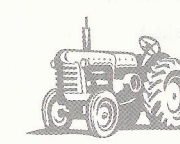
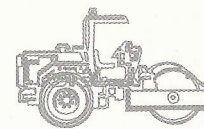


MODEL		SC108	SC213	S213TAA	S217	S325	TSJ327	S433	SVJ326V	TSJ 436	ST440
Capacity	Max Rating	12.6 kW (17 PS @ 2800 rpm)	18.6 kW (25 bhp @ 2500 rpm)	26.1 kW (35 bhp @ 2500 rpm)	17.8 kW (24 bhp @ 2000 rpm)	35 kW (47 bhp @ 2250 rpm)	42.6 kW (58 PS @ 2200 rpm)	35.7 kW (48 bhp @ 2200 rpm)	62.5 kW (85 PS @ 2200 rpm)	58.8 kW (80 PS @ 2200 rpm)	74.9 kW (100.5 bhp @ 2200 rpm)
	Intermittent Rating		14.9 kW (20 bhp @ 2000 rpm)	23.1 kW (31 bhp @ 2800 rpm)	16.4 kW (22 bhp @ 1800 rpm)	31.3 kW (42 bhp @ 2000 rpm)	33.5 kW (45 bhp @ 1800 rpm)	33.5 kW (45 bhp @ 1800 rpm)	55.1 kW (75 PS @ 2200 rpm)	54.7 kW (74.5 PS @ 2200 rpm)	66.3 kW (89 bhp @ 2200 rpm)
	Constant Speed	6 kW (8 PS @ 1500 rpm)	11 kW (16 PS @ 1500 rpm)	17.1 kW (23 bhp @ 1500 rpm)	14.9 kW (20 bhp @ 1500 rpm)	23.4 kW (31.5 bhp @ 1500 rpm)	28.7 kW (38.5 bhp @ 1800 rpm)	30.9 kW (41.5 bhp @ 1500 rpm)	-	49.9 kW (67 bhp @ 1500 rpm)	58.1 kW (79 PS @ 1500 rpm)
Type / Configuration		Vertical In-line	Vertical In-line	Vertical In-line	Vertical In-line	Vertical In-line	Vertical In-line	Vertical In-line	Vertical In-line	Vertical In-line	Vertical In-line
Bore		100 mm	95 mm	95 mm	91.44 mm	91.44 mm	95 mm	91.44 mm	93 mm	95 mm	100 mm
Stroke		95 mm	91 mm	91 mm	127 mm	127 mm	127 mm	127 mm	127 mm	127 mm	127 mm
No. of Cylinder		1	2	2	2	3	3	4	3	4	4
Displacement		725 cc	1290 cc	1290 cc	1670 cc	2500 cc	2700 cc	3330 cc	2600 cc	3600 cc	4000 cc
Compression Ratio		17.5	18:1	18:1	18.5:1	18.5:1	18.8:1	18.5:1	17:1	18.3:1	16.5:1
Cycle		4 stroke	4 stroke	4 stroke	4 stroke	4 stroke	4 stroke	4 stroke	4 stroke	4 stroke	4 stroke
Rotation		Clockwise (Viewed from front)	Clockwise (Viewed from front)	Clockwise (Viewed from front)	Clockwise (Viewed from front)	Clockwise (Viewed from front)	Clockwise (Viewed from front)	Clockwise (Viewed from front)	Clockwise (Viewed from front)	Clockwise (Viewed from front)	Clockwise (Viewed from front)
Aspiration		NA	NA	TCIC	NA	NA	TC / TCIC	NA	TCIC	TC / TCIC	TC
Combustion System		Direct Injection	Direct Injection	Direct Injection	Direct Injection	Direct Injection	Direct Injection	Direct Injection	Direct Injection	Direct Injection	Direct Injection
Fuel Pump		Bosch	In-line	In-line	In-line	In-line / VE - Rotary	VE - Rotary	In-line	VE - Rotary / Common Rail	VE - Rotary	VE - Rotary / In-line
Governing		Electronic / Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Electronic	Mechanical	Mechanical
Engine Starting System		Electrical	Electrical	Electrical	Electrical	Electrical	Electrical	Electrical	Electrical	Electrical	Electrical
Cooling System		Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Electrical System		12 Volts	12 Volts	12 Volts	12 Volts	12 Volts	12 Volts	12 Volts	12 Volts	12 Volts	12 Volts
Flywheel Housing		-	SAE 4	SAE 4	SAE 1 or SAE 3	SAE 1 or SAE 3	SAE 1 or SAE 3	SAE 1 or SAE 3	SAE 1 or SAE 3	SAE 1 or SAE 3	SAE 1 or SAE 3
Flywheel		Can be made to suit application	Can be made to suit application	Can be made to suit application	Can be made to suit application	Can be made to suit application	Can be made to suit application	Can be made to suit application	Can be made to suit application	Can be made to suit application	Can be made to suit application
Mass Emission	Tractor	Approval in Process for Trem IIIA	Trem IIIA	Trem IIIA	Trem IIIA	Trem IIIA	Trem IIIA	-	TIER IIIA CAPABLE	TREM IIIA	Non Emission
	Industrial	-	BS III (CEV)	BS III (CEV)	BS III (CEV)	BS III (CEV)	BS III (CEV)	BS III (CEV)	BS III (CEV) CAPABLE	BS III (CEV)	Non Emission
	Global	-	TIER 4 F EU STAGE IIIB	TIER 4 INT EU STAGE IIA	EPA Tier 4 INT for Constant Speed	EPA TIER 4 INT / EU STAGE IIIA for Constant Speed	TIER 4 INT EU STAGE IIIA	EU STAGE IIIA for Constant Speed	TIER 4 EU STAGE IIIB	TIER 4 INT EU STAGE IIIA	EU Stage II
Weight (*Bare Engine)		75 kg*	165 kg*	170 kg*	200 kg*	210 kg*	215 kg*	230 kg*	270 kg*	270 kg*	279 kg*
Length x Width x Height (*Bare Engine)		450 x 350 x 750 mm*	512 x 552 x 663 mm*	495 x 475 x 685 mm*	489 x 536 x 756 mm*	585 x 560 x 760 mm*	575 x 580 x 805 mm*	665 x 485 x 730 mm*	675 x 625 x 875 mm*	696 x 539 x 797 mm*	711 x 614 x 767 mm*

*(without Fan, Flywheel, Flywheel Housing, Starter Motor)



Major OEMs : ACE, ADOR, Apollo, Atlas Copco, Britannia, Claas, Cummins, Escorts Construction, ESAB, Godrej, ITL, JCB, Jessop, Larsen & Toubro, New Holland, Schwing Stetter, Speedcrafts, Sur Iron, TAFE, Telcon, Terex, TMTL, Universal, Vectra, Voltas, Wilson etc.

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