

E16E3 | Excavators

Specifications

Weights

Operating weight with canopy and bucket (ISO 6016)	1612 kg
Transport mass (no attachment)	1495 kg
Additional weight for cab with heating	99 kg
Additional weight for long dozer blade	12 kg
Ground pressure with rubber tracks	27.70 kPa

Engine

Make / model	Yanmar / 3TNV70-SBC1 (Stage V)
Fuel	Diesel
Number of cylinders	3
Displacement	854 cm ³
Maximum power @ 2200 rpm (ISO 14396)	10.1 kW
Maximum torque @ 1600 rpm (SAE J1995)	49.8 Nm

Hydraulic System

Pump type	Single outlet variable displacement, load sensing torque pump
Pump capacity @ 2200 rpm	44.00 L/min
Auxiliary flow	30.00 L/min
Auxiliary relief	180.0 bar

Performance

Digging force, dipperstick (ISO 6015)	11920 N
Digging force, bucket (ISO 6015)	14550 N
Drawbar pull	18965 N
Travel speed, low range	2.0 km/h
Travel speed, high range	4.0 km/h

Slew System

Boom swing, left	80.0°
Boom swing, right	60.0°
Slew rate	9.3 RPM

Fluid Capacities

Fuel reservoir	21.20 L
Hydraulic reservoir	14.30 L

Environmental

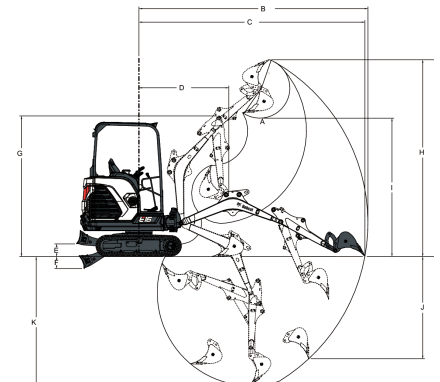
Noise level LpA(EU Directive 2006/42/EC)	80 dB(A)
Noise level LWA(EU Directive 2000/14/EC)	93 dB(A)
Whole body vibration (ISO 2631-1)	0.24 ms ⁻²
Hand-arm vibration (ISO 5349-1)	0.52 ms ⁻²

Standard Features

230 mm rubber track	Hydraulic joystick controls
980 mm dozer blade with two 190 mm blade extensions	Hydraulically retractable undercarriage from 1360 mm to 980 mm
Adjustable double acting auxiliary hydraulic (AUX1) with Quick Couplers	LED Work lights
Battery disconnect switch	Machine IQ (telematic)
Clamp ready	Proportional fingertip auxiliary and boom swing offset hydraulic control
Control console locks	Retractable seat belt
Cupholders	Storage compartment
Dual Direction Detent	TOPS/ROPS/FOPS canopy ¹
Engine monitor with auto shutdown	Two speed travel
Foldable and ergonomic travel pedals	Upper structure four point tie down
Full fuel warning alarm	Water separator
Horn	
Hydraulic and travel control lockout	

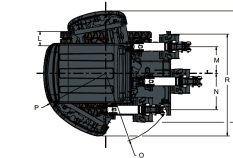
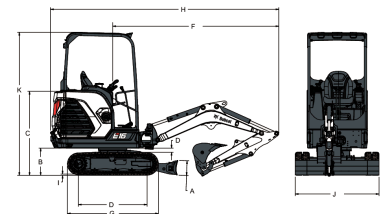
1. Roll Over Protective Structure (ROPS) – Meets requirements of ISO 3471. Tip Over Protective Structure (TOPS) – Meets requirements of ISO 12117. Falling Object Protective Structure (FOPS) - Meets requirements of ISO 3449.

Working Range



(A)	209.0°	(F*)	254.0 mm
(B)	3948.0 mm	(G)	2428.0 mm
(C)	3894.0 mm	(H)	3401.0 mm
(D)	1549.0 mm	(I)	2390.0 mm
(E)	220.0 mm	(J)	1764.0 mm
(E*)	300.0 mm	(K)	2230.0 mm
(F)	206.0 mm		

Dimensions



(A)	240.0 mm	(J*)	1360.0 mm
(B)	442.0 mm	(K)	2321.0 mm
(C)	1364.0 mm	(L)	230.0 mm
(D)	1114.0 mm	(M)	433.0 mm
(E)	1046.0 mm	(N)	589.0 mm
(F)	2696.0 mm	(O)	1156.0 mm
(G)	1476.0 mm	(P)	1024.0 mm
(H)	3704.0 mm	(Q)	1806.0 mm
(I)	22.0 mm	(R)	1652.0 mm
(J)	980.0 mm		

Options

Additional LED work lights	Grease gun w/ holder
AM/FM/DAB radio + phone call ready	Hydr. coupler lines (AUX5)
Auto idle	Keyless ignition
AUX1 direct return to tank	L/R mirrors
AUX1 on arm	Long dozer blade
Beacon	Special application kit
Bucket valves (AUX3) kit	TOPS/ROPS cab w/ heater
Demolition package (boom, arm, bucket cylinder covers & HD travel hoses guard)	Travel motion alarm
Dlx textile suspension seat	