



Turbine Data Sheet

	P20-SX	P60-SE	P90-RXi	P100-RX	P140-RXi	P180-Rxi	P200 RX	P300-RX	P300-RXG	P400-RX	P400-RXG
Idle RPM (1/min)	85000.00	50000.00	35000.00	40000.00	32000.00	32000.00	33000.00	35000.00	35000.00	30000.00	30000.00
Max ROM (1/min)	245000.00	165000.00	130000.00	154000.00	125000.00	126000.00	112000.00	106000.00	106000.00	98000.00	98000.00
Idle thrust (N)	0.30	1.00	3.00	2.00	6.00	6.00	9.00	14.00	14.00	13.00	13.00
Idle thrust (lbs)	0.07	0.22	0.67	0.45	1.35	1.35	2.02	3.15	3.15	2.92	2.92
Max thrust (N)	24.00	63.00	105.00	100.00	142.00	175.00	230.00	300.00	300.00	395.00	395.00
Max thrust (lbs)	5.40	14.16	23.61	22.48	31.92	39.34	51.71	67.44	67.44	88.80	88.80
EGT (°C)	690.00	730.00	690.00	720.00	720.00	750.00	750.00	750.00	750.00	750.00	750.00
EGT (°F) [calc]	1274.00	1346.00	1274.00	1292.00	1292.00	1382.00	1382.00	1382.00	1382.00	1382.00	1382.00
Pressure ratio	1.50	2.00	2.60	2.90	3.40	3.50	4.00	3.55	3.55	3.80	3.80
Mass-flow (kg/s)	0.05	0.16	0.26	0.29	0.34	0.36	0.45	0.50	0.50	0.67	0.67
Exhaust gas velocity (km/h)	1674.00	1417.50	1454.00	1565.00	1504.00	1658.00	1840.00	2160.00	2160.00	2122.00	2122.00
Exhaust gas velocity (mph)	1039.55	880.27	902.93	971.87	933.98	1029.62	1142.64	1341.36	1341.36	1317.76	1317.76
Power output (thrust) (kW)	5.60	12.40	21.20	20.80	29.70	40.30	58.78	90.00	90.00	116.40	116.40
Fuel consumption @maxRpm (ml/min)	90.00	240.00	370.00	390.00	510.00	585.00	730.00	980.00	980.00	1300.00	1300.00
Fuel consumption @maxRpm (oz/min)	3.04	8.12	12.51	13.19	17.25	19.78	24.68	33.14	33.14	43.96	43.96
Fuel consumption @idle (ml/min)	12.00	70.00	95.00	80.00	115.00	120.00	129.00	179.00	179.00	200.00	200.00
Fuel consumption @idle (floz/min)	0.41	2.37	3.21	2.71	3.89	4.06	4.36	6.05	6.05	6.76	6.76
Specific fuel consumption @ maxRpm (kg/N)	0.19	0.18	0.17	0.19	0.17	0.16	0.15	0.16	0.16	0.16	0.16
Weight (g)	350.00	845.00	1435.00	1080.00	1590.00	1530.00	2370.00	2630.00	2630.00	3550.00	3550.00
Weight (oz)	12.35	29.81	50.62	38.10	56.09	53.97	83.60	92.77	92.77	125.22	125.22
Diameter (mm)	60.00	83.00	112.00	97.00	112.00	112.00	132.00	132.00	132.00	147.00	147.00
Diameter (in)	2.36	3.27	4.41	3.82	4.41	4.41	5.20	5.20	5.20	5.79	5.79
Length (incl. Starter) (mm)	180.00	245.00	300.00	235.00	285.00	285.00	350.00	365.00	365.00	350.00	350.00
Length (incl. Starter) (in)	7.09	9.65	11.81	9.25	11.22	11.22	13.78	14.37	14.37	13.78	13.78