



KOBELCO

SK180N-11E

Operating weight:

19.200 - 20.100 kg

Engine power:

100 kW / 2,000 min-1 (ISO 14396)

Bucket capacity:

0,63 m³

ENGINE

Model

YANMAR 4TN107FHT

Type

Direct injection, water-cooled, 4-cycle diesel engine with turbocharger, intercooler, EU Stage V compliant

Fuel tank

280 L

Displacement

4.567 L

Engine power

100 kW / 2.000 min-1 (ISO 14396)

HYDRAULIC SYSTEM

Type

Axial piston pumps + extra gear pump + pilot gear pump

Max. discharge flow

2 x 160 L/min, 1 x 41,2 L/min, 1 x 20 L/min

Relief valve setting

34,3 MPa (boom, arm and bucket)

Hydraulic oil tank

122 L tank oil level, 200 L hydraulic system

DIGGING FORCE

Bucket digging force (standard)

114 / 126* kN

Arm crowding force (standard)

82,3 / 90,6* kN

Arm crowding force (extensive)

71,7 / 78,8* kN

Standard arm length

2,60 m

Extensive arm length

3,10 m

* Power Boost engaged.

TRAVEL SYSTEM

Travel motors

2 x axial-piston, two-step motors

Travel shoes

45 each side

Travel speed

4,5 / 2,7 km/h

Swing speed

12,6 min-1

Drawbar pulling force

230 kN (SAE)