Cooling				LIQUID							
Engine Series				STARLITE							
Engine Model				SA315G2	SA423G1	SA427G1	SA430G1	SA432G1	SA432G2	SA435G1	SA441G1	SA441G2
Minimum Full-load Speed (r/min)				1500	1500	1500	1500	1500	1500	1500	1500	1500
Maximum Full-load Speed (r/min)				1800	1800	1800	1800	1800	1800	1800	1800	1800
Number of Cylinders L=in-line; H=horizontal				3L	4L	4L	4L	4L	4L	4L	4L	4L
Bore			mm	85	85	90	95	98	98	98	105	105
			in	3.3	3.3	3.5	3.7	3.9	3.9	3.9	4.1	4.1
Stroke			mm	90	100	105	105	105	105	115	118	118
			in	3.5	3.9	4.1	4.1	4.1	4.1	4.5	4.6	4.6
Displacement			litres	1.5	2.3	2.7	3.0	3.2	3.2	3.5	4.1	4.1
			in³	91.5	138.5	164.8	183.1	195.3	195.3	213.6	250.2	250.2
Governor				Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
Injection				Direct	Direct	Direct	Direct	Direct	Direct	Direct	Direct	Direct
Aspiration				Natural	Natural	Natural	Natural	Natural	Turbo	Turbo	Turbo	Turbo, Intercooler
Starting: H=hand; R=Rope; E=electric ( )=optional				Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric
Firing Order				1-3-2	1-3-4-2	1-3-4-2	1-3-4-2	1-3-4-2	1-3-4-2	1-3-4-2	1-3-4-2	1-3-4-2
Compression Ratio				18.0:1	18.0:1	18.5:1	18.5:1	18.5:1	18.5:1	18.5:1	18.0:1	18.0:1
Max Operating Temp				52°C (122°F)	52°C (122°F)	52°C (122°F)	52°C (122°F)	52°C (122°F)	52°C (122°F)	52°C (122°F)	52°C (122°F)	52°C (122°F)
Sound Pressure Level at 1m dB(A)				≤98	≤98	≤98	≤ 98	≤98	≤100	≤100	≤100	≤ 100
Fixed Speed Builds	Power Outputs to ISO 3046	1500 r/min, 50 Hz	Prime	kW	10	16	20.5	24.5	30.5	39	49	59	64
				PS	13.4	21.4	27.5	32.8	40.9	52.3	65.7	79.1	85.8
			Standby	kW	11	18	23	27	34	44	54	65	70
				PS	14.7	24.1	30.8	36.2	45.6	59.0	72.4	87.1	93.8
		1800 r/min, 60 Hz	Prime	kW	12	20	24.5	27.5	38	42	59	70	76
				PS	16.1	26.8	32.8	36.9	50.9	56.3	79.1	93.8	101.8
			Standby	kW	13.2	22	27	30	42	46	65	77	83
				PS	17.7	29.5	36.2	40.2	56.3	61.6	87.1	103.2	111.2
Weight				kg	180	245	297	302	302	312	324	418	428
				lb	396	539	653	664	664	686	713	920	942
Length				mm	886	1030	1155	1155	1155	1155	1063	1233	1233
				in	34.6	40.2	45.0	45.0	45.0	45.0	41.5	48.1	48.1
Width				mm	590.5	590	670	670	670	670	670	770	770
				in	23.0	23.0	26.1	26.1	26.1	26.1	26.1	30.0	30.0
Height				mm	750	765	845	845	845	845	945	988	988
				in	29.3	29.8	33.0	33.0	33.0	33.0	36.9	38.5	38.5

SA315G2

SA423G1

SA427G1

SA432G1/2

SA435G1

SA441G1/2

Built on a legacy,focused on the future

Cooling				AIR			LIQUID				
Engine Series				T			ALPHA			ALPHA MAX	
Engine Model				TR1	TR2	TR3	LPW2	LPW3	LPW4	LPW4	LPW3X2	LPW3X3	LPW3X4
Minimum Full-load Speed (r/min)				1500			1500				1500		
Maximum Full-load Speed (r/min)				1800			3600			3000	3600		
Number of Cylinders L=in-line; H=horizontal				1L	2L	3L	2L	3L	4L	4L	2L	3L	4L
Bore			mm	98.4			86.0				86.0		
			in	3.87			3.39				3.39		
Stroke			mm	101.6			80.0				86.0		
			in	4.00			3.15				3.39		
Displacement			litres	0.773	1.546	2.319	0.930	1.395	1.86	1.86	0.999	1.499	1.998
			in³	47.2	94.3	141.5	56.8	85.1	113.5	113.5	61.0	91.4	121.9
Injection				Direct			Direct				Direct		
Aspiration				Natural			Natural			Turbo	Natural		
Starting: H=hand; R=Rope; E=electric ( )=optional				Hand (Electric)			Electric				Electric		
Firing Order				1	1-2	1-2-3	1-2	1-2-3	1-3-4-2		1-2	1-2-3	1-3-4-2
Compression Ratio				15.5 : 1			18.5 : 1			16.2 : 1	19.5 : 1		
Max Operating Temp				40° C (104° F)			52° C (122° F)						
Sound Pressure Level at 1m dB(A)				≤96	≤95		≤93	≤93	≤95	≤88	≤93	≤92	≤ 95
Fixed Speed Builds	Power Outputs to ISO 3046	1500 r/min, 50 Hz	Prime	kW	5.5	11.0	16.8	7.5	11.3	15.0	18.9	8.6	12.9	16.9
				PS	7.4	14.8	22.5	10.1	15.2	20.1	25.3	11.5	17.3	22.6
			Standby	kW	6.1	12.1	18.5	8.2	12.4	16.5	20.9	9.4	14.1	18.5
				PS	8.2	16.2	24.8	11.0	16.6	22.1	28.1	12.6	18.9	24.8
		1800 r/min, 60 Hz	Prime	kW	6.7	13.1	20.2	9.3	13.9	18.6	24.2	10.6	15.8	20.9
				PS	9.0	17.6	27.1	12.5	18.6	24.9	32.4	14.2	21.2	28.0
			Standby	kW	7.4	14.4	22.2	10.2	15.3	20.3	26.9	11.6	17.0	23.0
				PS	9.9	19.3	29.8	13.7	20.5	27.2	36.0	15.5	22.8	30.8
		3000 r/min, 50 Hz	Prime	kW	/	/	/	13.4	20.1	26.8	33.7	14.7	22.1	29.5
				PS	/	/	/	18.0	26.9	35.9	45.2	19.7	29.6	39.5
			Standby	kW	/	/	/	14.7	22.1	29.5	37.5	16.1	24.3	32.4
				PS	/	/	/	19.7	29.6	39.5	50.3	21.6	32.6	43.6
		3600 r/min, 60 Hz	Prime	kW	/	/	/	12.7	19.1	25.4	/	14.5	21.5	28.0
				PS	/	/	/	17.0	25.6	34.1	/	19.4	28.8	37.5
			Standby	kW	/	/	/	14.0	21.0	28.0	/	16.0	23.7	30.8
				PS	/	/	/	18.8	28.1	37.5	/	21.5	31.8	41.3
Weight				kg	153	185	230	158	179	219	224	158	179	219
				lb	337	408	507	348	395	483	494	348	395	483
Length				mm	444	571	698	699	809	909	930	699	809	909
				in	17.5	22.5	27.5	27.5	31.9	35.8	36.6	27.5	31.9	35.8
Width				mm	521			512			565	512		
				in	20.5			20.2			22.2	20.2		
Height				mm	683			647	685		647	685		
				in	26.9			25.5	27.0		25.5	27.0		

TR2

TR3

LPW3

LPW4

Built on a legacy,focused on the future

Lister Petter Engine Company Limited

E-mail: enquiry@listerpetter.com | Web: www.listerpetter.com|
Address: Rutland House, Minerva Business Park, Lynch Wood, Peterborough, PE2 6PZ.

Released in September 2025

UK DESIGNED IN UK

G DRIVE ENGINE RANGE GUIDE

Built on a legacy
focused on the future

Since1865

| Cooling | | |