



301.6C MINI HYDRAULIC EXCAVATORS

SPECIFICATIONS

Engine

Engine model	Mitsubishi L3E NA Diesel
Net power	18.1 hp
Gross power	19 hp

Weights

Operating weight	3549 lb
Operating weight with cab	3792 lb

Dimensions

Max digging depth - standard stick	6.8 ft
Max reach ground level - standard stick	11.8 ft

Engine Dimensions

Bore	3 in
Stroke	2.8 in
Displacement	58.1 in ³

Travel System

Gradeability (max) - high	30 Degrees
Travel speed - low	1.25 mph
Travel speed - high	2.8 mph

Hydraulic System

Operating pressures - equipment	2988 psi
Digging forces - stick (standard)	2225.61 lb
Digging force - stick (long)	1978.32 lb
Digging force - Stick, standard	2226 lb
Digging force - Stick, long	1978 lb
Digging force - Bucket	3462 lb
Operating pressure - travel	2988 psi
Operating pressure - swing	2524 psi
Pump - gear (dual) (swing, pilot)	3.85 gal/min
Pump - piston (tandem)	5.25 gal/min

Swing System

Machine swing speed	10.5 RPM
Boom swing - left (without stop)	90 Degrees
Boom swing - left (with stop)	54 Degrees
Boom Swing - right	50 Degrees

Sound Levels

Canopy	83 dB(A)
Cab	83 dB(A)



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Electrical System

Type 12-volt system, 500 CCA, 35 amp/h maintenance free battery

Blade

Width 38.6 in

Height 8.9 in

Dig depth 9.1 in

Lift height 7.1 in

Service Refill Capacities

Cooling system 1.06 gal

Engine oil 1.08 gal

Hydraulic tank 6.3 gal

Fuel tank 5.8 gal

Hydraulic system 9.8 gal

Track

MSC Comments

Drive
