1.75	2.50	6.2	4.7	13.8	80	7.3	4.8	15.4	100	13.5	11.0	15.4	12.4	16.4	13.1	17.6	14.4	19.4	15.9
213T	1.375	.31	.31	2.38	3.12	6.9	5.5	15.8	115	8.7	5.6	17.7	140	.....	.....	16.1	13.1	17.1	13.9	18.4	15.1	20.1	16.6
215T	1.375	.31	.31	2.38	3.12	6.9	5.5	17.3	140	8.7	5.6	19.2	175	.....	.....	16.1	13.1	17.1	13.9	18.4	15.1	20.1	16.6
254T	1.625	.38	.38	2.88	3.75	8.5	6.6	20.5	200	11.0	6.6	23.0	230	.....	.....	.....	.....	18.6	15.4	19.4	16.1	21.6	18.1
256T	1.625	.38	.38	2.88	3.75	8.5	6.6	22.3	240	11.0	6.6	24.8	290	.....	.....	.....	.....	18.6	15.4	19.4	16.1	21.6	18.1
284T	1.875	.50	.50	3.25	4.38	11.2	7.4	23.3	300	11.9	7.4	25.8	360	.....	.....	.....	.....	19.4	16.1	20.1	16.9	22.4	18.9
286T	1.875	.50	.50	3.25	4.38	11.2	7.4	24.8	370	11.9	7.4	27.3	450	.....	.....	.....	.....	.....	.....	20.1	16.9	22.4	18.9
324T	2.125	.50	.50	3.88	5.00	14.3	8.4	26.1	475	12.9	8.5	28.8	550	.....	.....	.....	.....	.....	.....	.....	.....	23.4	19.9
326TS	1.875	.50	.50	2.00	3.50	14.3	8.4	26.1	525	12.9	8.5	28.8	610	.....	.....	.....	.....	.....	.....	.....	.....	23.4	19.9

CD Dimensions

② Tolerance = $\pm .000$ to $-.001$.

③ This dimension will never be exceeded. When exact dimension is required, shims up to .03 inch may be necessary.

④ NI or (P-M) dimension should be checked by customer to be sure that the motor length "M" does not interfere with driven equipment, belt, chain, etc. mounted on output shaft of gear unit.

Reproduced from Drawing 5642-D-52, sub 6.

PRELIMINARY ☐

CERTIFIED ☐

PRINT FOR:

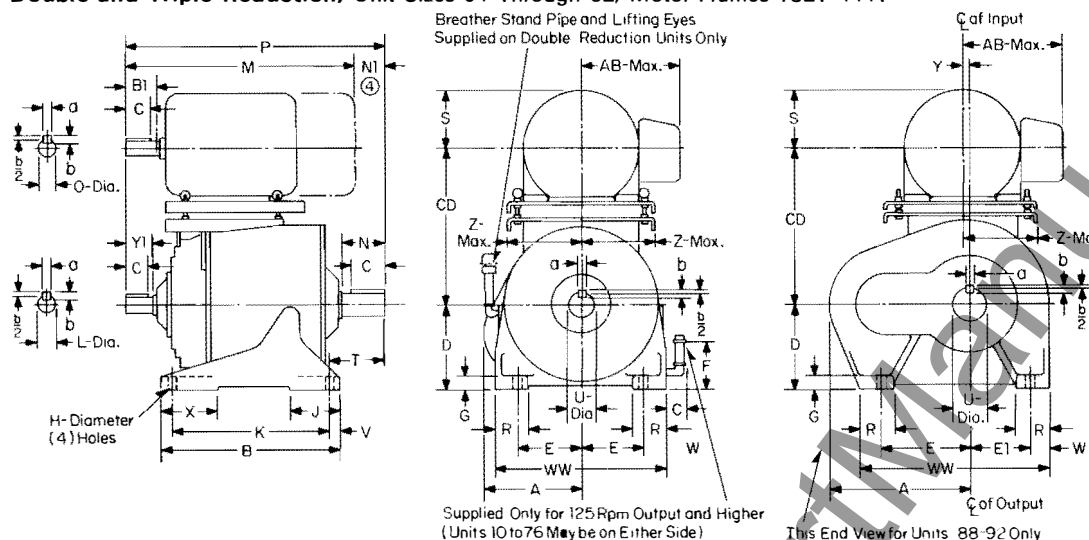
Customer			Customer Order		
G.O.		Cat. No.		Item No.	
Motor Rpm	Output Rpm	Service Factor	Service Hp	Gear Ratio	
Application		Signed			Date

Moduline® Speed Reducers

Concentric Shaft Type With
Piggyback Mounted Motors
Double and Triple Reduction
Unit Sizes 64 through 92
Motor Frames 182T-444T

February, 1978
Supersedes 2973-4 FWE A
Dimension Sheet
page 6 dated March, 1976
Mailed to: E, D, C/1779/DS

Concentric Shaft Type With Piggyback Mounted Motors Double and Triple Reduction, Unit Sizes 64 Through 92, Motor Frames 182T-444T



Dimensions, Inches Not to be used for construction purposes unless dimensions are approved
Dimensions Common to Double and Triple Reduction Units

Unit Size	U②	Key			A	B	C	D③	E	E1	F	G	H	J	K	N	R	T	V	W	WW	X	Y	Z
		a	b	c																				
64	3.125	.75	.75	5.0	12.3	19.3	2.2	10.75	8.00	...	6.7	1.2	.94	...	17.25	6.2	4.0	7.7	1.0	2.4	20.8	...	...	10.25
76	3.625	.88	.88	6.0	13.4	22.8	...	12.00	9.25	...	7.8	1.8	1.06	4.8	20.00	7.3	4.8	8.9	1.4	2.8	24.0	7.4	...	10.25
88	4.500	1.00	1.00	7.5	19.0	29.0	...	13.00	11.50	8.75	...	2.0	1.62	8.5	25.50	9.0	6.0	11.4	1.8	3.0	26.3	11.5	...	11.76
92	5.000	1.25	.88	7.5	20.6	31.5	...	14.50	12.63	9.38	...	2.3	1.88	9.0	28.00	9.0	7.0	11.4	1.8	3.0	28.0	12.5	1.63	12.88

Double Reduction Units

Unit Size	L②	Key			YI	P	Approx. Wt. Lbs.
		a	b	c			
64	1.875	.50	.50	1.75	2.50	29.40	560
76	2.125	.50	.50	3.25	4.56	34.19	770
88	2.125	.50	.50	3.25	4.56	40.12	1230
92	2.125	.50	.50	3.25	4.56	43.50	1310

Triple Reduction Units

Unit Size	L②	Key			YI	P	Approx. Wt. Lbs.
		a	b	c			
64	1.375	.31	.31	2.50	3.31	34.62	580
76	1.625	.38	.38	2.50	3.56	38.50	783
88	1.625	.38	.38	2.50	3.56	44.44	1246
92	1.625	.38	.38	2.50	3.81	46.19	1460

Motor Dimensions

Motor Frame	O ③	Key			BI	Drip-proof			TEFC, Expl. Proof				64		76		88		92	
		a	b	c		AB	S	M	Wt.	AB	S	M	Wt.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
182T	1.125	.25	.25	1.75	2.50	6.2	4.7	12.8	70	7.3	4.8	14.4	85	19.4	15.9	.....	.....	.....	.....	.....
184T	1.125	.25	.25	1.75	2.50	6.2	4.7	13.8	80	7.3	4.8	15.4	100	19.4	15.9	.....	.....	.....	.....	.....
213T	1.375	.31	.31	2.38	3.12	6.9	5.5	15.8	115	8.7	5.6	17.7	140	20.1	16.6	.....	.....	.....	.....	.....
215T	1.375	.31	.31	2.38	3.12	6.9	5.5	17.3	140	8.7	5.6	19.2	175	20.1	16.6	.....	.....	.....	.....	.....
254T	1.625	.38	.38	2.88	3.75	8.5	6.6	20.5	200	11.0	6.6	23.0	230	21.6	18.1	24.9	20.9	25.4	19.2	.....
256T	1.625	.38	.38	2.88	3.75	8.5	6.6	22.3	240	11.0	6.6	24.8	290	21.6	18.1	24.9	20.9	25.4	19.2	.....
284T	1.875	.50	.50	3.25	4.38	11.2	7.4	23.3	300	11.9	7.4	25.8	360	22.4	18.9	25.6	21.6	26.1	21.9	27.9
286T	1.875	.50	.50	3.25	4.38	11.2	7.4	24.8	370	11.9	7.4	27.3	450	22.4	18.9	25.6	21.6	26.1	21.9	27.9
324T	2.125	.50	.50	3.88	5.00	14.3	8.4	26.1	475	12.9	8.5	28.8	550	23.4	19.9	26.6	22.6	27.1	22.9	28.9
326TS	1.875	.50	.50	2.00	3.50	14.3	8.4	26.1	525	12.9	8.5	28.8	610	23.4	19.9	26.6	22.6	27.1	22.9	28.9
364TS	1.875	.50	.50	2.00	3.50	15.6	9.3	26.6	630	16.1	9.6	30.5	835	24.4	20.9	27.6	23.6	28.1	23.9	29.9
365TS	1.875	.50	.50	2.00	3.50	15.6	9.3	27.6	690	16.1	9.6	31.5	920	.....	.....	27.6	23.6	28.1	23.9	29.9
404TS	2.125	.50	.50	2.75	4.00	16.8	10.6	29.6	830	17.2	10.8	33.6	1145	.....	.....	.....	.....	29.1	24.9	30.9
405TS	2.125	.50	.50	2.75	4.00	16.8	10.6	31.1	915	17.2	10.8	35.1	1260	.....	.....	.....	.....	29.1	24.9	30.9
444TS	2.375	.62	.62	3.00	4.50	19.3	11.8	34.1	1050	18.8	12.1	38.4	1650	.....	.....	.....	.....	.....	.....	31.9

② Tolerance = +.000 to -.001.

③ This dimension will never be exceeded. When exact dimension is required, shims up to .03 inch may be necessary.

④ NI or (P-M) dimension should be checked by customer to be sure that the motor length "M" does not interfere with driven equipment, belt, chain, etc. mounted on output shaft of gear unit.

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PRELIMINARY ☐ CERTIFIED ☐ PRINT FOR:

Customer		Customer Order		
G.O.		Item No.		
Motor Rpm	Output Rpm	Service Factor	Service Hp	Gear Ratio
Application		Signed		Date

Westinghouse Electric Corporation
Medium Motor and Gearing Division
Buffalo, New York, U.S.A. 14240