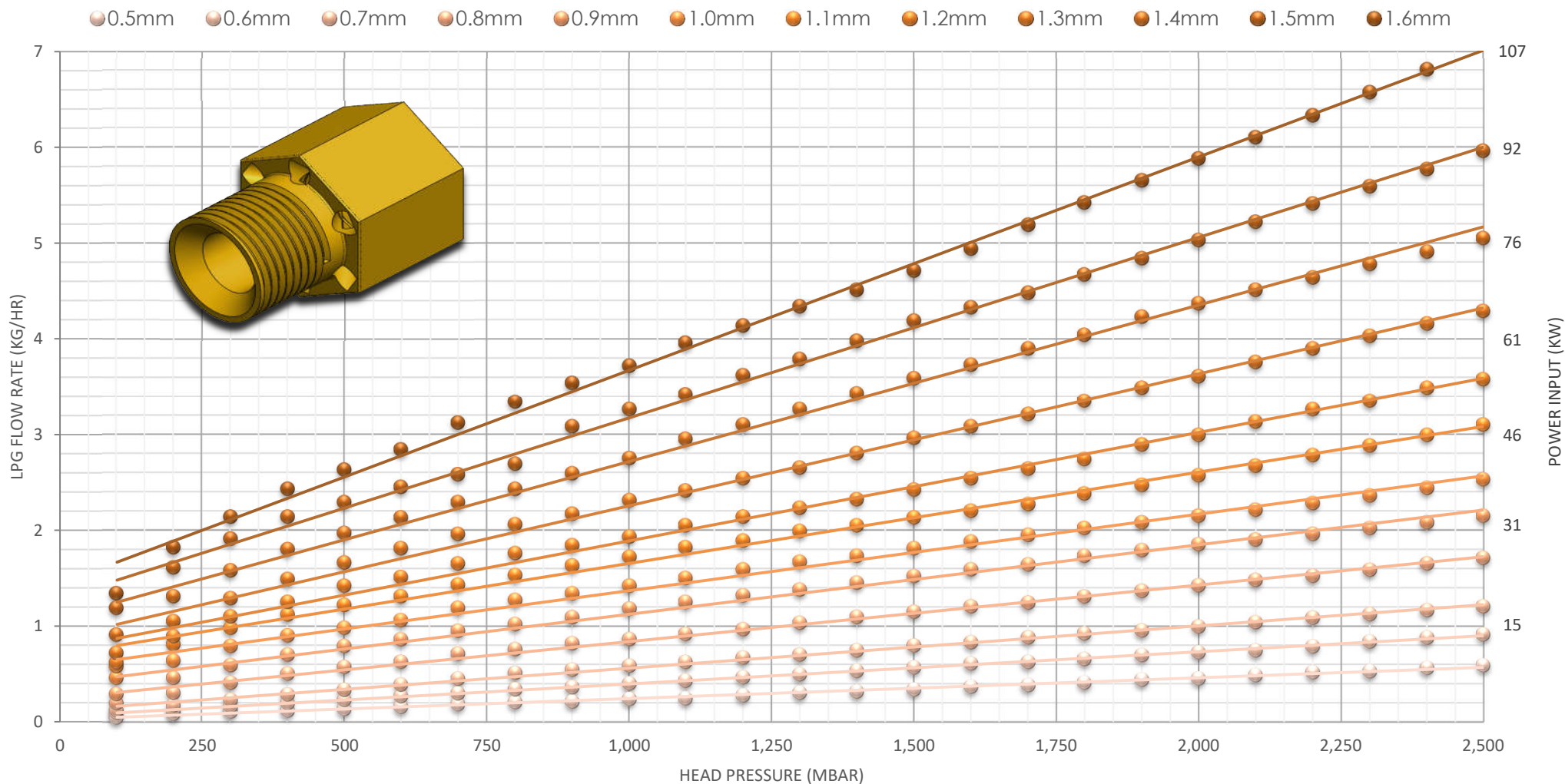


BURNER ORIFICE SIZE PERFORMANCE CURVE

NOZ1 MOD.2020 | Head Pressure vs LPG Flow Rate (kW)



BURNER ORIFICE SIZE PERFORMANCE DATA

NOZ1 MOD.2020 | Head Pressure vs LPG Flow Rate (kW)

Revision : 00

Date : 14/2/2020

Head Press. (mbar)	Orific Size 0.5mm		Orific Size 0.6mm		Orific Size 0.7mm		Orific Size 0.8mm		Orific Size 0.9mm		Orific Size 1.0mm		Orific Size 1.1mm		Orific Size 1.2mm		Orific Size 1.3mm		Orific Size 1.4mm		Orific Size 1.5mm		Orific Size 1.6mm	
	FLOW kg/hr	POWER kW	FLOW kg/hr	POWER kW	FLOW kg/hr	POWER kW	FLOW kg/hr	POWER kW	FLOW kg/hr	POWER kW	FLOW kg/hr	POWER kW	FLOW kg/hr	POWER kW	FLOW kg/hr	POWER kW	FLOW kg/hr	POWER kW	FLOW kg/hr	POWER kW	FLOW kg/hr	POWER kW	FLOW kg/hr	POWER kW
100	0.05	0.69	0.10	1.45	0.12	1.85	0.19	2.96	0.29	4.43	0.46	7.03	0.58	8.86	0.62	9.47	0.72	11.00	0.91	13.90	1.19	18.18	1.34	20.47
200	0.08	1.28	0.12	1.86	0.17	2.61	0.30	4.64	0.46	7.03	0.64	9.78	0.81	12.38	0.89	13.60	1.05	16.04	1.31	20.01	1.61	24.60	1.82	27.81
300	0.11	1.63	0.16	2.41	0.23	3.50	0.41	6.23	0.59	9.01	0.79	12.07	0.98	14.97	1.10	16.81	1.29	19.71	1.58	24.14	1.91	29.18	2.14	32.69
400	0.12	1.82	0.19	2.96	0.29	4.37	0.50	7.67	0.70	10.69	0.90	13.75	1.12	17.11	1.25	19.10	1.49	22.76	1.80	27.50	2.14	32.69	2.43	37.13
500	0.13	2.03	0.23	3.50	0.33	5.09	0.57	8.74	0.79	12.07	0.98	14.97	1.22	18.64	1.42	21.69	1.66	25.36	1.97	30.10	2.29	34.99	2.63	40.18
600	0.16	2.40	0.27	4.09	0.39	5.94	0.63	9.58	0.86	13.14	1.06	16.19	1.31	20.01	1.51	23.07	1.81	27.65	2.13	32.54	2.45	37.43	2.84	43.39
700	0.19	2.84	0.30	4.54	0.45	6.86	0.71	10.85	0.95	14.51	1.19	18.18	1.43	21.85	1.65	25.21	1.96	29.94	2.29	34.99	2.58	39.42	3.12	47.67
800	0.21	3.13	0.34	5.19	0.51	7.82	0.76	11.58	1.02	15.58	1.27	19.40	1.53	23.38	1.76	26.89	2.06	31.47	2.43	37.13	2.69	41.10	3.34	51.03
900	0.21	3.21	0.36	5.53	0.55	8.33	0.82	12.53	1.09	16.65	1.34	20.47	1.63	24.90	1.84	28.11	2.17	33.15	2.59	39.57	3.08	47.06	3.54	54.08
1,000	0.24	3.65	0.40	6.13	0.59	8.94	0.86	13.17	1.18	18.03	1.42	21.69	1.72	26.28	1.93	29.49	2.31	35.29	2.75	42.01	3.26	49.81	3.72	56.83
1,100	0.25	3.74	0.43	6.57	0.62	9.52	0.92	14.01	1.25	19.10	1.50	22.92	1.82	27.81	2.05	31.32	2.41	36.82	2.95	45.07	3.42	52.25	3.96	60.50
1,200	0.28	4.20	0.47	7.12	0.67	10.22	0.97	14.76	1.32	20.17	1.59	24.29	1.89	28.88	2.14	32.69	2.54	38.81	3.10	47.36	3.62	55.31	4.14	63.25
1,300	0.30	4.61	0.50	7.56	0.70	10.73	1.03	15.77	1.38	21.08	1.67	25.51	1.99	30.40	2.23	34.07	2.65	40.49	3.26	49.81	3.79	57.90	4.34	66.31
1,400	0.32	4.83	0.53	8.11	0.75	11.38	1.10	16.73	1.45	22.15	1.73	26.43	2.05	31.32	2.32	35.44	2.80	42.78	3.43	52.40	3.98	60.81	4.51	68.90
1,500	0.34	5.15	0.57	8.66	0.80	12.18	1.15	17.52	1.52	23.22	1.81	27.65	2.13	32.54	2.42	36.97	2.96	45.22	3.59	54.85	4.19	64.01	4.71	71.96
1,600	0.37	5.61	0.61	9.30	0.83	12.68	1.20	18.38	1.59	24.29	1.88	28.72	2.20	33.61	2.54	38.81	3.08	47.06	3.73	56.99	4.33	66.15	4.94	75.47
1,700	0.38	5.85	0.62	9.53	0.88	13.46	1.24	18.98	1.64	25.06	1.95	29.79	2.27	34.68	2.64	40.33	3.21	49.04	3.90	59.58	4.48	68.44	5.19	79.29
1,800	0.41	6.25	0.65	9.99	0.92	14.07	1.31	19.98	1.73	26.43	2.02	30.86	2.38	36.36	2.74	41.86	3.35	51.18	4.04	61.72	4.67	71.35	5.42	82.81
1,900	0.44	6.71	0.70	10.62	0.95	14.56	1.37	20.88	1.79	27.35	2.08	31.78	2.47	37.74	2.89	44.15	3.49	53.32	4.23	64.63	4.84	73.94	5.65	86.32
2,000	0.45	6.92	0.73	11.08	0.99	15.19	1.42	21.73	1.85	28.26	2.15	32.85	2.57	39.26	2.99	45.68	3.61	55.15	4.37	66.76	5.03	76.85	5.88	89.83
2,100	0.49	7.41	0.74	11.37	1.04	15.86	1.48	22.60	1.90	29.03	2.21	33.76	2.67	40.79	3.13	47.82	3.76	57.44	4.51	68.90	5.22	79.75	6.10	93.19
2,200	0.52	7.87	0.79	12.01	1.09	16.58	1.52	23.27	1.96	29.94	2.28	34.83	2.78	42.47	3.26	49.81	3.90	59.58	4.64	70.89	5.41	82.65	6.33	96.71
2,300	0.53	8.05	0.84	12.80	1.12	17.14	1.58	24.18	2.02	30.86	2.36	36.06	2.88	44.00	3.35	51.18	4.03	61.57	4.78	73.03	5.59	85.40	6.57	100.38
2,400	0.56	8.59	0.88	13.43	1.16	17.78	1.65	25.21	2.08	31.78	2.44	37.28	2.99	45.68	3.49	53.32	4.16	63.56	4.91	75.01	5.77	88.15	6.81	104.04
2,500	0.59	8.98	0.91	13.92	1.20	18.39	1.71	26.13	2.15	32.85	2.53	38.65	3.10	47.36	3.58	54.69	4.29	65.54	5.05	77.15	5.96	91.06	7.05	107.71