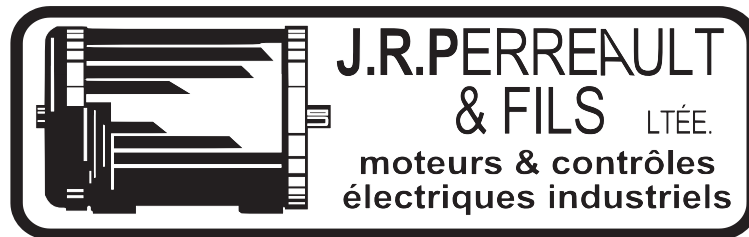


HELICAL IN LINE GEAR REDUCERS



TELEPHONE: 1-800-463-0400

www.jrperreault.com



LIST PRICE

SIZE	SEW	NORD		SHAFT DIA.	PRIX
A90S	R37			1.000	1 022.00 \$
A115S	R47			1.250	1 246.00 \$
A140S	R77			1.625	1 933.00 \$
A180S	R87			2.125	2 845.00 \$
A225S	R97			2.375	4 943.00 \$
A250S	R107			2.875	6 775.00 \$
A315S	R137			3.625	13 128.00 \$



SELECTION CHART

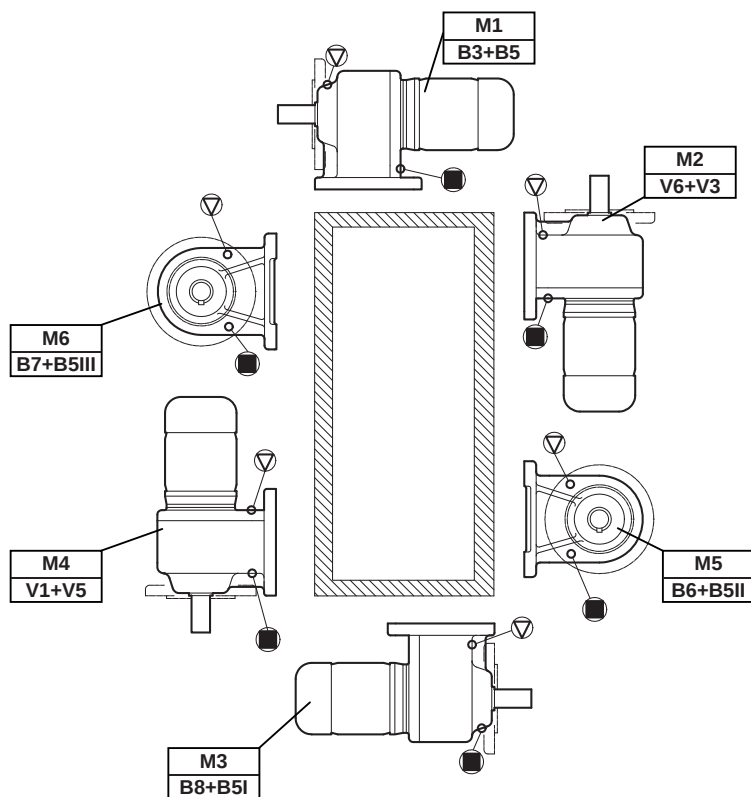
RATIO	RPM IN	RPM OUT		A90S2	A115S2	A140S2	A180S2	A225S2	A250S2	A315S2
5	1750	350	MAX. INPUT HP	5.00	15.00	30.00	60.00	100.00	150.00	200.00
			MAX. TORQUE	1250	2880	5840	10900	19500	31000	63700
			OUTPUT TORQUE	900	2700	5400	10800	18000	27000	36000
			SERVICE FACTOR	1.39	1.07	1.08	1.01	1.08	1.15	1.77
			OVERHUNG LOAD	179	179	276	760	857	959	1235
10	1750	175	MAX. INPUT HP	3.00	7.50	15.00	30.00	50.00	75.00	150.00
			MAX. TORQUE	1250	2880	5840	10900	19500	31000	63700
			OUTPUT TORQUE	1080	2700	5400	10800	18000	27000	54000
			SERVICE FACTOR	1.16	1.07	1.08	1.01	1.08	1.15	1.18
			OVERHUNG LOAD	224	230	342	954	1010	1173	1485
15	1750	116.7	MAX. INPUT HP	2.00	5.00	10.00	20.00	30.00	50.00	100.00
			MAX. TORQUE	1250	2880	5840	10900	19500	31000	63700
			OUTPUT TORQUE	1080	2700	5400	10800	16200	27000	54000
			SERVICE FACTOR	1.16	1.07	1.08	1.01	1.20	1.15	1.18
			OVERHUNG LOAD	255	255	398	1122	1270	1398	1765

TORQUE: IN/LB
O.H.L.: Kg.

SELECTION CHART

RATIO	RPM IN	RPM OUT		A90S3	A115S3	A140S3	A180S3	A225S3	A250S3	A315S3
			MAX. INPUT HP	2.00	3.00	10.00	15.00	30.00	50.00	100.00
20	1750	87.5	MAX. TORQUE	1500	3420	7260	13700	26500	38000	79000
			OUTPUT TORQUE	1440	2160	7200	10800	21600	36000	72000
			SERVICE FACTOR	1.04	1.58	1.01	1.27	1.23	1.06	1.10
			OVERHUNG LOAD	224	270	413	1173	1301	1592	2031
			MAX. INPUT HP	1.00	3.00	5.00	10.00	20.00	30.00	60.00
30	1750	58.3	MAX. TORQUE	1500	3420	7260	13700	26500	38000	79000
			OUTPUT TORQUE	1080	3240	5400	10800	21600	32400	64800
			SERVICE FACTOR	1.39	1.06	1.34	1.27	1.23	1.17	1.22
			OVERHUNG LOAD	321	321	500	1352	1301	1592	2031
			MAX. INPUT HP	1.00	2.00	5.00	7.50	15.00	25.00	50.00
40	1750	43.8	MAX. TORQUE	1500	3420	7260	13700	26500	38000	79000
			OUTPUT TORQUE	1440	2880	7200	10800	21600	36000	72000
			SERVICE FACTOR	1.04	1.19	1.01	1.27	1.23	1.06	1.10
			OVERHUNG LOAD	352	352	541	1500	1556	1796	2281
			MAX. INPUT HP	0.75	1.50	3.00	7.50	10.00	20.00	40.00
50	1750	35.0	MAX. TORQUE	1500	3420	7260	13700	26500	38000	79000
			OUTPUT TORQUE	1350	2700	5400	13500	18000	36000	72000
			SERVICE FACTOR	1.11	1.27	1.34	1.01	1.47	1.06	1.10
			OVERHUNG LOAD	383	383	592	1694	1724	2010	2520
			MAX. INPUT HP	0.50	1.50	3.00	5.00	10.00	15.00	30.00
60	1750	29.2	MAX. TORQUE	1500	3420	7260	13700	26500	38000	79000
			OUTPUT TORQUE	1080	3240	6480	10800	21600	32400	64800
			SERVICE FACTOR	1.39	1.06	1.12	1.27	1.23	1.17	1.22
			OVERHUNG LOAD	413	413	663	1740	1985	2179	2878
			MAX. INPUT HP	0.50	1.00	2.00	5.00	10.00	15.00	30.00
70	1750	25.0	MAX. TORQUE	1500	3420	7260	13700	26500	38000	79000
			OUTPUT TORQUE	1260	2520	5040	12600	25200	37800	75600
			SERVICE FACTOR	1.19	1.36	1.44	1.09	1.05	1.01	1.04
			OVERHUNG LOAD	439	439	694	1832	2056	2306	3036
			MAX. INPUT HP	0.50	1.00	2.00	3.00	7.50	10.00	25.00
80	1750	21.9	MAX. TORQUE	1500	3420	7260	13700	26500	38000	79000
			OUTPUT TORQUE	1440	2880	5760	8640	21600	28800	72000
			SERVICE FACTOR	1.04	1.19	1.26	1.59	1.23	1.32	1.10
			OVERHUNG LOAD	450	459	735	1939	2245	2413	3092
			MAX. INPUT HP	0.33	1.00	2.00	3.00	7.50	10.00	20.00
90	1750	19.4	MAX. TORQUE	1500	3420	7260	13700	26500	38000	79000
			OUTPUT TORQUE	1069	3240	6480	9720	24300	32400	64800
			SERVICE FACTOR	1.40	1.06	1.12	1.41	1.09	1.17	1.22
			OVERHUNG LOAD	450	459	786	1939	2296	2444	3337
			MAX. INPUT HP	0.33	0.75	2.00	3.00	5.00	10.00	20.00
100	1750	17.5	MAX. TORQUE	1500	3420	7260	13700	26500	38000	79000
			OUTPUT TORQUE	1188	2700	7200	10800	18000	36000	72000
			SERVICE FACTOR	1.26	1.27	1.01	1.27	1.47	1.06	1.10
			OVERHUNG LOAD	450	459	811	1939	2296	2587	3449
			MAX. INPUT HP	0.33	0.75	1.50	3.00	5.00	7.50	15.00
110	1750	15.9	MAX. TORQUE	1500	3420	7260	13700	26500	38000	79000
			OUTPUT TORQUE	1307	2970	5940	11880	19800	29700	59400
			SERVICE FACTOR	1.15	1.15	1.22	1.15	1.34	1.28	1.33
			OVERHUNG LOAD	450	459	827	1939	2296	2663	3485
			MAX. INPUT HP	0.33	0.75	1.50	3.00	5.00	7.50	15.00
120	1750	14.6	MAX. TORQUE	1500	3420	7260	13700	26500	38000	79000
			OUTPUT TORQUE	1425	3240	6480	12960	21600	32400	64800
			SERVICE FACTOR	1.05	1.06	1.12	1.06	1.23	1.17	1.22
			OVERHUNG LOAD	450	459	837	1939	2296	2699	3561
			MAX. INPUT HP	0.25	0.50	1.50	2.00	5.00	7.50	15.00
130	1750	13.5	MAX. TORQUE	1500	3420	7260	13700	26500	38000	79000
			OUTPUT TORQUE	1170	2340	7020	9360	23400	35100	70200
			SERVICE FACTOR	1.28	1.46	1.03	1.46	1.13	1.08	1.13
			OVERHUNG LOAD	450	459	850	1939	2296	2699	3561
			MAX. INPUT HP	0.25	0.50	1.00	2.00	3.00	5.00	10.00
150	1750	11.7	MAX. TORQUE	1500	3420	7260	13700	26500	38000	79000
			OUTPUT TORQUE	1350	2700	5400	10800	16200	27000	54000
			SERVICE FACTOR	1.11	1.27	1.34	1.27	1.64	1.41	1.46
			OVERHUNG LOAD	450	459	850	1939	2296	2699	3561

TORQUE: IN./LB
O.H.L. Kg.

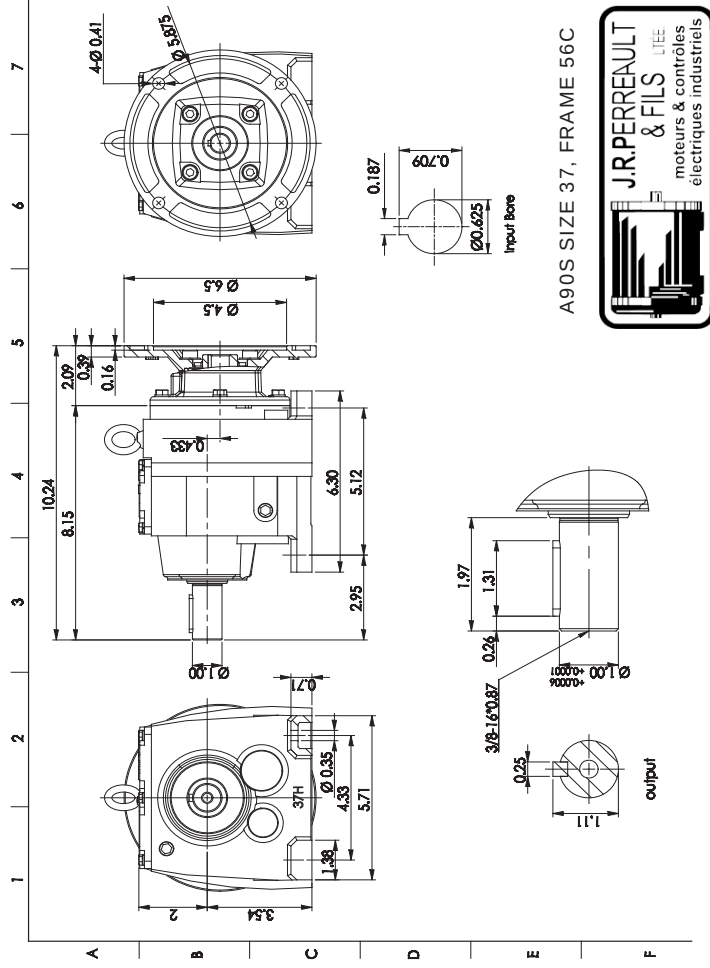


Lubricant(l)												
Size			A75S/17	A90S/37	A115S/47	A130S/67	A140S/77	A180S/87	A225S/97	A250S/107	A315S/137	A340S/147
Lubricant	(H*)	M1	0.24	0.3	0.7	1.1	1.2	2.3	4.6	6	10	15.4
		M2	0.6	1.05	1.65	3.5	4.1	7.7	13.4	19.2	31.5	52
		M3	0.6	0.85	1.6	1.6	3.8	6.7	11.7	16.3	28	46.5
		M4	0.35	0.95	1.5	2.8	3.6	7.2	11.7	16.9	29.5	48
		M5	0.35	0.95	1.5	2	3.4	6.5	11.7	15.9	25	41
		M6	0.35	0.75	1.5	1.8	2.5	6.3	11.3	13.2	25	39.5
	(V*)	MA	0.25	0.95	1.5	2.5	2.6	6	10.2	14.9	25	42
		MB	0.6	1.05	1.65	3.6	4.1	7.7	14	19.2	32.5	52
		MC	0.6	0.9	1.6	2.6	4.1	7.9	14	19	27	47

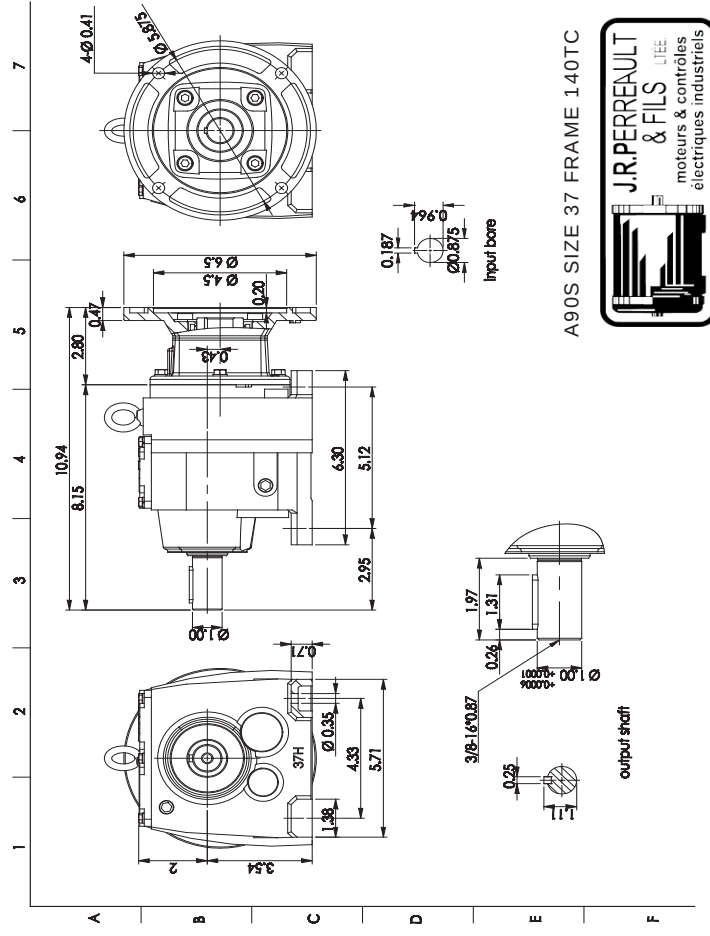
* H: Horizontal

* V: Vertical

HELICAL IN LINE REDUCERS, SEAL AND BEARING PART LIST						
Size	Input Shaft			Output Shaft		
	Bearing	Oil Seal		Bearing	Oil Seal	Key
A70S 17	PBA6005ZZ*2	PSS025047061*1		PBA6201*1 PBA6204ZZ*1	PSS025047061*1	PKD0606032*1
	PBA6005ZZ*2	PSS025047061*1				
	PBA6005ZZ*2	PSS030055071*1				
A90S 37	PBA6006ZZ*2	PSS030047061*1		PBA6206ZZ*1 PBA6205*1	PSS035062111*1	PKD0807040*1
	PBA6008ZZ*2	PSS040055081*1				
A115S 47	PBA6006ZZ*2	PSS030047061*1		PBA6207ZZ*1 PBA6206*1	PSS040072101*1	PKD0807050*1
	PBA6008ZZ*2	PSS040055081*1				
	PBA6009ZZ*2	PSS045069091*1				
A130S 67	PBA6006ZZ*2	PSS030047061*1		PBA6208ZZ*1 PBA6207*1	PSS050080121*1	PKD1008055*1
	PBA6008ZZ*2	PSS040055081*1				
	PBA6009ZZ*2	PSS045060091*1				
A140S 77	PBA6008ZZ*2	PSS040055081*1		PBA6209ZZ*1 PBA6208*1	PSS055085121*1	PKD1208070*1
	PBA6009ZZ*2	PSS045060091*1				
	PBA6210ZZ*1 PBA6211ZZ*1	PSS055080101*1				
A180S 87	PBA6008ZZ*2	PSS040055081*1		PBA6311ZZ*1 PBA6210*1	PSS065120151*1	PKD1409080*1
	PBA6009ZZ*2	PSS045060091*1				
	PBA6210ZZ*1 PBA6211ZZ*1	PSS055080101*1				
	PBA6212ZZ*1 PBA6213ZZ*1	PSS065090121*1				
A225S 97	PBA6009ZZ*2	PSS045060091*1		PBA6212*1 PBA6313ZZ*1	PSS072140121*1	PKD1811110*1
	PBA6210ZZ*1 PBA6211ZZ*1	PSS055080101*1				
	PBA6212ZZ*1 PBA6213ZZ*1	PSS065090121*1				
	PBA6215ZZ*1 PBA6216ZZ*1	PSS080105131*1				
	PBA6215ZZ*1 PBA6216ZZ*1	PSS080105131*1				
A250S 107	PBA6210ZZ*1 PBA6211ZZ*1	PSS055080101*1		PBA6214*1 PBA6315*1	PSS090160131*1	PKD2012125*1
	PBA6212ZZ*1 PBA6213ZZ*1	PSS065090121*1				
	PBA6215ZZ*1 PBA6216ZZ*1	PSS080105131*1				
	PBA6215ZZ*1 PBA6216ZZ*1	PSS080105131*1				
	PBA6215ZZ*1 PBA6217ZZ*1	PSS085120131*1				
A315S 137	PBA6212ZZ*1 PBA6213ZZ*1	PSS065090121*1		PBA6216*1 PBA6318*1	PSS117190151*1	PKD2514160*1
	PBA6215ZZ*1 PBA6216ZZ*1	PSS080105131*1				
	PBA6215ZZ*1 PBA6216ZZ*1	PSS080105131*1				
	PBA6215ZZ*1 PBA6217ZZ*1	PSS085120131*1				
	PBA6216ZZ*1 PBA6219ZZ*1	PSS095120131*1				
A340S 147	PBA6212ZZ*1 PBA6213ZZ*1	PSS065090121*1		PBJ6322ZZ*1 PBA6220*1	PSS130240201*1	PKD2816180*1
	PBA6215ZZ*1 PBA6216ZZ*1	PSS080105131*1				
	PBA6215ZZ*1 PBA6217ZZ*1	PSS085120131*1				
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	PBA6217ZZ*1 PBA6221ZZ*1	PSS105125131*1				

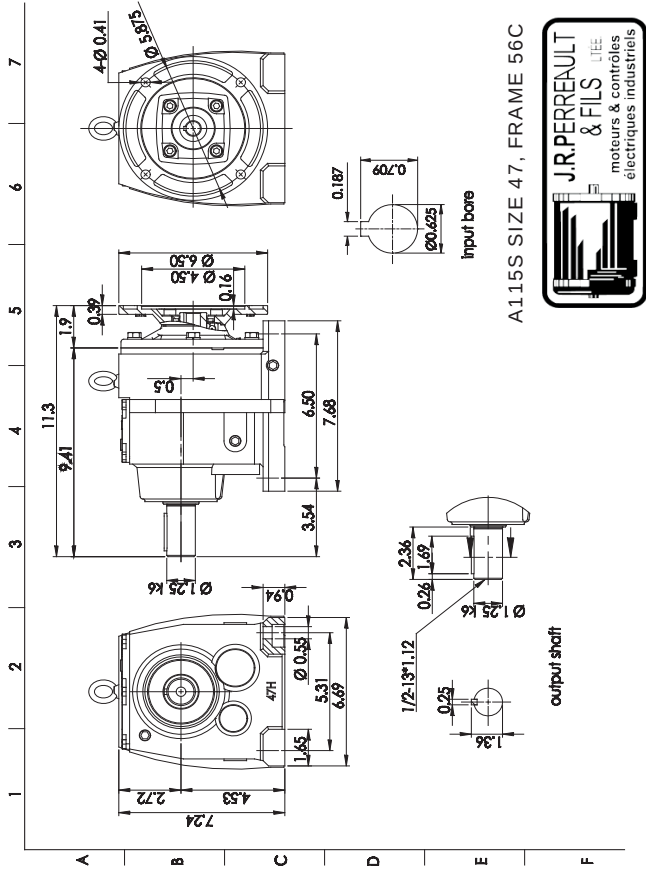


A90S SIZE 37, FRAME 56C

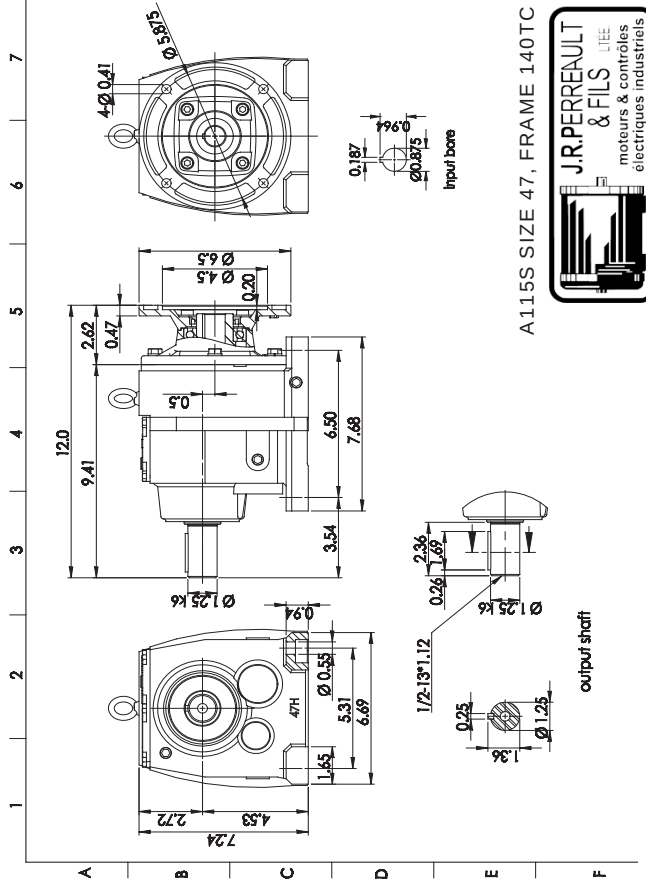
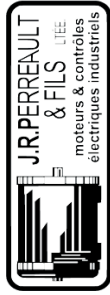


A90S SIZE 37 FRAME 140TC

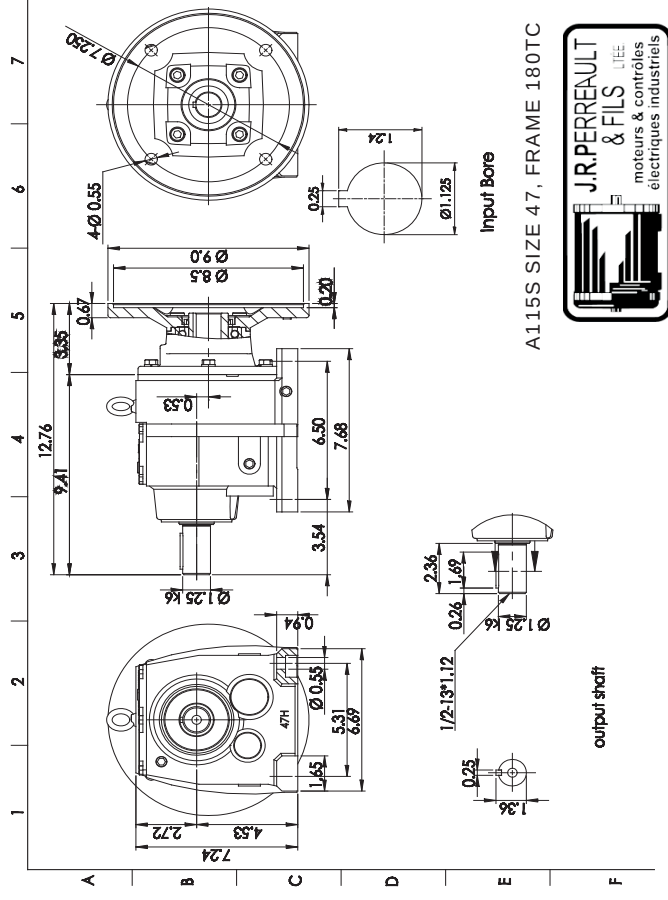
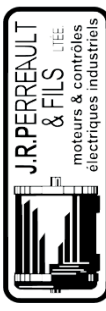




A115S SIZE 47, FRAME 56C

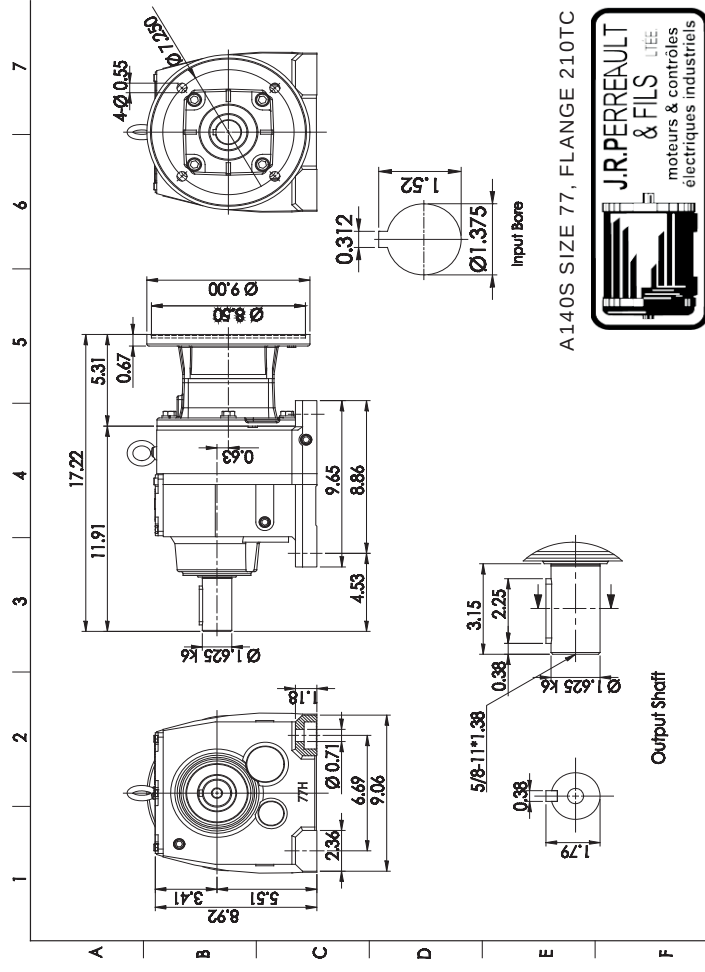
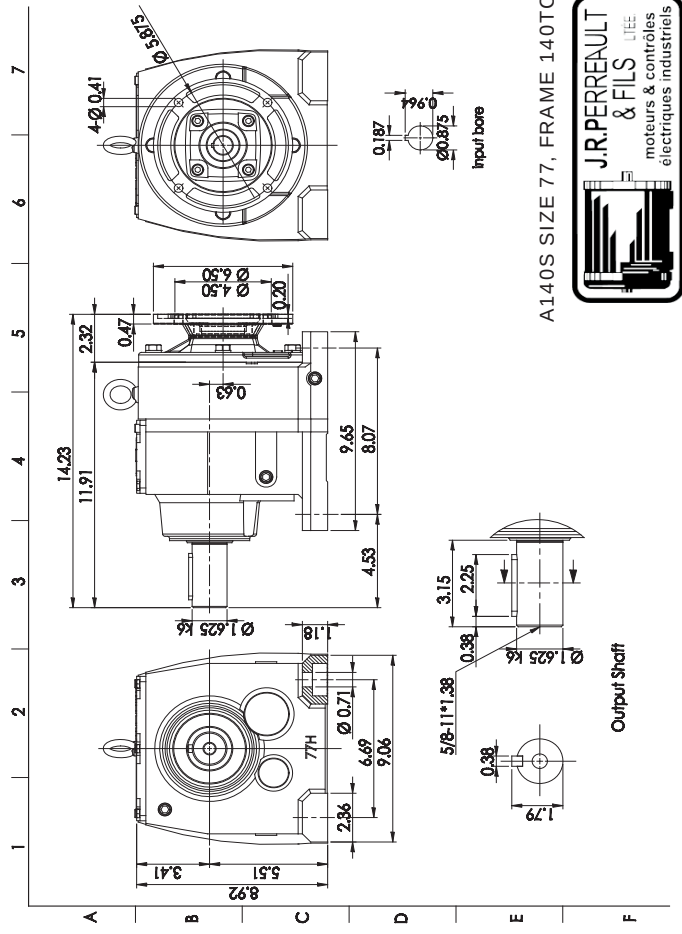
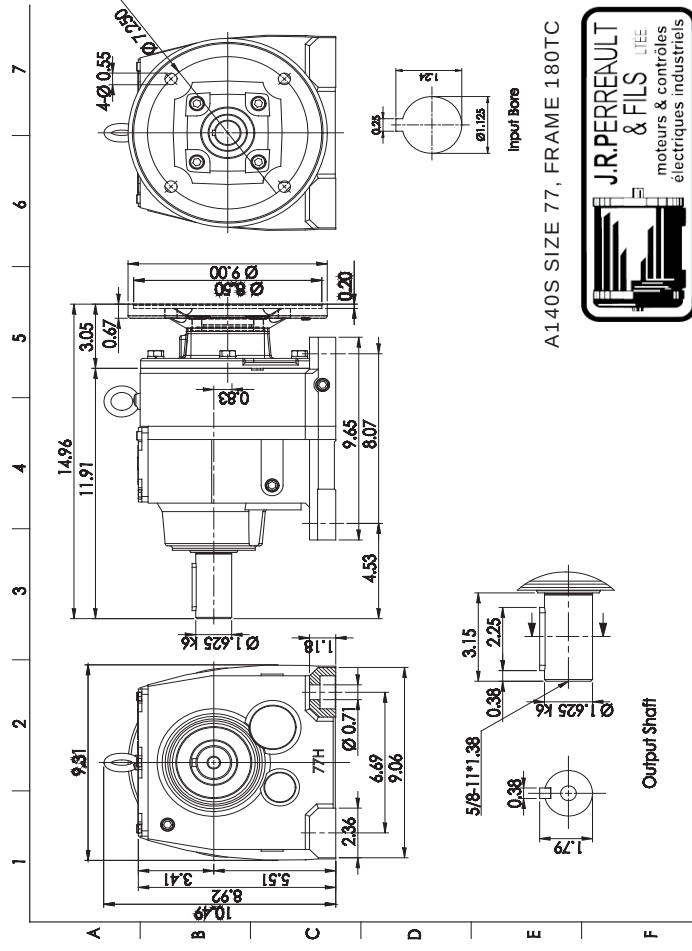


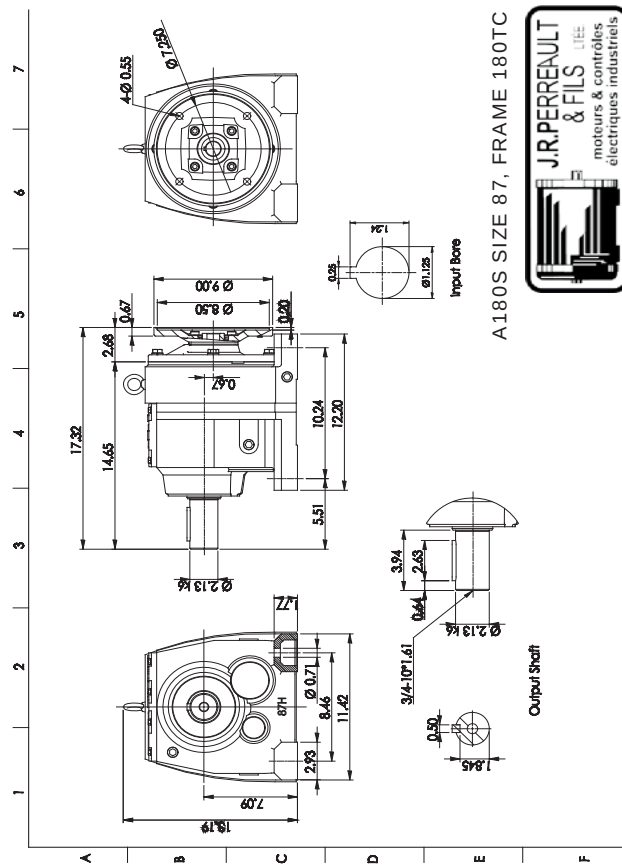
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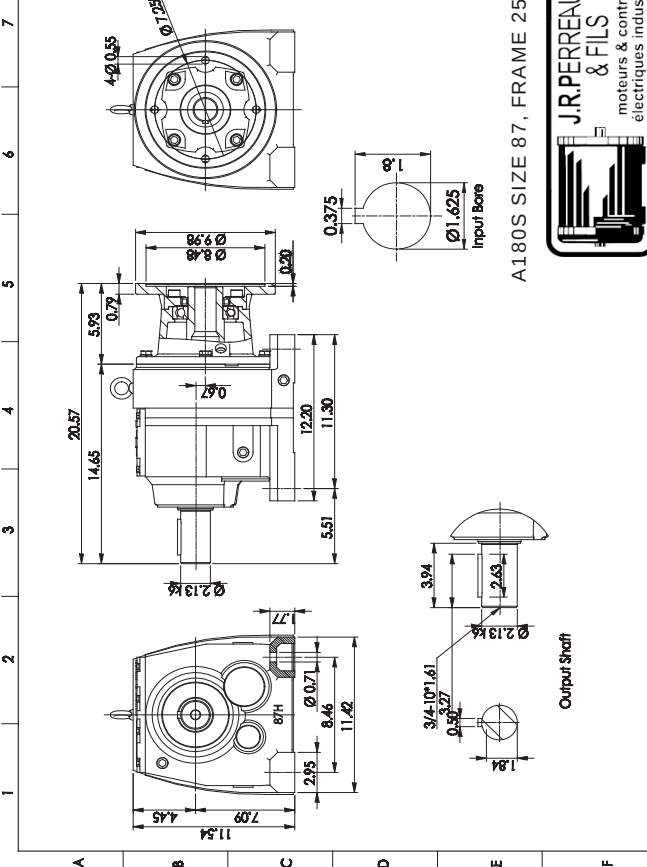
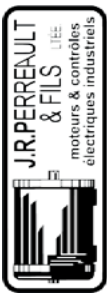
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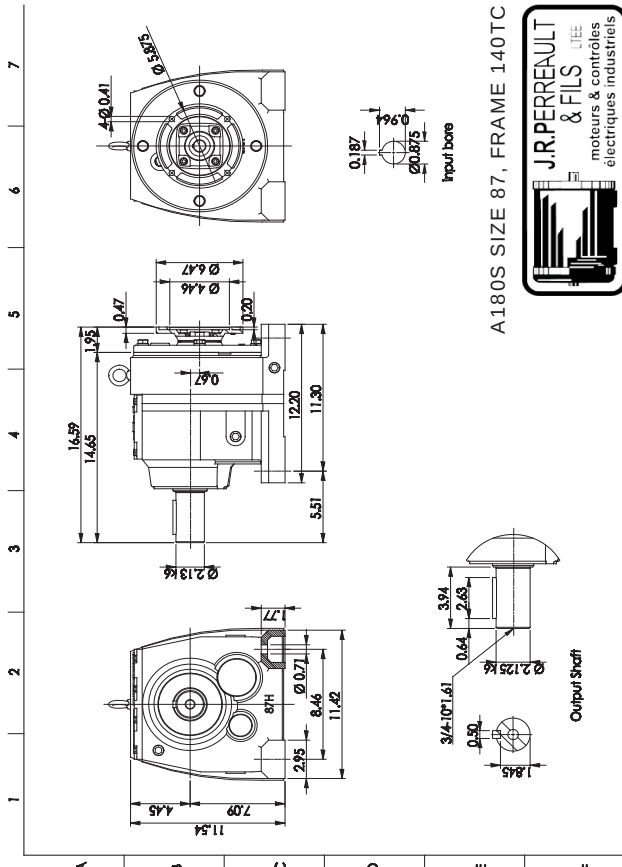
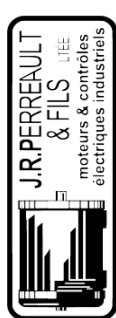




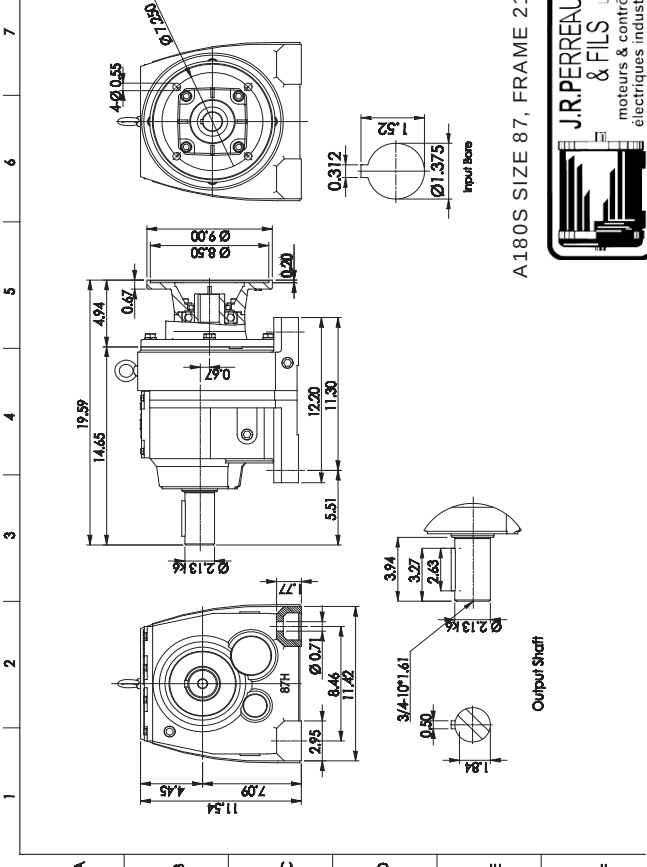
A180S SIZE 87, FRAME 180TC



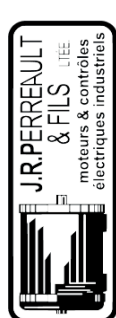
A180S SIZE 87, FRAME 250TC

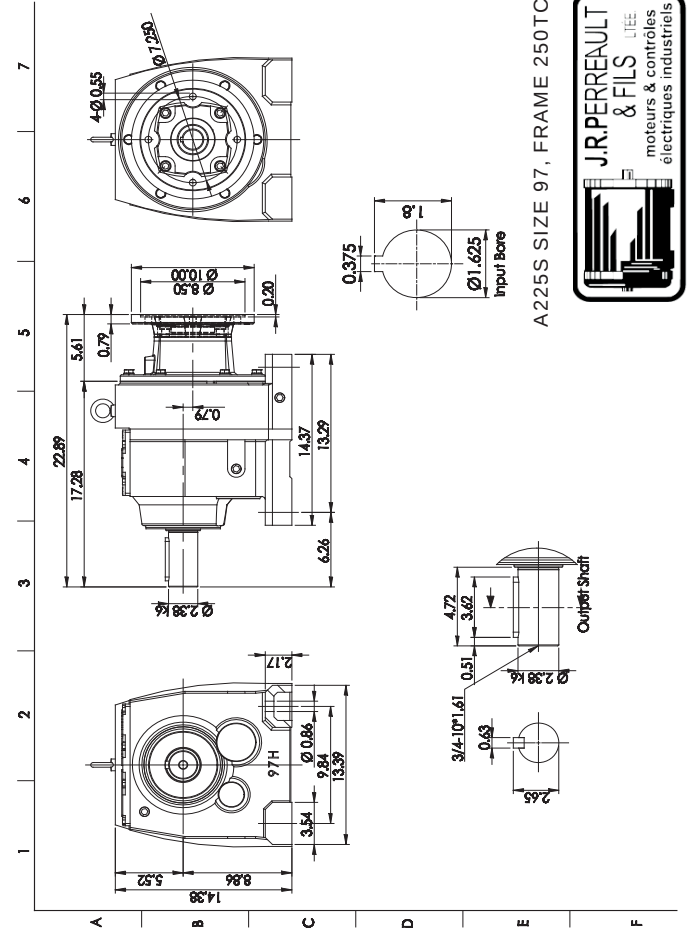
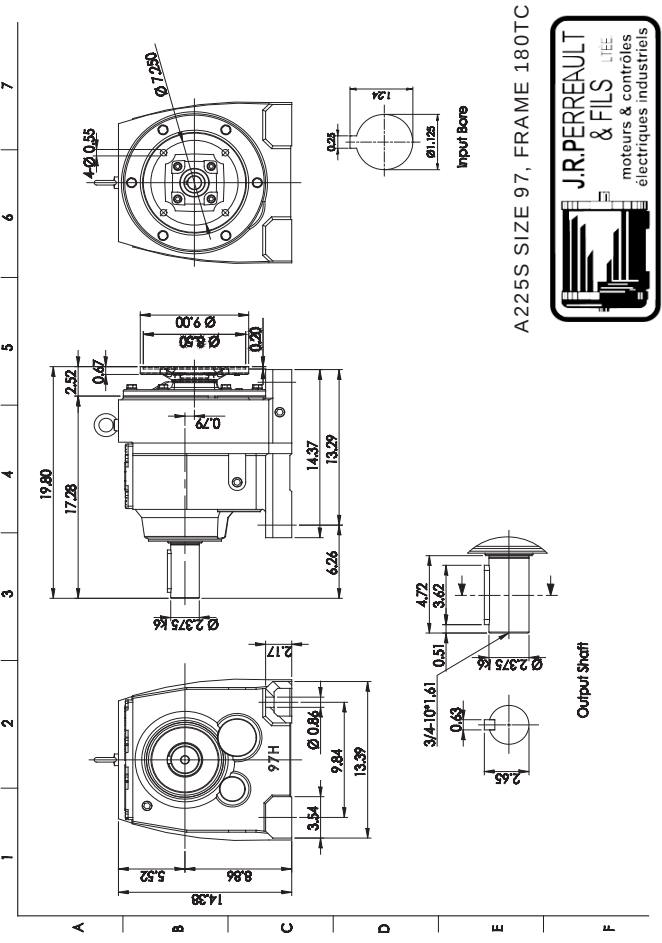
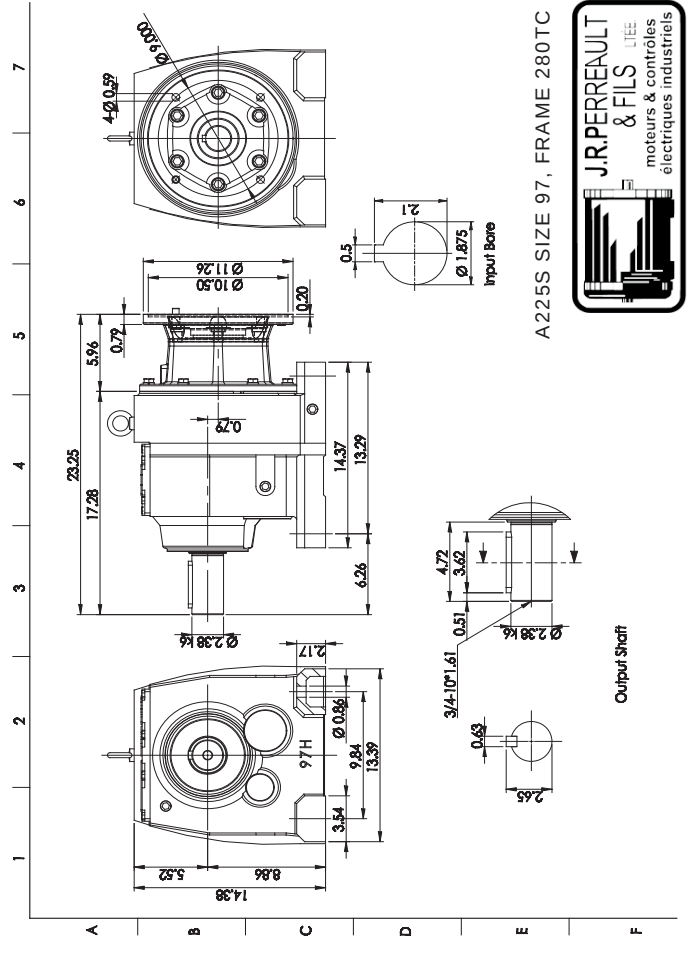
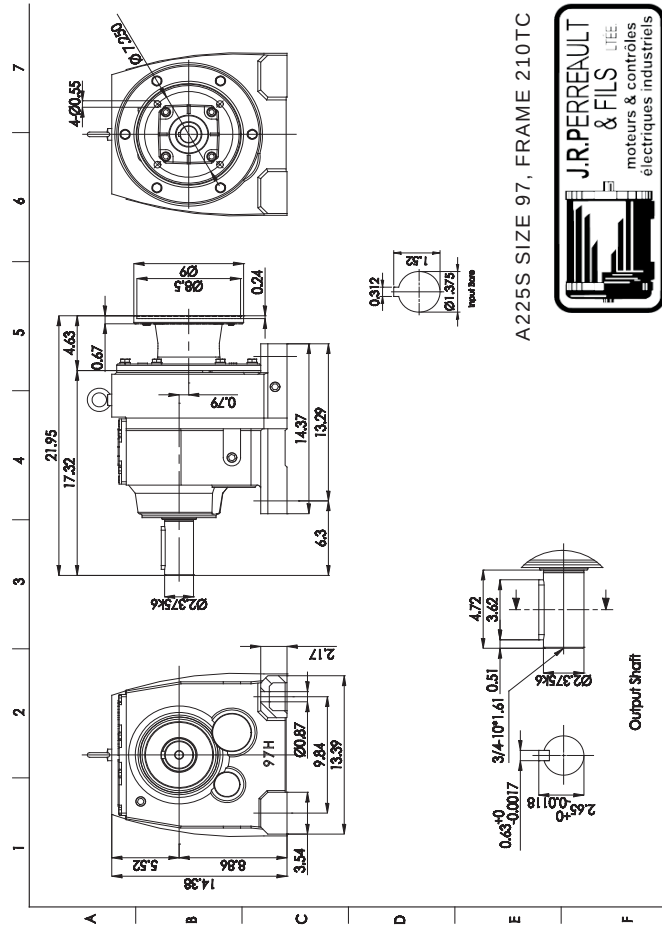


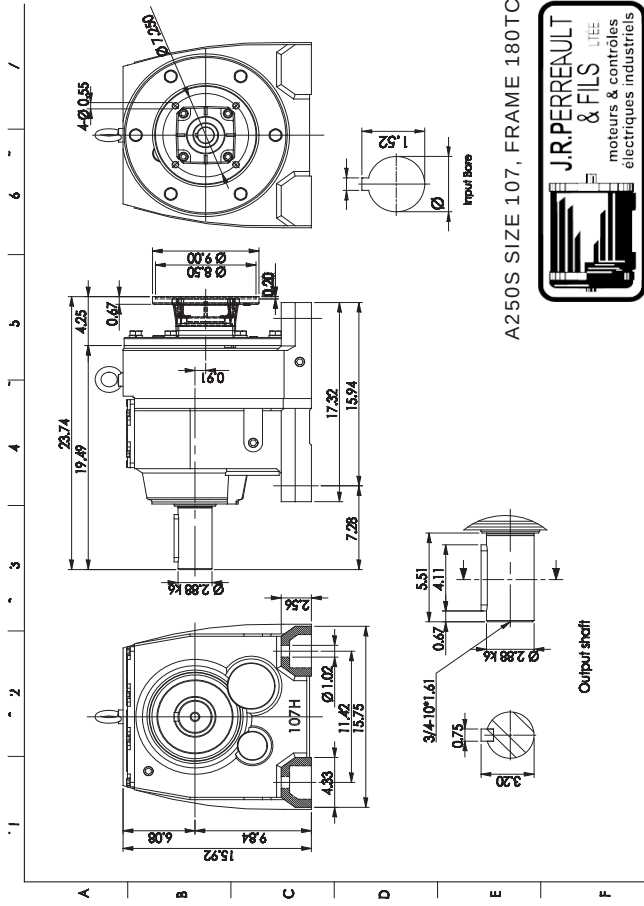
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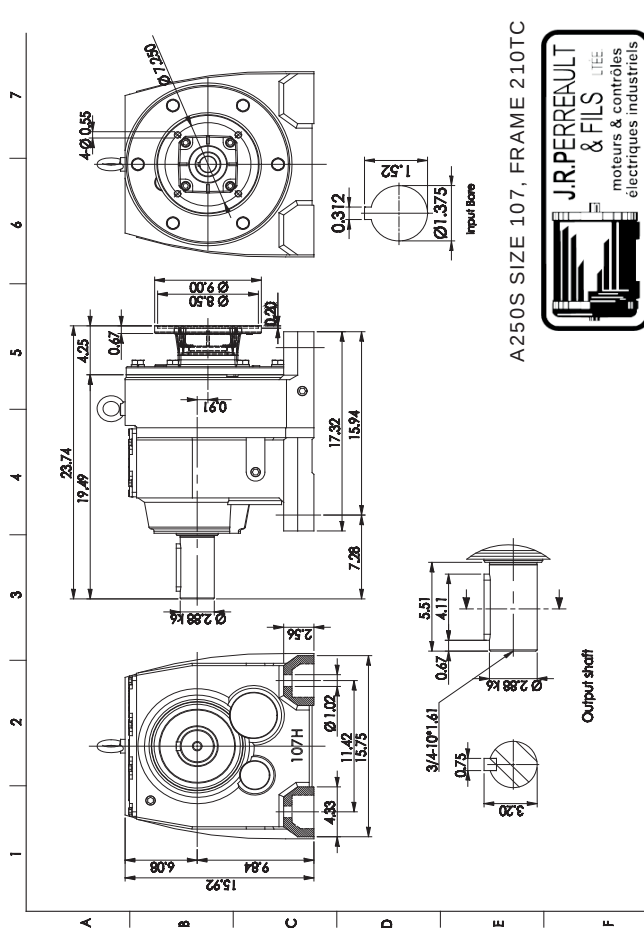
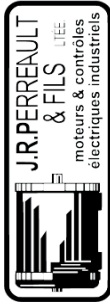
A180S SIZE 87, FRAME 210TC



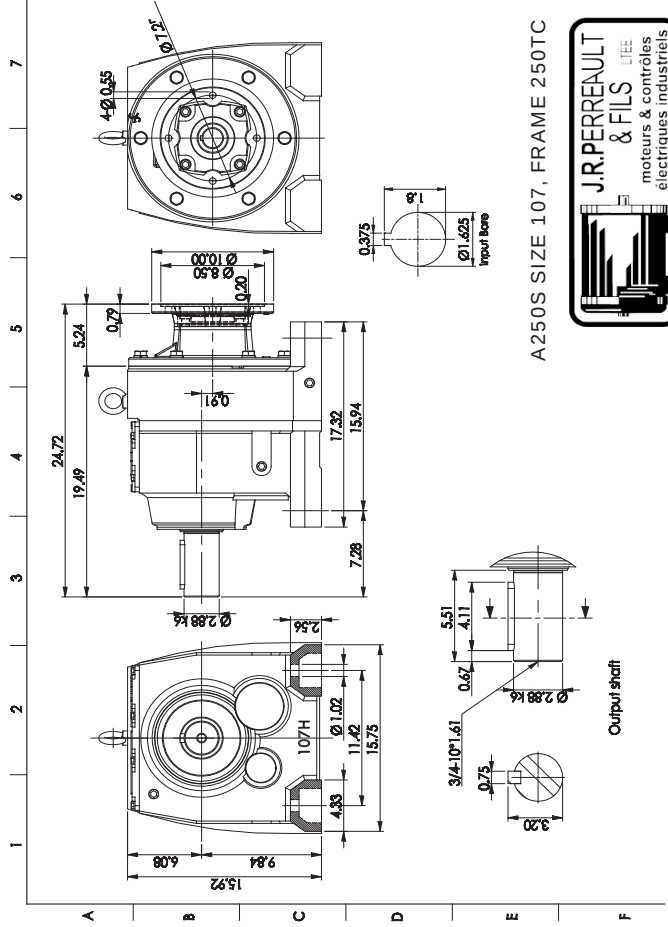
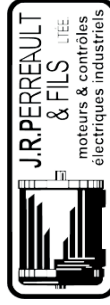




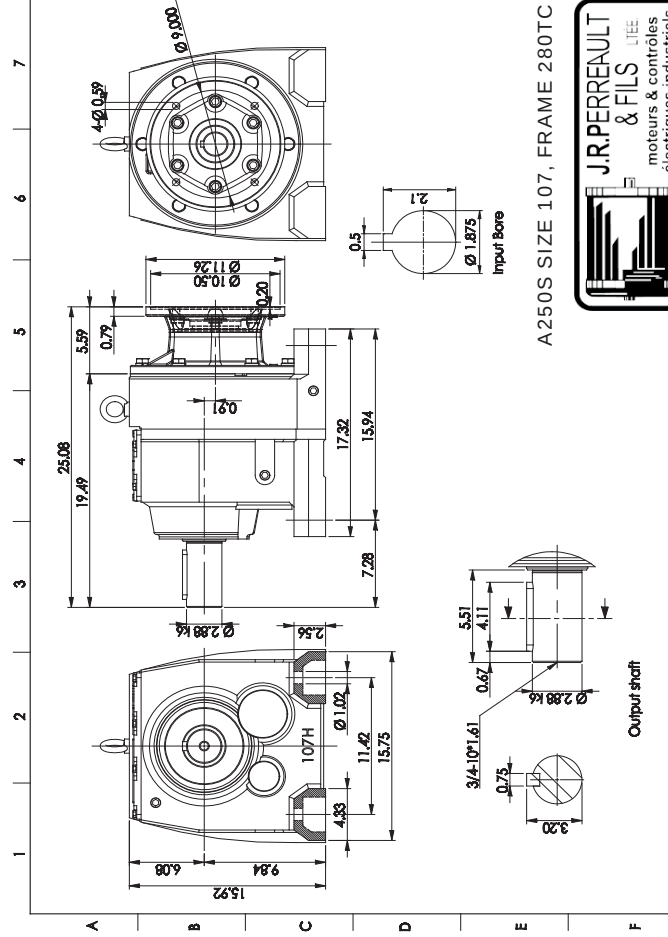
A250S SIZE 107, FRAME 180TC



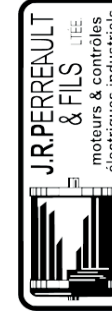
A250S SIZE 107, FRAME 210TC

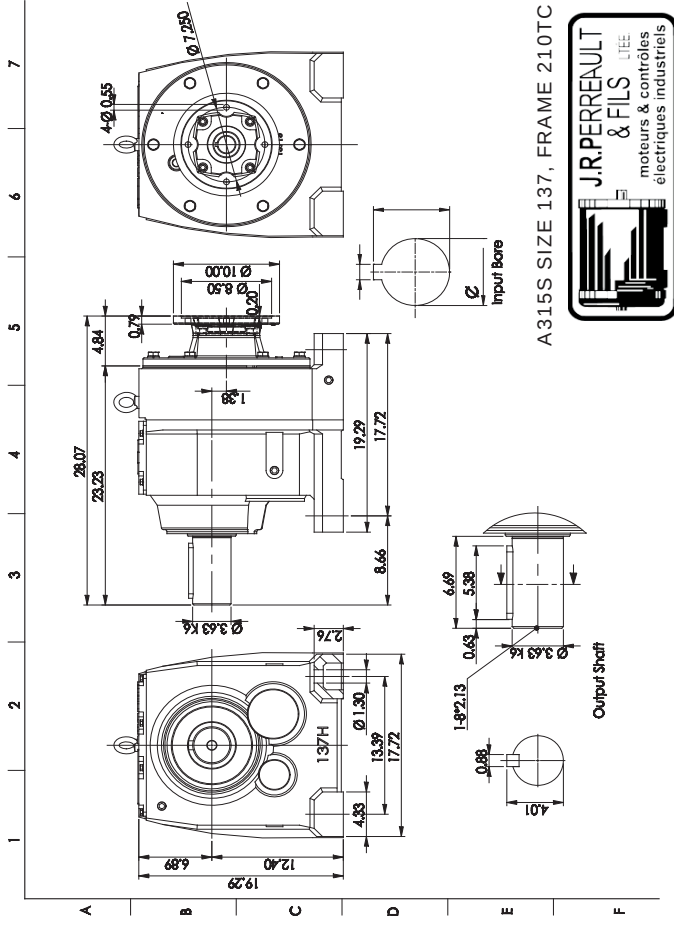


A250S SIZE 107, FRAME 250TC

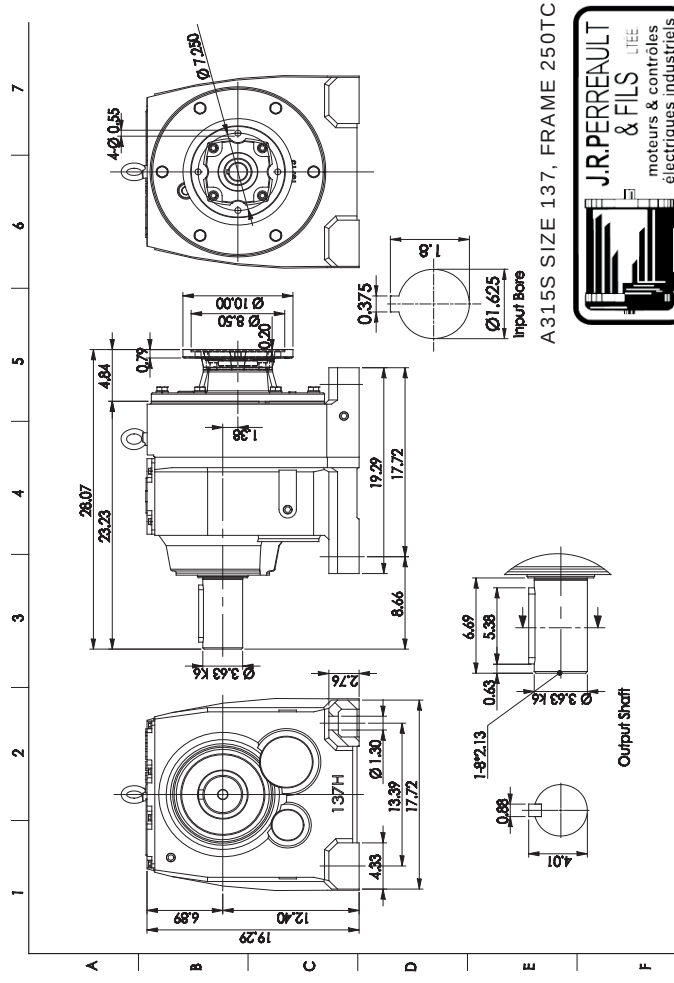


A250S SIZE 107, FRAME 280TC

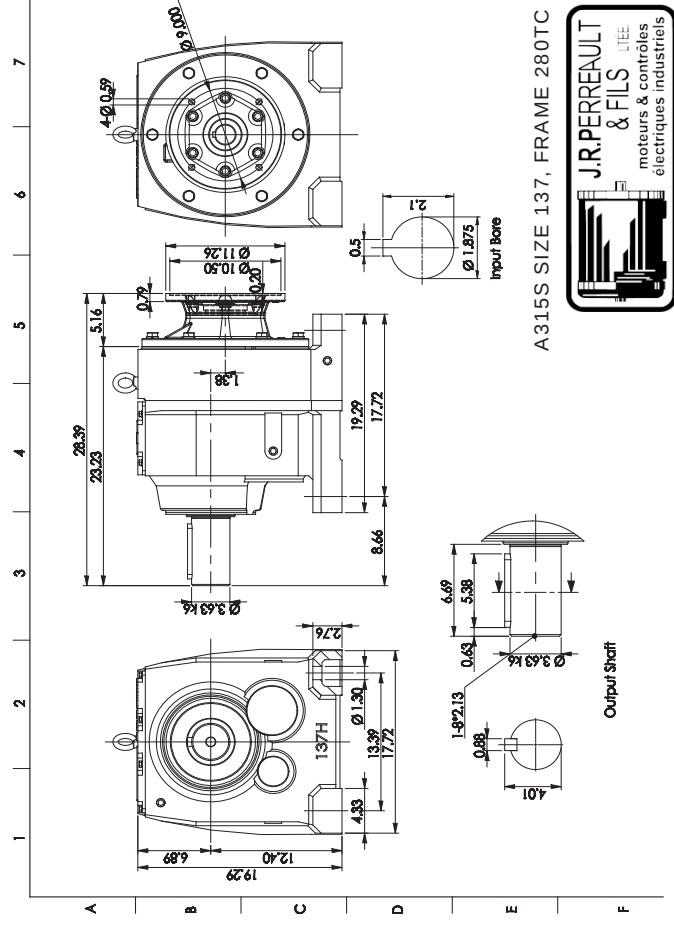




A315S SIZE 137, FRAME 210TC



A315S SIZE 137, FRAME 250TC



A315S SIZE 137, FRAME 280TC

