



## MARINE ENGINE

# SK-60

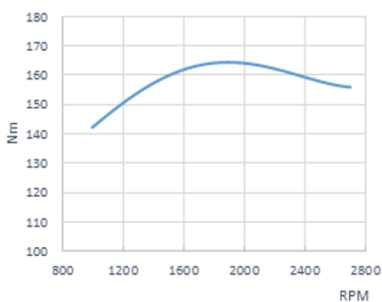
4 cilindros en línea 60.0 CV (44 kW) 2700 R. P. M.

### Technical specifications

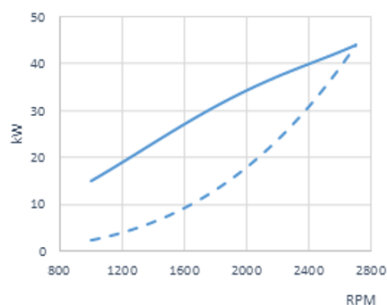
Base engine manufacturer	Kubota
Type	Diesel, 4 stroke
Number of cylinders	4, in line
Intake system	Turbocharged
Bore x Stroke	87 mm x 102.4 mm (3.43 in x 4.03 in)
Total displacement	2434 cc
Compression ratio	22,5:1
Intermittent powerSN_ (ISO3046/1)	60.0 CV (44 kW)
Continuous power	54.0 CV (39.6 kW)
Max RPM	2700
Injection system	Mechanical and indirect
Starter motor	12 V (2 kW)
Alternator	120 A (12 V)
Maximum operating angle	20 °
Rotation (viewed from flywheel side)	Counterclockwise
Cooling system	Sea water heat exchanger and coolant closed circuit
Dry weight without gearbox	218 Kg (480.6 lb)
Sea water hose inner diameter	32 mm (1.26 in)
Fuel feeding hose inner diameter	8 mm (0.31 in)
Fuel return hose inner diameter	5 mm (5 in)
Exhaust hose inner diameter	60 mm (2.36 in)
Certifications and emissions	-
Emission compliance	EU: RCD II (DIR. 2013/53/EU)

### Performance curves

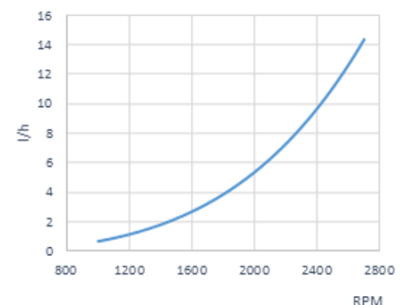
Crankshaft torque



Power (ISO 3046/1)



Fuel consumption



## Panel



Dimensions: 180 x 140mm

### Panel SSG 20 12V BLANCO Standard

Revolution counter with multifunction display  
Coolant temperature and oil pressure indicator  
Voltage indicator and battery charge fault  
High coolant temperature alarm  
Low oil pressure alarm  
Preheating indicator  
Front IP65 protection and anti-fog glass  
5-position key



Dimensions: 255 x 160mm

### Panel SSG 30 12V BLANCO Optional

Revolution counter with multifunction display  
Coolant temperature and oil pressure gauge  
Voltage indicator and battery charge fault  
High coolant temperature alarm  
Low oil pressure alarm  
Preheating indicator  
Front IP65 protection and anti-fog glass  
5-position key

## Accessories

### Standard equipment

Instrument panel SSG 20  
4 m electrical extension lead  
Silentblocks  
Oil extraction pump  
Owner's manual and spare parts manual

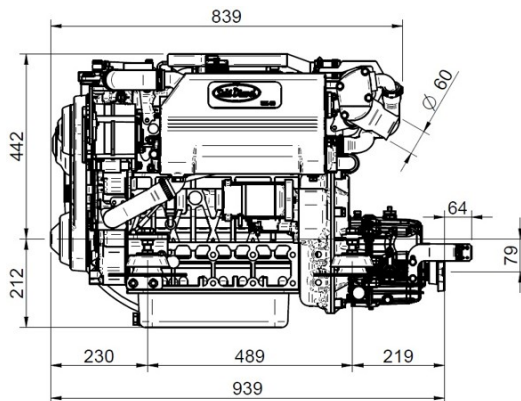
### Optional equipment & kits

SSG 30 panel  
Twin instrument panel installation  
Twin alternator  
Earth isolated electrical system  
Dry exhaust system  
Keel cooling  
Power takeoff shaft or pulley  
Heater inlet  
Drivetrain: propeller, shaft, stern tube  
Water and fuel filters  
Water, exhaust and diesel fuel hoses

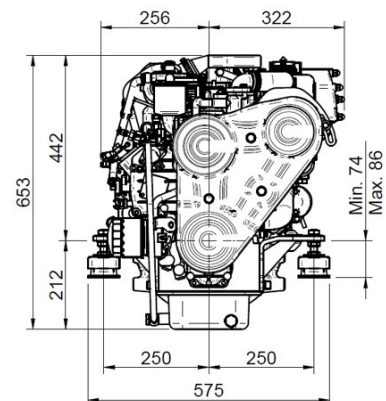
## Gearboxes

Model	Type	Output °	Reductions (light Duty)	Reductions (heavy Duty)	Engine weight with gearbox
SP 60	Mechanical	0°	-	-	264 Kg (583 Lbs)
TM-345	Hydraulic	0°	1.54:1-2.00:1-2.47:1	1.54:1-2.00:1	246 Kg (543 Lbs)
TM-345A	Hydraulic	8°	1.54:1-2.00:1-2.47:1	1.54:1-2.00:1	246 Kg (543 Lbs)
TM-93	Hydraulic	0°	1.51:1-2.09:1-2.40:1-2.77:1	1.51:1-2.09:1-2.40:1-2.77:1	275 Kg (606 Lbs)
TM-93A	Hydraulic	8°	1.51:1-2.09:1-2.40:1	1.51:1-2.09:1-2.40:1	275 Kg (606 Lbs)
TMC-260	Mechanical	0°	1.54:1-2.00:1-2.47:1-2.88:1	1.54:1-2.00:1	239 Kg (527 Lbs)
TMC-60P	Mechanical	0°	1.55:1	-	235 Kg (518 Lbs)
ZF 68 IV	Hydraulic	12°	1.56:1-2.00:1	1.56:1-2.00:1	284 Kg (626 Lbs)

## Dimensions



SK-60 Engine TMC-60P 2.00:1 Gbox



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