

SPECIFICATIONS



| | 12V | 14.4V | 18V |
|------------------------|--|--|--|
| | 6319D | 6339D | 6349D |
| Capacities | Steel: 13 mm (1/2") Wood: 45 mm (1-3/4") | Steel: 13 mm (1/2") Wood: 50 mm (2") | Steel: 13 mm (1/2") Wood: 65 mm (2-9/16") |
| No load speed | 3rd: 0-1,600 min ⁻¹ (rpm) 2nd: 0-550 min ⁻¹ (rpm) 1st: 0-300 min ⁻¹ (rpm) | 3rd: 0-1,700 min ⁻¹ (rpm) 2nd: 0-600 min ⁻¹ (rpm) 1st: 0-300 min ⁻¹ (rpm) | 3rd: 0-1,700 min ⁻¹ (rpm) 2nd: 0-600 min ⁻¹ (rpm) 1st: 0-300 min ⁻¹ (rpm) |
| Max.fastening torque | hard / soft : 65 / 31 N.m | hard / soft : 70 / 32 N.m | hard / soft : 80 / 40 N.m |
| Dimensions (L x W x H) | 246 mm x 94 mm x 243 mm (9-11/16" x 3-11/16" x 9-9/16") | 246 mm x 94 mm x 247 mm (9-11/16" x 3-11/16" x 9-3/4") | 246 mm x 95 mm x 252 mm (9-11/16" x 3-3/4" x 9-7/8") |
| Net weight | 2.2 kg (4.9 lbs) | 2.3 kg (5.1 lbs) | 2.6 kg (5.7 lbs) |
| | 8414D | 8434D | 8444D |
| Capacities | Steel: 13 mm (1/2") Wood: 45 mm (1-3/4") Masonry: 13 mm (1/2") | Steel: 13 mm (1/2") Wood: 50 mm (2") Masonry: 14 mm (9/16") | Steel: 13 mm (1/2") Wood: 65 mm (2-9/16") Masonry: 16 mm (5/8") |
| No load speed | 3rd: 0-1,600 min ⁻¹ (rpm) 2nd: 0-550 min ⁻¹ (rpm) 1st: 0-300 min ⁻¹ (rpm) | 3rd: 0-1,700 min ⁻¹ (rpm) 2nd: 0-600 min ⁻¹ (rpm) 1st: 0-300 min ⁻¹ (rpm) | 3rd: 0-1,700 min ⁻¹ (rpm) 2nd: 0-600 min ⁻¹ (rpm) 1st: 0-300 min ⁻¹ (rpm) |
| Blows per minute | 3rd: 0-24,000 min ⁻¹ 2nd: 0-8,250 min ⁻¹ 1st: 0-4,500 min ⁻¹ | 3rd: 0-25,500 min ⁻¹ 2nd: 0-9,000 min ⁻¹ 1st: 0-4,500 min ⁻¹ | 3rd: 0-25,500 min ⁻¹ 2nd: 0-9,000 min ⁻¹ 1st: 0-4,500 min ⁻¹ |
| Max.fastening torque | hard / soft : 65 / 31 N.m | hard / soft : 70 / 32 N.m | hard / soft : 80 / 40 N.m |
| Dimensions (L x W x H) | 259 mm x 94 mm x 243 mm (10-1/4" x 3-11/16" x 9-9/16") | 259 mm x 94 mm x 247 mm (10-1/4" x 3-11/16" x 9-3/4") | 259 mm x 95 mm x 252 mm (10-1/4" x 9-3/4" x 9-7/8") |
| Net weight | 2.4 kg (5.3 lbs) | 2.5 kg (5.5 lbs) | 2.7 kg (6.0 lbs) |

Specifications may differ from country to country.

STANDARD EQUIPMENT

| Model 6319D, 6339D, 6349D | Model 8414D, 8434D, 8444D |
|---|---|
| (+) (-) Bits 2, Grip assembly, Charger, Battery | (+) (-) Bits 2, Grip assembly, Stopper pole, Charger, Battery |

Items of standard equipment may differ from country to country.

OPTIONAL ACCESSORIES

| | 12V | 14.4V | 18V | DC1414 | DC1439 | DC1422 (Automotive) | DC1822 (Automotive) | DC1804 |
|-----------------------|------------------|------------------|------------------|------------------------------|----------------------|------------------------------|----------------------------------|----------------------------------|
| | For 6319D, 8414D | For 6339D, 8434D | For 6349D, 8444D | 7.2V 9.6V 12V 14.4V | 9.6V 12V 14.4V | 7.2V 9.6V 12V 14.4V | 7.2V 18V 9.6V 12V 14.4V | 7.2V 18V 9.6V 12V 14.4V |
| Ni-cd. battery 2.0 Ah | 1222 (192597-4) | 1422 (192600-1) | 1822 (192827-3) | 45 min | 14 min | 70 min | 45 min | 45 min |
| Ni-MH. battery 2.6 Ah | 1234 (193100-4) | 1434 (193101-2) | 1834 (193102-0) | 60 min | 23 min | 85 min | 60 min | 60 min |
| Ni-MH. battery 3.0 Ah | 1235 (193059-5) | 1435 (193060-0) | 1835 (193061-8) | 70 min | 27 min | 100 min | 70 min | 70 min |
| | 1235A (193221-2) | | | 70 min | 27 min | 100 min | 70 min | 70 min |
| | 1235F (193624-0) | 1435F (193781-4) | 1835F (193783-0) | 70 min | 27 min | 100 min | 70 min | 70 min |

() Part No. • Power Display Type



Cordless Driver Drills

12V 6319D 14.4V 6339D 18V 6349D

Cordless Percussion Driver Drills

12V 8414D 14.4V 8434D 18V 8444D



High Power & Mechanical 3-Speed

MAT Metal eXtreme Technology

Can be used with 3" Self feed bit

High torque model that defeats usual AC motor drill

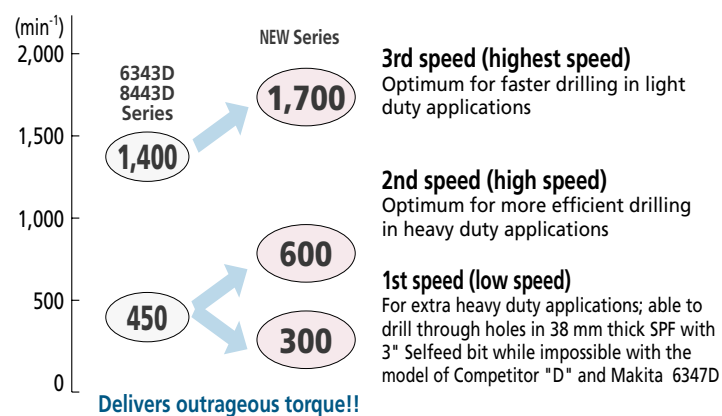
"MXT" Metal eXtreme Technology

Photo: Model 6349D

Photo: Model 8444D

Mechanical 3-Speed

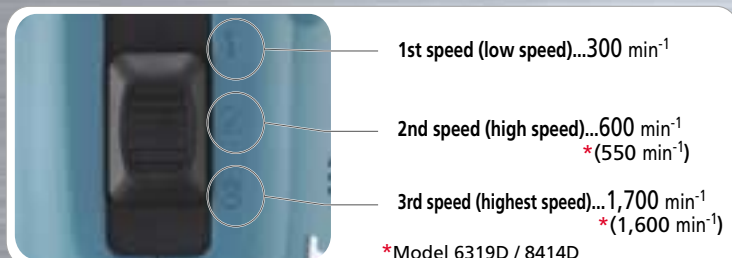
• For more efficiency and a wider range of applications



3rd speed (highest speed)
Optimum for faster drilling in light duty applications

2nd speed (high speed)
Optimum for more efficient drilling in heavy duty applications

1st speed (low speed)
For extra heavy duty applications; able to drill through holes in 38 mm thick SPF with 3" Selffeed bit while impossible with the model of Competitor "D" and Makita 6347D



All Metal Gear Construction

For extra-high transmission durability

Powerful Motor Increases Operation Efficiency



Although using the same ND31 motor as 6347D series models, higher power has been achieved by employment of rare earth magnet.



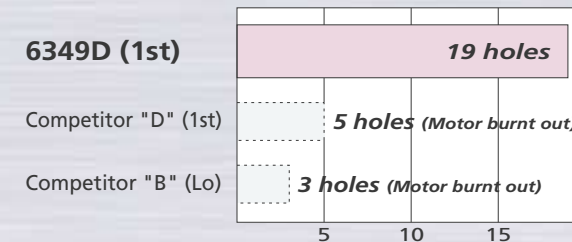
Easy Operation Mode Change

Great versatility from merely one slide action.

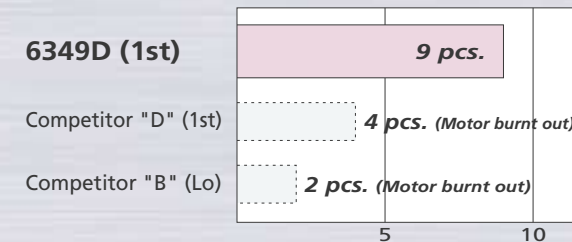
Performance Data (18 V)

Suitable for extra heavy duty applications with Makita #6349D/8444D

Drilling 38mm thick SPF with 3" Self feed bit



Fastening 10 x 400 mm Coarse thread



Work volume (on a single full battery charge)

*Work speed and work volume depend to a great extent on the hardness of the material, etc.
*The 3rd speed is designed for high work speed with a rotational speed higher than the current models. In some applications, therefore, the amperage may rise to make the work volume a little bit less than the current models.

| | Work speed | | Work volume | |
|--|----------------------|-----|-------------|-----|
| Drilling Spade bit 22 mm (7/8") Work piece 38 mm SPF timber | 6349D (3rd) 3.0 sec. | 120 | 68 holes. | 90 |
| | 6347D (Hi) 100 | | 100 | |
| Fastening lag bolts 10 mm (3/8") Work piece 38 mm SPF timber | 6349D (2nd) 4.1 sec. | 115 | 90 | |
| | 6349D (1st) 85 | | 96 pcs. | 105 |
| | 6347D (Lo) 100 | | 100 | |
| Drilling TCT drill bit 8 mm (5/16") Work piece Brick | 8444D (3rd) 5.3 sec. | 145 | 114 holes. | 120 |
| | 8443D (Hi) 100 | | 100 | |
| | | | | |

Numbers in the charts above are relative values when setting Model 6347D / 8443D capacity as 100.