

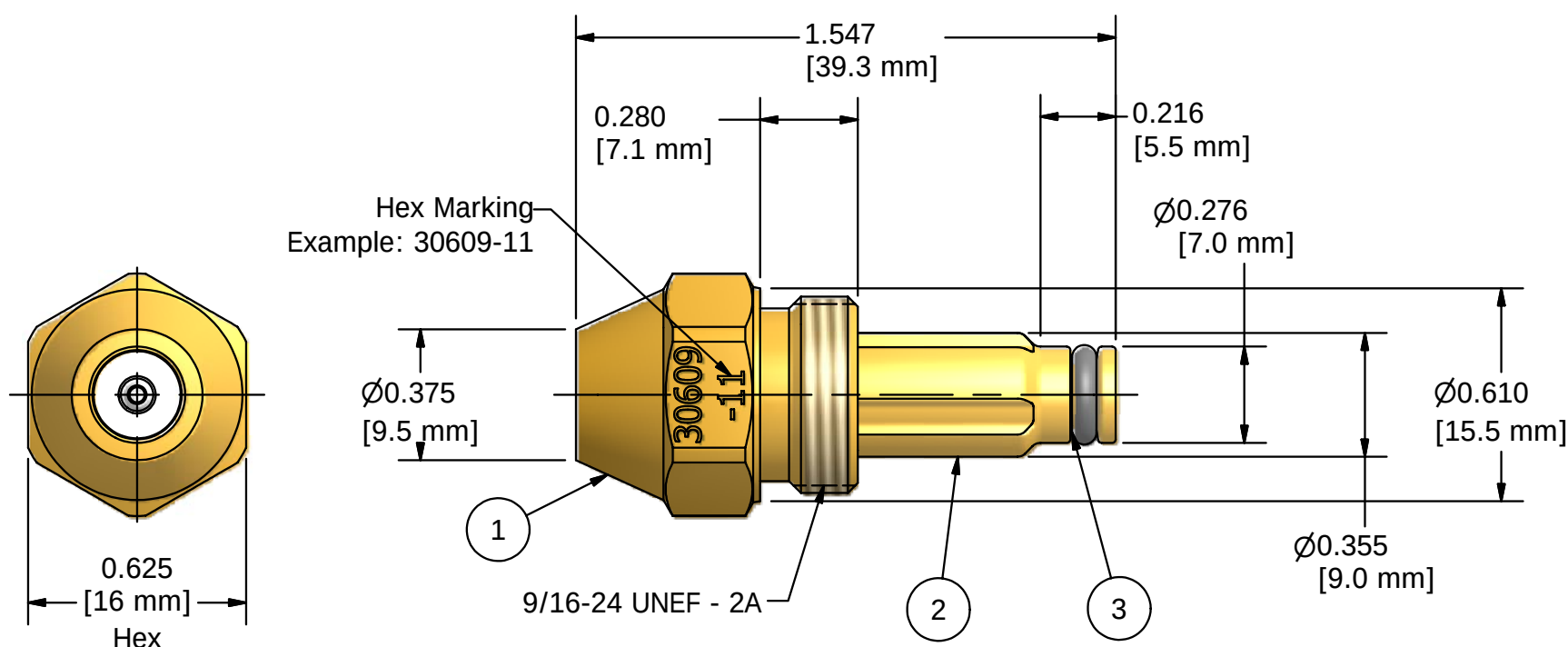
Notes:

1. Flow and spray quality tested on K1 Kerosene
2. See page 2 for specific dash information
3. Screw pin torque to be 25 in-lbs [28.8 kgf-cm] min

Parts List			
ITEM	QTY	PART NUMBER	MATERIAL
1	1	Hex Body	Brass
2	1	Screw Pin	Brass
3	1	AS-568A #007 O-Ring	Viton



1:1 Scale

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE IN INCHES

DRAWN Stembridge Aug 29, 2006

TOLERANCES

CHECKED

DECIMAL ± 0.010 FRACTIONAL $\pm 1/64$
DEGREES $\pm 2^\circ$

ENGINEER

NEXT ASSY / SPECS

125 ✓

DRILLED
HOLES

250 ✓

MATERIALS

Brass / 416 SST Metering parts

GOODRICH

DELAN SPRAY TECHNOLOGIES, LLC
HIGHWAY 301 SOUTH
BAMBERG, SC 29003

Application Drawing for Standard Siphon Nozzle

SIZE

CODE IDENT. NO.

DWG. NO.

A

5H185

SK30609

SCALE 2x

WT. .65 lbf / .295 kgf

PAGE

DIMENSIONS LOCATING TRUE POSITION ARE BASIC

Siphon Nozzle Capacity Chart Tested on K1 Kerosene															
Part	Nozzle	3	PSI	207	mbar	4	PSI	276	mbar	5	PSI	345	mbar	Lift	Height
Number	No.	Fuel(GPH)	Air(CFM)	Fuel (Kg/h)	Air(LPM)	Fuel(GPH)	Air(CFM)	Fuel (Kg/h)	Air(LPM)	Fuel(GPH)	Air(CFM)	Fuel (Kg/h)	Air(LPM)	in	mm
30609-2	SNA 0.20	0.19	0.36	0.59	10.2	0.23	0.45	0.72	12.7	0.25	0.49	0.78	13.9	1	25.4
		0.16	0.36	0.50	10.2	0.20	0.45	0.62	12.7	0.22	0.49	0.69	13.9	4	101.6
		0.14	0.36	0.44	10.2	0.17	0.45	0.53	12.7	0.20	0.49	0.62	13.9	7	177.8
30609-3	SNA 0.30	0.29	0.41	0.90	11.6	0.33	0.49	1.03	13.9	0.36	0.55	1.12	15.6	1	25.4
		0.26	0.41	0.81	11.6	0.30	0.49	0.93	13.9	0.33	0.55	1.03	15.6	4	101.6
		0.23	0.41	0.72	11.6	0.27	0.49	0.84	13.9	0.30	0.55	0.93	15.6	7	177.8
30609-4	SNA 0.40	0.38	0.45	1.18	12.7	0.44	0.54	1.37	15.3	0.49	0.61	1.53	17.3	1	25.4
		0.34	0.45	1.06	12.7	0.40	0.54	1.25	15.3	0.45	0.61	1.40	17.3	4	101.6
		0.30	0.45	0.93	12.7	0.36	0.54	1.12	15.3	0.41	0.61	1.28	17.3	7	177.8
30609-5	SNA 0.50	0.48	0.50	1.50	14.2	0.54	0.59	1.68	16.7	0.58	0.65	1.81	18.4	1	25.4
		0.43	0.50	1.34	14.2	0.50	0.59	1.56	16.7	0.53	0.65	1.65	18.4	4	101.6
		0.38	0.50	1.18	14.2	0.48	0.59	1.50	16.7	0.48	0.65	1.50	18.4	7	177.8
30609-7	SNA 0.65	0.63	0.59	1.96	16.7	0.72	0.67	2.24	19.0	0.78	0.76	2.43	21.5	1	25.4
		0.57	0.59	1.78	16.7	0.65	0.67	2.02	19.0	0.72	0.76	2.24	21.5	4	101.6
		0.51	0.59	1.59	16.7	0.58	0.67	1.81	19.0	0.66	0.76	2.06	21.5	7	177.8
30609-8	SNA 0.75	0.75	0.63	2.34	17.8	0.83	0.74	2.59	21.0	0.93	0.87	2.90	24.6	1	25.4
		0.65	0.63	2.02	17.8	0.75	0.74	2.34	21.0	0.84	0.87	2.62	24.6	4	101.6
		0.59	0.63	1.84	17.8	0.67	0.74	2.09	21.0	0.75	0.87	2.34	24.6	7	177.8
30609-9	SNA 0.85	0.84	0.71	2.62	20.1	0.93	0.80	2.90	22.7	1.04	0.93	3.24	26.3	1	25.4
		0.75	0.71	2.34	20.1	0.85	0.80	2.65	22.7	0.95	0.93	2.96	26.3	4	101.6
		0.66	0.71	2.06	20.1	0.77	0.80	2.40	22.7	0.86	0.93	2.68	26.3	7	177.8
30609-11	SNA 1.00	0.96	0.73	2.99	20.7	1.10	0.91	3.43	25.8	1.15	1.02	3.58	28.9	1	25.4
		0.84	0.73	2.62	20.7	1.00	0.91	3.12	25.8	1.06	1.02	3.30	28.9	4	101.6
		0.72	0.73	2.24	20.7	0.90	0.91	2.80	25.8	0.97	1.02	3.02	28.9	7	177.8