

Dry Hydraulic Pump Motors

Electrical Characteristics 80 Starts/Hour

- Class F Insulation
- Class B Temp Rise (40 deg. C Amb.)
- 80 Starts/Hour
- 1800 SRPM
- Ball Bearing Design
- Enclosure: ODP
- Foot Mounted
- Motors are suitable for Wye-Delta starting if reduced starting current is desired
- Conforms to UL and CSA standards

HP	VOLTS	FRAME	RPM	FULL LOAD AMPS	LOCKED ROTOR AMPS *	POWER FACTOR	EFFICIENCY	NEMA CODE
20	200	254T	1760	60	261	79.0	.91	E
	230/460			52/26	224/112			
	575			21	87			
25	200	256T	1755	73	331	82.0	.90	E
	230/460			63/32	290/145			
	575			26	113			
30	200	284T	1760	83	419	86.0	.91	E
	230/460			72/36	351/175			
	575			29	140			
40	200	286T	1760	109	495	86.0	.92	E
	230/460			94/47	424/212			
	575			38	170			
50	200	324T	1765	133	667	88.0	.92	E
	230/460			116/58	562/281			
	575			46	232			
60	200	326T	1765	160	833	88.0	.92	E
	230/460			140/70	724/362			
	575			57	290			
75	230/460	364T	1765	174/87	800/400	87.0	.92	E
	575			69	311			
100	230/460	365T	1765	230/115	1004/502	88.0	.93	D
	575			92	421			
125	230/460	404T	1765	288/144	1330/665	87.0	.94	E
	575			116	579			

* FOR STARTING AMPS IN WYE CONNECTION DIVIDE THESE VALUES BY 3.

Data given for information, subject to change without notice.



Electro-Mech. Industries
2420 Hamilton Rd., Arlington Heights, IL 60005
Phone (847) 593-4900 Fax (847) 593-1394

SPEC.: 3400-B
DATE: JUNE 99

MANUFACTURED BY:



Dry Hydraulic Pump Motors

Electrical Characteristics 120 Starts/Hour

- Class F Insulation
- Class B Temp Rise (40 deg. C Amb.)
- 1800 SRPM
- Ball Bearing Design
- Enclosure: ODP
- Foot Mounted
- Motors are suitable for Wye-Delta starting if reduced starting current is desired
- Conforms to NEMA, UL and CSA Standards

HP	VOLTS	FRAME	RPM	FULL LOAD AMPS	LOCKED ROTOR AMPS*	POWER FACTOR	EFF.	NEMA CODE
20	200	256T	1770	58	331	82.0	.91	G
	230/460			50/25	290/145			
	575			21	113			
25	200	284T	1775	70	419	84.0	.90	G
	230/460			60/30	351/175			
	575			25	140			
30	200	286T	1775	81	495	86.0	.91	G
	230/460			71/35	424/212			
	575			29	170			
40	200	324T	1780	106	667	87.0	.92	G
	230/460			91/46	562/281			
	575			37	232			
50	200	326T	1780	131	833	88.0	.92	G
	230/460			114/57	724/362			
	575			46	290			
60	230/460	364T	1785	138/69	800/400	86.0	.93	F
	575			55	311			
75	230/460	365T	1785	172/86	1004/502	86.0	.94	F
	575			70	421			
100	230/460	404T	1785	226/113	1330/665	87.0	.94	F
	575			90	579			

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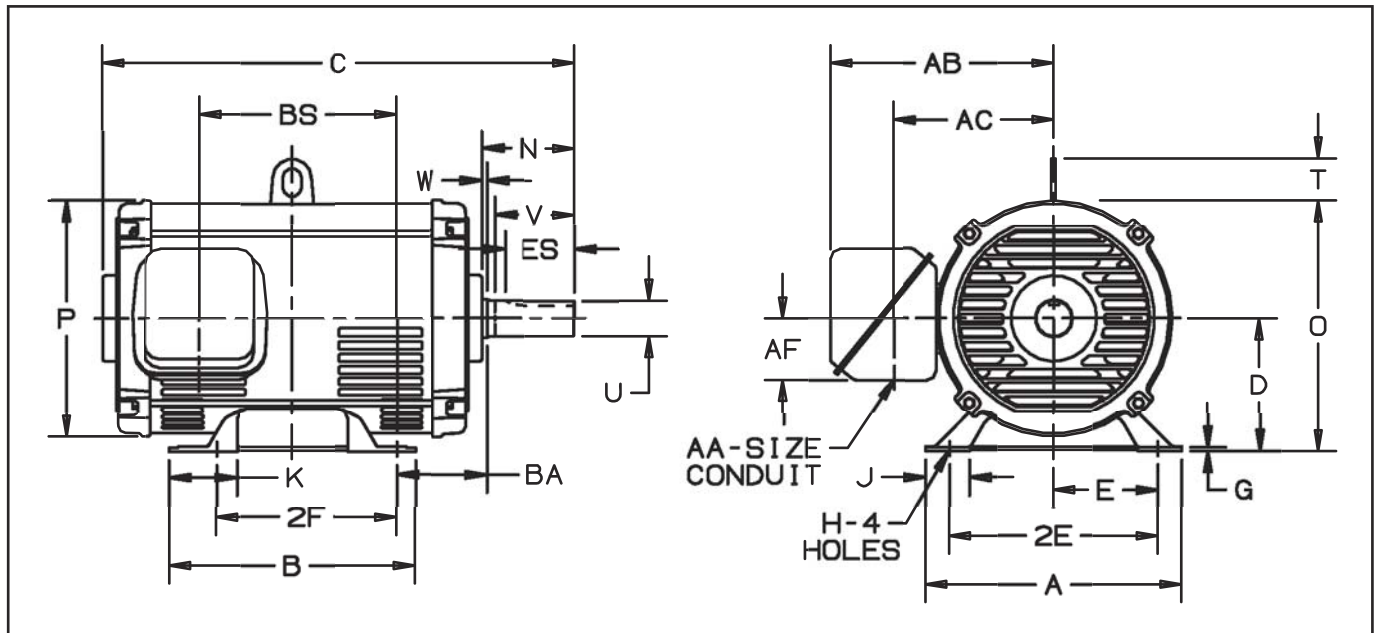
SPEC.: 3401-A
DATE: JUNE 99

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Dry Hydraulic Pump Motors

Motor Dimensions 254T-326T



FRAME	MOTOR											
	A	B	C	D	E	2F	G	H	J	O	T	P
254T	11.25	11.75	23.2	6.25	5	8.25	0.19	0.53	1.38	11.75	2.06	11.1
256T						10						
284T	13.5	12.94	24.88	7	5.5	9.5	0.19	0.53	2.31	13.19	2.22	12.44
286T						11						
324T	15	14	27.5	8	6.25	10.5	0.25	0.69	2.31	15.13	2.19	14.19
326T						12						

FRAME	MOTOR						SHAFT					
	AB	AC	AF	BA	BS	AA	N	KEY	U	V	W	ES
254T	9.75	7.44	1.81	4.25	9.19	1.25	4.44	0.38	1.625	3.75	0.44	2.91
256T												
284T	11.75	8.44	3.25	4.75	10.38	2	4.88	0.5	1.875	4.38	0.25	3.63
286T												
324T	12.69	9.31	3.25	5.25	11.5	2	5.75	0.5	2.125	5	0.5	3.91
326T												

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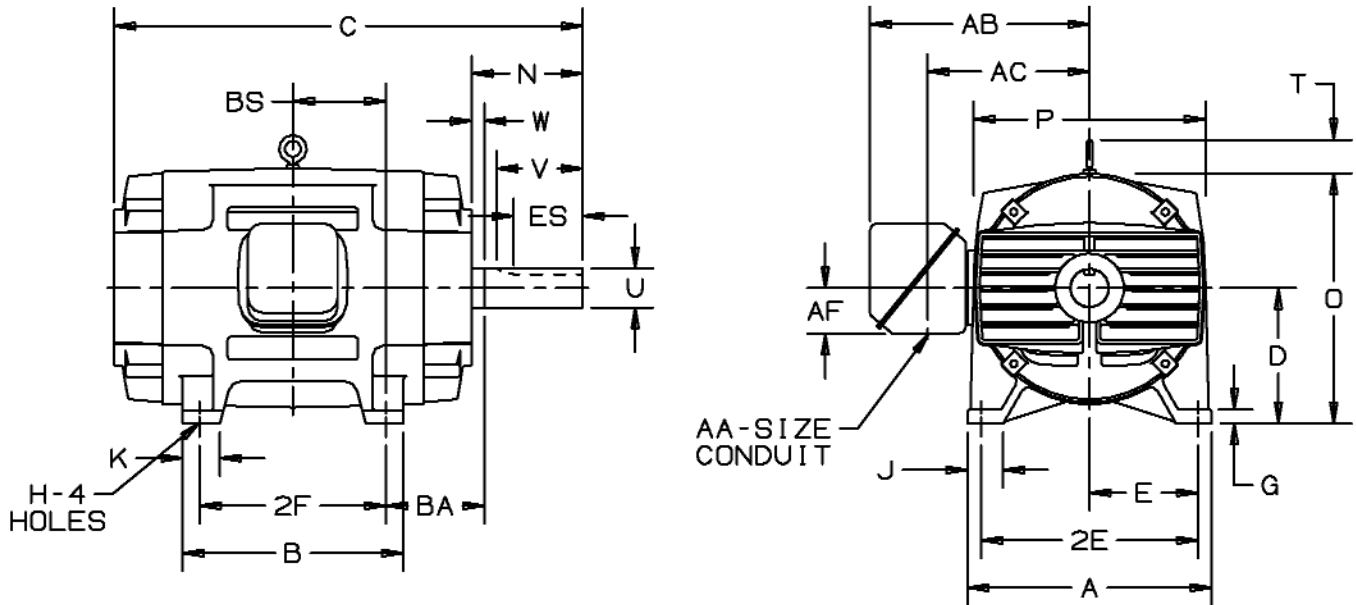
SPEC.: 3420-B
 DATE: June 99

MANUFACTURED BY:



Dry Hydraulic Pump Motors

Motor Dimensions 364T-404T



FRAME	MOTOR											
	A	B	C	D	E	2F	G	H	J	O	T	P
364T	17.63	13.75	28.69	9	7	11.25	1	0.66	3.44	17.75	2.47	17.63
365T	17.63	14.75	29.69	9	7	12.25	1	0.66	3.44	17.75	2.47	17.63
404T	18	14.75	32.56	10	8	12.25	1	0.81	2.63	18.81	2.47	17.63

FRAME	MOTOR						SHAFT					
	AB	AC	AF	BA	BS	AA	N	KEY	U	V	W	ES
364T	16.19	11.94	3.38	5.88	5.63	3	6.13	0.63	2.375	5.63	0.25	4.31
365T	16.19	11.94	3.38	5.88	6.13	3	6.13	0.63	2.375	5.63	0.25	4.31
404T	16.19	11.94	3.38	6.63	6.13	3	7.5	0.75	2.875	7	0.25	5.75

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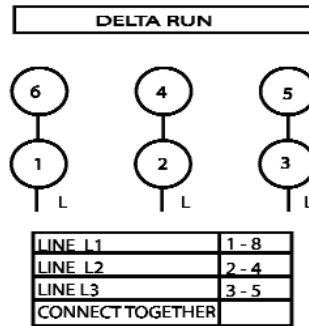
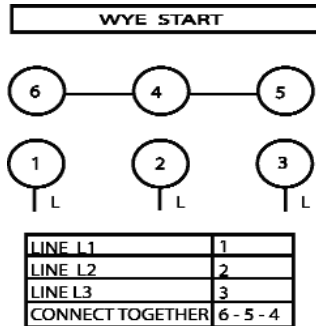
SPEC.: 3421-B
DATE: June 99

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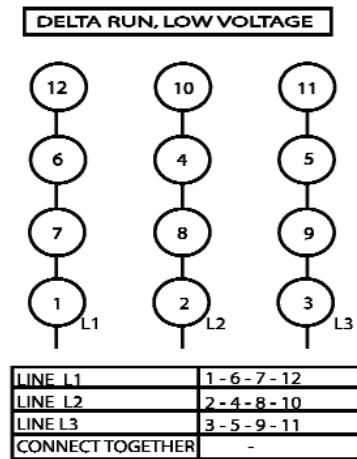
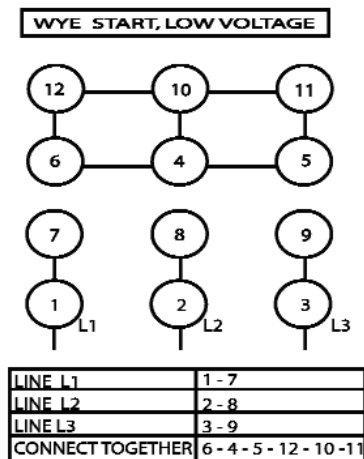
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CONNECTION DIAGRAM 6-LEAD

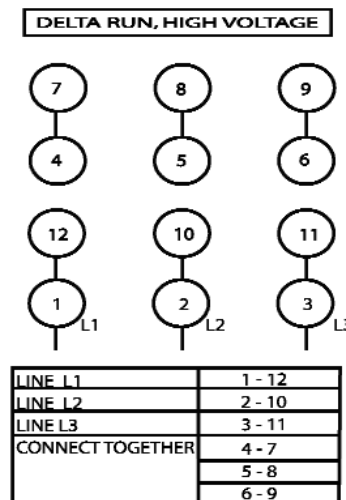
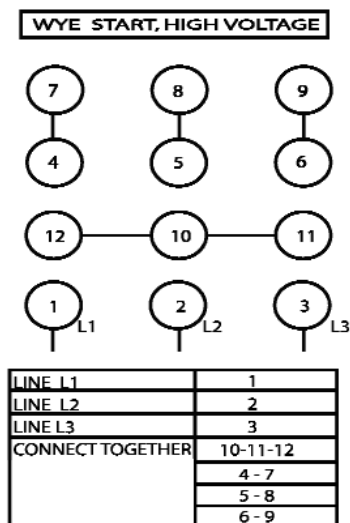


CONNECTION DIAGRAM 12-LEAD

A - LOW VOLTAGE



B - HIGH VOLTAGE



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SPEC.: 3410-A
DATE: MAY 99

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