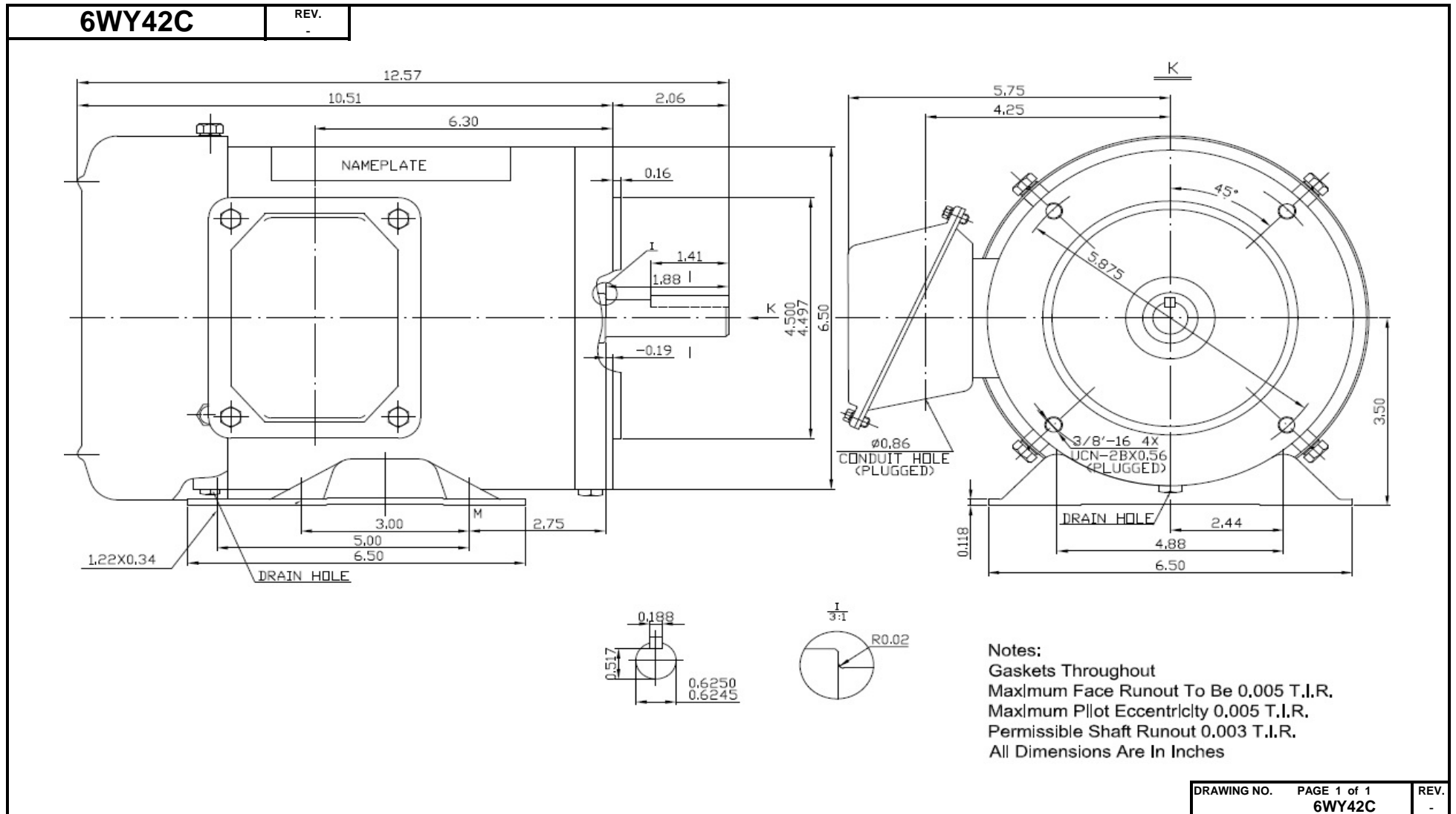


Dimensional Drawing

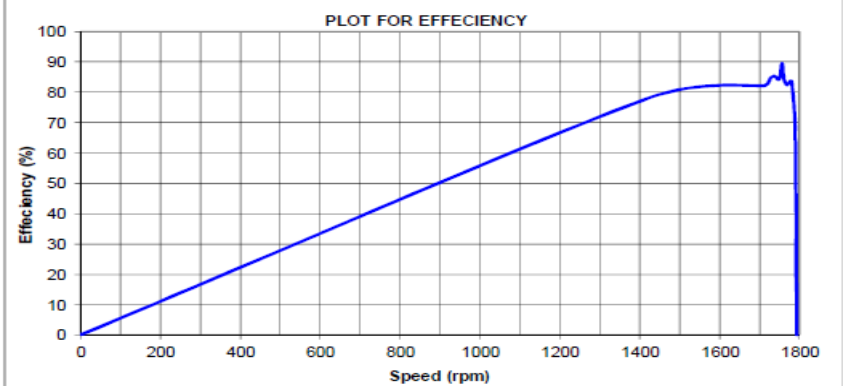
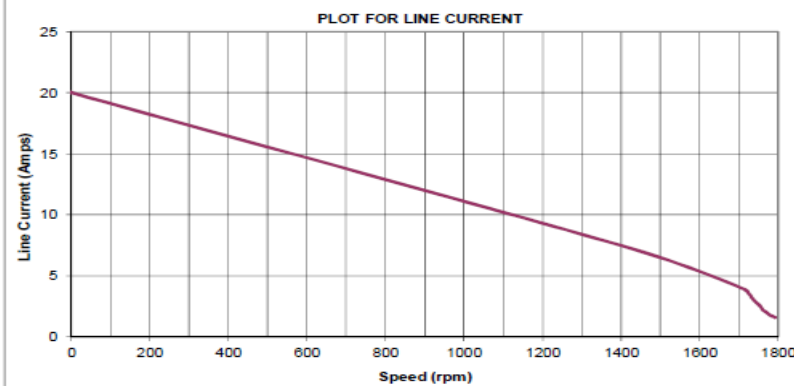
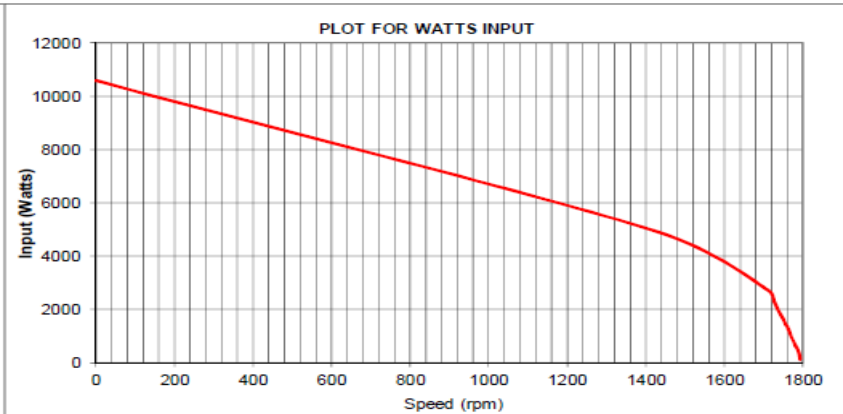
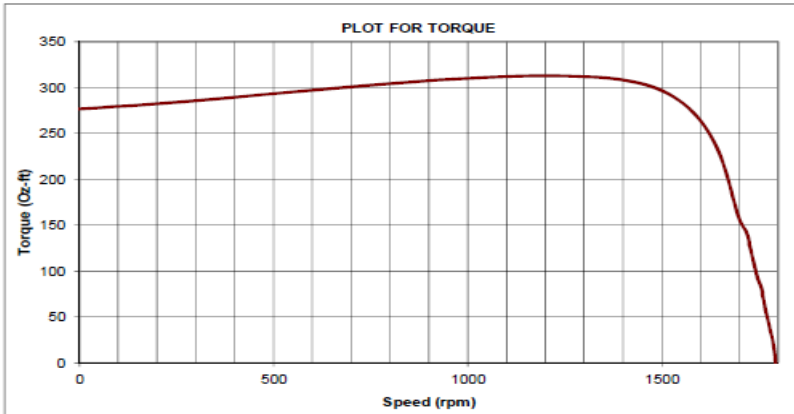


Performance Data



6WY42C

REV.
-



Model No: 6WY42C Curve at 460 Volts , 60Hz, 1.5HP, 1750RPM

Full load torque	71.6 Oz-ft
BD Torque	307.0 Oz-ft
LR Torque	277 Oz-ft

Full load Amps	2.18 Amps
PU Torque	142 Oz-ft
LR Amps@460V	20.0 Amps

DRAWING NO.	PAGE 1 of 2	REV.
	6WY42C	-

Dayton Electric Mfg. Co. Lake Forest, IL 60045 USA

Performance Data



6WY42C		REV.							
		-							
	Speed	Torque	Watts In	Current	Power Factor	Capacitor Volt	Efficiency	Watts Loss	Motor Mode
No load	1793	0	115	1.58	14.5		0	115	0.00FL
	1789	16.99	420	1.65	27		66.43	141	0.25FL
	1780	35.28	669	1.77	47		83.56	110	0.50FL
	1769	53.69	1018	2.03	62		82.42	179	0.75FL
Full load	1761	71.63	1330	2.18	72		84.14	211	1.00FL
	1756	82.36	1437	2.44	74		89.49	151	1.15FL
	1749	90.03	1658	2.66	77		84.32	260	1.25FL
	1737	108.91	1967	3.05	81		85.31	289	1.50FL
	1726	127.44	2318	3.50	84		84.47	360	1.75FL
	1711	147.5	2723	3.95	86		82.19	485	2.00FL
Break Down	1420	307	4960	7.3	85		78	1092	BD
Locked Roto	0	277	10580	20	66		0	10580	LR

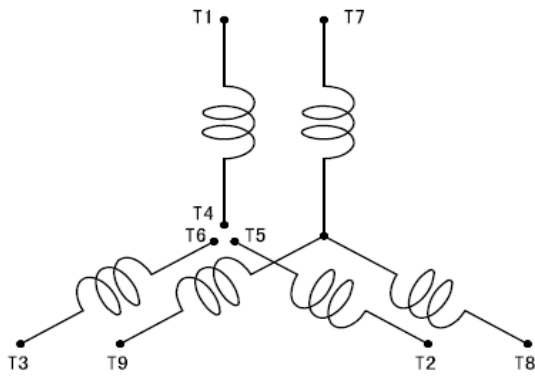
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6WY42C		-

6WY42C

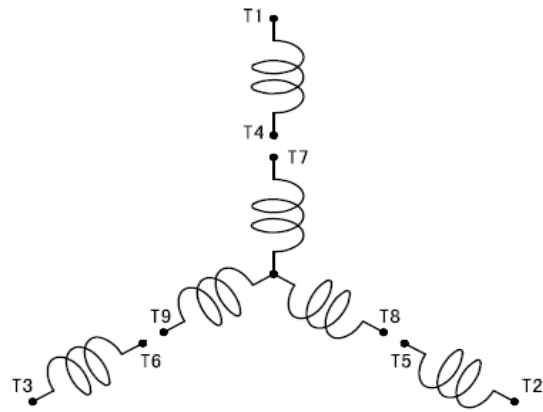
REV.
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SCHEMATIC

LOW VOLT 2Y

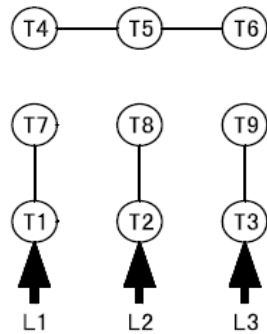


HIGH VOLT Y

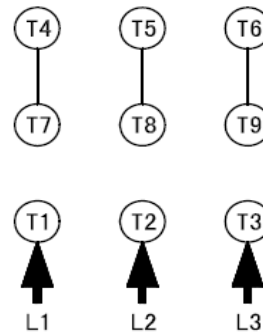


CONNECTION

LOW VOLT 2Y



HIGH VOLT Y



DRAWING NO.	PAGE 1 of 1	REV.
6WY42C		0