
















Cooling				Air Cooled										Liquid Cooled										
Fuel				Diesel																				
Key to Emissions Compliance:				       																				
EU Stage 3A only																								
USA EPA Interim Tier 4 only																								
EU Stage 3A, USA EPA Interim Tier 4																								
EU Stage 3A, India GSR 448(E)																								
EU Stage 3A, USA EPA Interim Tier 4 and India GSR 448(E).																								
Engine series				A-Series		K-Series		L-Series		T-Series			PH Classic		ALPHA				ALPHA (EPA)					
Engine model				AC1	AD1	K164	K172	LT1	LV1	TR1	TR2	TR3	PH1	PH2	LPW2	LPW3	LPW4	LPWT4	LPWS2	LPWS3	LPWS4	LPWST 4		
G build (fixed speed)				G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G		
Minimum full-load speed (r/min)				1500	1500	3000	3000	N/A	N/A	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500		
Maximum full-load speed (r/min)				3600	3000	3600	3600	3000	3000	1800	1800	1800	1800	1800	3600	3600	3600	3000	3000	3000	3000	1800		
Number of cylinders L=in-line; H=horizontal				1 L	1 L	1	1	1 L	1 L	1 L	2 L	3 L	1 L	2 L	2 L	3 L	4 L	4 L	2 L	3 L	4 L	4 L		
Bore (mm)				mm		76	80	78	86	83	86	98	98	98	87.5	87.5	86	86	86	86	86	86		
				in.		2.99	3.15	3.07	3.38	3.25	3.38	3.89	3.89	3.89	3.89	3.89	3.44	3.44	3.39	3.39	3.39	3.39	3.39	3.39
Stroke (mm)				mm		67	73	64	72	76	83	102	102	102	110	110	80	80	80	80	80	80		
				in.		2.64	2.87	2.52	2.83	3.00	3.25	4.00	4.00	4.00	4.33	4.33	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15
Displacement per cylinder				litres		0.30	0.37	0.305	0.418	0.41	0.48	0.77	0.77	0.77	0.662	1.32	0.47	0.47	0.47	0.47	0.47	0.47		
				in. ³		18.3	22.6	18.6	25.5	25.0	29.3	47.0	47.0	47.0	40.4	80.5	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
Injection: D=direct; I=indirect				Direct		Direct		Direct		Direct			Direct		Direct				Indirect					
Aspiration: N=natural; T=turbo; I=intercooled				Natural		Natural		Natural		Natural			Natural		Natural				T		Natural		T	
Starting: H=hand; R=rope; E= electric; ()=optional				H (RE)	H (RE)	H (E)	H (E)	H (E)	H (E)	H (E)	H (E)	H (E)	H (E)	H (E)	E	E	E	E	E	E	E	E	E	
Fixed Speed Builds Power Outputs to ISO 3046	1500 r/min, 50 Hz	Continuous	kW	2.1	2.5						5.5	11.0	16.8	5.5	11.0	7.5	11.3	15.0	18.9	7.5	11.3	15.0	18.9	
			bhp	2.8	3.4						7.4	14.8	22.5	7.5	15.0	10.1	15.2	20.1	25.3	10.1	15.2	20.1	25.3	
		Intermittent	kW	2.3	2.8						6.1	12.1	18.5	6.1	12.2	8.2	12.4	16.5	20.8	8.2	12.4	16.5	20.8	
			bhp	3.1	3.7						8.2	16.2	24.8	8.2	16.4	11.0	16.6	22.1	27.8	11.0	16.6	22.1	27.8	
		1800 r/min, 60 Hz	Continuous	kW	2.4	3.0						6.7	13.1	20.2	6.6	13.2	9.3	13.9	18.6	23.8	9.3	13.9	18.6	23.8
				bhp	3.2	4.0						9.0	17.6	27.1	9.0	18.0	12.5	18.6	24.9	31.9	12.5	18.6	24.9	31.9
	3000 r/min, 50 Hz	Intermittent	kW	2.7	3.3						7.4	14.4	22.2	7.3	14.6	10.2	15.3	20.3	26.2	10.2	15.3	20.3	26.2	
			bhp	3.6	4.4						9.9	19.3	29.8	9.9	19.8	13.7	20.5	27.2	35.1	13.7	20.5	27.5	35.1	
		Continuous	kW	4.5	5.3	3.35	5.18	5.6	6.7						13.4	20.1	26.8	37.5	13.4	20.1	26.8			
			bhp	6.0	7.1	4.5	6.94	7.5	9.0						18.0	26.9	35.9	50.3	18.0	26.9	36.0			
		Intermittent	kW	4.9	5.8	3.68	5.7	6.2	7.4						14.7	22.1	29.5	41.3	14.7	22.1	29.5			
			bhp	6.6	7.8	4.93	7.64	8.3	9.9						19.7	29.6	39.5	55.4	19.7	29.6	39.6			
3600 r/min, 60 Hz	Continuous	kW	4.8		3.64	5.72						14.0	21.0	28.0										
		bhp	6.5		4.88	7.67						18.8	28.1	37.5										
	Intermittent	kW	5.3		4.0	6.3						15.4	23.1	30.8										
		bhp	7.1		5.36	8.45						20.6	31.0	41.3										
Maximum dry weight [2]				kg	47.0	53.0	33	47	92	92	153	185	230	180	265	112	150	180	186	112	150	180	186	
				lb	103	117	72.6	103.4	203	203	337	408	507	396	583	247	330	396	409	247	330	396	409	
Max dimension(L=length [3], W=width, H=height)				mm	458 H	509 H	450 H	495 H	503 H	503 H	683 H	683 H	698 L	795 H	895 H	574 H	596 L	696 L	786 L	574 H	596 L	696 L	786 L	
				in.	18.0 H	20.0 H	17.72 H	19.49 H	19.8 H	19.8 H	26.9 H	26.9 H	27.5 L	31.3 H	35.2 H	22.6 H	23.5 L	27.4 L	30.9 L	22.6 H	23.5 L	27.4 L	30.9 L	




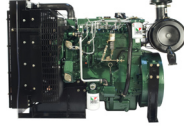
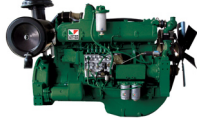
Data rounded to 3 significant figures. [1]. Denotes emissions compliant to EU Stage 2 only. [2]. Weights are net of radiator, except for GAMMA and OMEGA G-Builds. [3]. Lengths are fan to flywheel, except for GAMMA, SIGMA and OMEGA G-Builds where they include radiator. N/A = not applicable. N/D = no data available. [4]. Rating at maximum speed available.

Cooling		Liquid Cooled																				
Fuel		Diesel												Bio Diesel								
Key to Emissions Compliance:																						
EU Stage 3A only																						
USA EPA Interim Tier 4 only																						
EU Stage 3A, USA EPA Interim Tier 4																						
EU Stage 3A, India GSR 448(E)																						
EU Stage 3A, USA EPA Interim Tier 4 and India GSR 448(E).																						
Engine series		SIGMA				DELTA	GAMMA					OMEGA		ALPHA GAS		ALPHA BIO						
Engine model		SW20	SW25	SW30	SW40	DWS4	GW4	GWT4	GWT61A	GWT62A	GWT6	OWT6	OWT6	LPWG3	LPWG4	LPWS Bio 2	LPWS Bio 3	LPWS Bio 4				
G build (fixed speed)		G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G				
Minimum full-load speed (r/min)		1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500				
Maximum full-load speed (r/min)		1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800				
Number of cylinders		3 L	3 L	4 L	4 L	4 L	4 L	4 L	6 L	6 L	6 L	6 L	6 L	3 L	4 L	2 L	3 L	4 L				
L=in-line; H=horizontal																						
Bore (mm)		mm	91	105	105	105	94	100	100	100	100	126	126	86	86	86	86	86				
		in.	3.60	4.13	4.13	4.13	3.70	3.94	3.94	3.94	3.94	4.96	4.96	3.39	3.39	3.39	3.39	3.39				
Stroke (mm)		mm	127	110	110	110	120	127	127	127	127	130	130	80	80	80	80	80				
		in.	5	4.33	4.33	4.33	4.72	5.00	5.00	5.00	5.00	5.12	5.12	3.15	3.15	3.15	3.15	3.15				
Displacement per cylinder		litres	0.83	0.95	0.95	0.95	0.83	0.99	0.99	0.99	0.99	1.62	1.62	0.47	0.47	0.47	0.47	0.47				
		in. ³	50.8	58.1	58.1	58.1	50.1	60.4	60.4	60.4	60.4	98.8	98.8	28.7	28.7	28.7	28.7	28.7				
Injection:																						
D=direct; I=indirect		Direct				I	Direct					Direct		Indirect								
Aspiration: N=natural; T=turbo; I=intercooled		Natural				T	N	T	T	T	T, I	T	T, I	Natural								
Starting: H=hand; R=rope; E=electric; ()=optional		E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E				
Fixed Speed Builds Power Outputs to ISO 3046	1500 r/min, 50 Hz	Continuous	kW	21.8	25	30.9	40.5	28.7 ^[1]	40.0	65.7	84.3	92.3	121	138	200	Natural	Propane	Natural	Propane	6.9	10.4	13.8
			bhp	29.2	33.5	41.4	54.3	38.5 ^[1]	53.6	88.1	113	124	162	185	268	9.9	11.3	13.2	15.0	9.3	14.0	18.5
		Intermittent	kW	24	27.5	34	44.5	31.6 ^[1]	44.0	72.3	92.7	102	134	152	220	10.9	12.4	14.5	16.5	7.5	11.4	15.2
			bhp	32.1	36.9	45.6	59.6	42.3 ^[1]	59.0	96.9	124	137	180	204	295	14.6	16.6	19.5	22.1	10.1	15.3	20.3
	1800 r/min, 60 Hz	Continuous	kW	25.2	30.6	36	45	33.2	44.4	75.6	97.6	108	134	154	235	12.3	15.0	16.4	18.6	8.6	12.8	17.1
			bhp	33.8	41	48.3	60.3	44.5	59.0	101	131	145	180	206	315	16.5	20.1	22.0	18.6	11.5	17.1	22.9
		Intermittent	kW	27.7	33.7	39.6	49.5	36.5	48.4	83.2	107	119	147	169	258	13.6	16.5	18.1	20.5	9.4	14.1	18.7
			bhp	37.2	45.1	53.1	66.4	48.9	64.9	112	144	160	197	226	346	18.2	22.1	24.2	27.5	12.6	18.9	25.3
Maximum dry weight ^[2]		kg	340	415	450	460	245	409	550	780	780	730	850	880	150	180	112	150	180			
		lb	750	915	992	1013	539	902	1213	1719	1719	1609	1874	1938	330	396	247	330	396			
Max dimension (L=length ^[3] ; W=width, H=height)		mm	947 L	1065	1160 L	1160 L	781 L	1300 L	1250 L	1540 L	1540 L	1650 L	1823 L	1963 L	596 L	696 L	574 H	596 L	696 L			
		in.	37.3 L	41.9	45.7 L	45.7	30.7 L	52.0 L	49.0 L	60.6 L	60.6 L	65.0 L	71.8 L	77.3 L	23.5 L	27.4 L	22.6 H	23.5 L0	27.4 L			

Data rounded to 3 significant figures. [1]. Denotes emissions compliant to EU Stage 2 only. [2]. Weights are net of radiator, except for GAMMA and OMEGA G-Builds. [3]. Lengths are fan to flywheel, except for GAMMA, SIGMA and OMEGA G-Builds where they include radiator. N/A = not applicable. N/D = no data available. [4]. Rating at maximum speed available.

Cooling			Air Cooled									Liquid Cooled							
Fuel			Diesel																
Key to Emissions Compliance:																			
EU Stage 3A only																			
USA EPA Interim Tier 4 only																			
EU Stage 3A, USA EPA Interim Tier 4																			
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EU Stage 3A, USA EPA Interim Tier 4 and India GSR 448(E)																			
																			
			AC1	K172	LT1	TR2	PH1	LPW3	LPWT4										
Engine series			A-Series		K-Series		L-Series		T-Series			PH Classic		ALPHA					
Engine model			AC1	AD1	K164	K172	LT1	LV1	TR1	TR2	TR3	PH1	PH2	LPW2	LPW3	LPW4	LPWT4		
V build (=variable speed)			V	V	V	V	V	V	V	V	V	V	V	V	V	V	V		
Minimum full-load speed (r/min)			1500	1500	2000	2000	1000	1000	1500	1500	1500	1500	1500	1500	1500	1500	1500		
Maximum full-load speed (r/min)			3600	3600	3600	3600	3000	3000	2500	2500	2500	1800	1800	3600	3600	3600	3000		
Number of cylinders L=in-line; H=horizontal			1 L	1 L	1	1	1 L	1 L	1 L	2 L	3 L	1L	2L	2 L	3 L	4 L	4 L		
Bore (mm)			mm	76	80	78	86	83	86	98	98	98	87.5	87.5	86	86	86	86	
			in.	2.99	3.15	3.07	3.38	3.25	3.38	3.89	3.89	3.89	3.44	3.44	3.39	3.39	3.39	3.39	
Stroke (mm)			mm	67	73	64	72	76	83	102	102	102	110	110	80	80	80	80	
			in.	2.64	2.87	2.52	2.83	3.00	3.25	4.00	4.00	4.00	4.33	4.33	3.15	3.15	3.15	3.15	
Displacement per cylinder			litres	0.30	0.37	0.305	0.418	0.41	0.48	0.77	0.77	0.77	0.662	1.32	0.47	0.47	0.47	0.47	
			in. ³	18.3	22.6	18.6	25.5	25.0	29.3	47.0	47.0	47.0	40.4	80.5	28.7	28.7	28.7	28.7	
Injection: D=direct; I=indirect			Direct		Direct		Direct		Direct			Direct		Direct					
Aspiration: N=natural; T=turbo; I=intercooled			Natural		Natural		Natural		Natural			Natural		Natural		T			
Starting: H=hand; R=rope; E=electric; 0=optional			H (RE)	H (RE)	R (E)	R (E)	H (E)	H (E)	H (E)	H (E)	H (E)	H (E)	H (E)	E	E	E	E		
Variable Speed Builds Outputs to ISO 3046	1500 r/min	Continuous	kW	2.1	2.5			3.0	3.5	5.5	11.0	16.8	5.5	11.0	6.8	10.3	13.6	20.7	
			bhp	2.8	3.4			4.0	4.8	7.4	14.8	22.5	7.5	15.0	9.1	13.8	18.2	27.7	
			kW	2.3	2.8			3.3	3.9	6.1	12.1	18.5	6.1	12.2	7.5	11.3	15.0	22.3	
		Intermittent	bhp	3.1	3.7			4.4	5.2	8.2	16.2	24.8	8.2	16.4	10.0	15.1	20.1	29.9	
			kW	2.4	2.4			3.6	4.3	6.7	13.1	20.2	6.6	13.2	8.5	12.8	17.0	26.4	
			bhp	3.2	3.2			4.8	5.8	9.0	17.6	27.1	9.0	18.0	11.4	17.2	22.7	35.3	
	1800 r/min	Continuous	kW	2.7	3.3			4.0	4.7	7.4	14.4	22.2	7.3	14.6	9.4	14.1	18.7	28.5	
			bhp	3.6	4.4			5.3	6.3	9.9	19.3	29.8	9.9	19.8	12.6	18.9	25.1	38.2	
			kW	2.8	3.4	2.12	3.18	4.0	4.8	7.3	14.5	22.2			9.6	14.5	19.3	28.7	
		Intermittent	bhp	3.8	4.6	2.84	4.27	5.4	6.4	9.8	19.4	29.8			12.9	19.4	25.9	38.5	
			kW	3.1	3.7	2.33	3.50	4.4	5.3	8.0	16.0	24.4			10.6	15.9	21.2	31.0	
			bhp	4.2	5.0	3.12	5.69	5.9	7.0	10.7	21.5	32.7			14.2	21.3	28.4	41.5	
	2000 r/min	Continuous	kW	3.7	4.3	2.75	2.54	4.28	3.95	5.0	5.8	8.6	17.3	25.9	11.8	17.7	23.6	34.3	
			bhp	5.0	5.8	3.69	3.35	5.74	5.3	6.7	7.8	11.5	23.2	34.7	15.8	23.7	31.6	46.0	
			kW	4.1	4.8	3.02	2.80	4.69	4.35	5.5	6.4	9.5	19.0	28.5	13.0	19.5	26.0	36.7	
		Intermittent	bhp	5.5	6.4	4.05	3.68	6.29	5.84	7.4	8.6	12.7	25.5	38.2	17.4	26.1	34.8	49.1	
			kW	4.5	5.3	3.34	3.07	5.18	4.92	5.6	6.7				13.4	20.1	26.8	37.5	
			bhp	6.0	7.1	4.47	4.12	6.95	6.59	7.5	9.0				18.0	27.0	35.9	50.2	
	2500 r/min	Continuous	kW	4.9	5.8	3.68	3.38	5.70	5.41	6.2	7.4				14.7	22.1	29.5	40.2	
			bhp	6.6	7.8	4.92	4.53	7.64	7.25	8.3	9.9				19.7	29.6	39.5	53.9	
			kW				3.64	5.72											
		Intermittent	bhp				4.88	7.68											
			kW				4.0	6.30											
			bhp				5.36	8.44											
3000 r/min	Continuous	Nm	15.7	18.6	11.77	18.36	21.0	25.0	39.2	77.0	118	38.8	77.7	50.6	75.9	102	151		
		lbf ft	11.6	13.7	8.65	13.5	15.5	18.5	28.9	56.8	86.9	28.6	57.3	37.3	56.0	75.1	112		
		Max. BMEP (bar)	5.3	5.8	4.83	5.90	6.0	6.2	5.9	5.9	5.9	7.37	7.40	6.4	6.4	6.4	8.9		
	Maximum dry weight ^[2]	kg	47.0	53.0	33	47	92	92	153	185	230	180	265	112	150	180	186		
		lb	103	117	72.6	103.4	203	203	337	408	507	396	583	247	330	396	409		
		Max dimension(L=length ^[3] , W=width, H=height)	mm	458 H	509 H	450 H	495 H	503 H	503 H	683 H	683 H	698 L	795 H	895 H	574 H	596 L	696 L	786 L	
	in.	18.0 H	20.0 H	17.72	19.49	19.8 H	19.8 H	26.9 H	26.9 H	27.5 L	31.3H	35.2H	22.6 H	23.5 L	27.4 L	30.9 L			

Data rounded to 3 significant figures. 1. Denotes emissions compliant to EU Stage 2 only. 2. Weights are net of radiator, except for GAMMA and OMEGA G-Builds. 3. Lengths are fan to flywheel, except for GAMMA, SIGMA and OMEGA G-Builds where they include radiator. N/A = not applicable. N/D = no data available. 4. Rating at maximum speed available. 5. SW30 V/S Engine bore is 102mm.

Cooling				Liquid Cooled													
Fuel				Diesel													
Key to Emissions Compliance:																	
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USA EPA Interim Tier 4 only																	
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				 LPWS4			 SW20			 DWS4		 GWT A6			 OWT A6		
Engine series				Alpha (EPA)			SIGMA			DELTA	GAMMA				OMEGA		
Engine model				LPWS2	LPWS3	LPWS4	SW20	SW25	SW30	DWS4	GW4	GWT4	GWT62A	GWT A6	OWT6	OWT A6	
V build (=variable speed)				V	V	V	V	V	V	V	V	V	V	V	V	V	
Minimum full-load speed (r/min)				1500	1500	1500	1500	1500	1500	1200	1500	1500	1500	1500	1100	1100	
Maximum full-load speed (r/min)				3000	3000	3000	2000	2200	2200	2500	2200	2200	2200	2200	2200	2200	
Number of cylinders L=in-line; H=horizontal				2L	3L	4L	3L	3L	4L	4 L	4 L	4 L	6 L	6 L	6 L	6 L	
Bore (mm)				mm	86	86	86	91	105	105 ⁵	94	100	100	100	100	126	126
				in.	3.39	3.39	3.39	3.60	4.13	4.13	3.70	3.94	3.94	3.94	3.94	4.96	4.96
Stroke (mm)				mm	80	80	80	127	110	110	120	127	127	127	127	130	130
				in.	3.15	3.15	3.15	5	4.33	4.33	4.72	5.00	5.00	5.00	5.00	5.12	5.12
Displacement per cylinder				litres	0.47	0.47	0.47	0.83	0.95	0.95	0.83	0.99	0.99	0.99	0.99	1.62	1.62
				in. ³	28.7	28.7	28.7	50.8	58.1	58.1	50.1	60.4	60.4	60.4	60.4	98.8	98.8
Injection: D=direct; I=indirect)				Indirect			Direct			I	Direct				Direct		
Aspiration: N=natural; T=turbo; I=intercooled				Natural			Natural			N	N	T	T	T, I	T	T, I	
Starting: H=hand; R=rope; E= electric; ()=optional				E	E	E	E	E	E	E	E	E	E	E	E	E	
Variable Speed Builds Outputs to ISO 3046	1500 r/min	Continuous	kW	7.4	11.1	14.7	21.8	26.4	30.9	28.7	36.4	54.5	76.4	92.7	138	203	
		Intermittent	bhp	9.9	14.9	19.7	29.3	35.4	44.2	38.5	48.7	73.1	102	124	185	272	
	1800 r/min	Continuous	kW	8.1	12.2	16.2	24.0	29.0	34.0	31.6	40	60	84	102	152	223	
		Intermittent	bhp	10.9	16.4	21.7	32.2	38.9	48.6	42.4	53.6	80.4	112.6	138	204	299	
	2000 r/min	Continuous	kW	9.1	13.6	18.2											
		Intermittent	bhp	12.2	18.2	24.4											
	2500 r/min	Continuous	kW	10.0	15.0	20.0											
		Intermittent	bhp	13.4	20.1	26.8											
	3000 r/min	Continuous	kW	10.1	15.2	20.2	26.1	32.2	36.4	36.6	39.0	61.8	89.1	109.5	160	238	
		Intermittent	bhp	13.5	20.4	27.0	35.0	43.2	48.7	49.1	52.4	82.8	119.4	146.8	214	319	
	3000 r/min	Continuous	kW	11.1	16.7	22.2	28.7	35.4	40.0	40.3	43	68	98.0	120.5	176	262	
		Intermittent	bhp	14.9	22.3	30.0	38.5	47.5	53.6	54.0	57.6	91.1	131.3	161.5	236	351	
3000 r/min	Continuous	kW	12.2	18.3	24.4	N/A	33.1 ^[4]	38.2 ^[4]	44.1	43.6 ^[4]	65.6 ^[4]	90.9 ^[4]	113 ^[4]	160 ^[4]	244 ^[4]		
	Intermittent	bhp	16.3	24.5	32.7	N/A	44.4 ^[4]	51.2 ^[4]	59.1	58.5 ^[4]	85.3 ^[4]	121.8 ^[4]	151 ^[4]	214 ^[4]	327 ^[4]		
3000 r/min	Continuous	kW	13.4	20.1	26.8		36.4 ^[4]	42.0 ^[4]	48.5	48.0 ^[4]	70.0 ^[4]	100.0 ^[4]	124 ^[4]	176 ^[4]	268 ^[4]		
	Intermittent	bhp	18.0	26.9	35.9		48.8 ^[4]	56.3 ^[4]	65.0	64.3 ^[4]	93.8 ^[4]	134.0 ^[4]	166 ^[4]	236 ^[4]	358 ^[4]		
Max. torque (V-build only)				Nm	53.1	79.7	106	149	185	215	201.2	253	380	532	645	985	1471
				lbf ft	39.2	58.8	78.3	110	136	158	148	188	281	394	475	727	1085
Max. BMEP (bar)				6.4	6.4	6.4	7.0	7.0	6.5	7.6	7.21	11.9	11.18	13.5	9.1	14.9	
Maximum dry weight ^[2]				kg	112	150	180	340	415	450	245	409	550	710	760	850	900
				lb	247	330	396	750	915	992	539	902	1213	1562	1672	1874	1984
Max dimension(L=length ^[3] , W=width, H=height)				mm	574 H	596 L	696 L	947L	1065	1160L	781 L	1260 L	1250 L	1600 L	1610 L	1750 L	1950 L
				in.	22.6 H	23.5 L	27.4 L	37.3L	41.9	45.7L	30.7 L	49.6 L	49.0 L	63.0 L	63.4L	69.0L	76.9 L

Data rounded to 3 significant figures. [1]. Denotes emissions compliant to EU Stage 2 only. [2]. Weights are net of radiator, except for GAMMA and OMEGA G-Builds. [3]. Lengths are fan to flywheel, except for GAMMA, SIGMA and OMEGA G-Builds where they include radiator. N/A = not applicable. N/D = no data available. [4]. Rating at maximum speed available. [5]. SW30 V/S Engine bore is 102mm.