

**Makita**<sup>®</sup>

# 18V Brushless 24mm SDS Plus Rotary Hammer

DHR242



**BRUSHLESS**

# Product Objectives

- Designed to suit any user with high performance demands such as industrial fit outs, construction and demolition.
- Develop a powerful and lightweight Brushless rotary hammer with a maximum 24mm diameter hole drilling capacity. |



# Product Overview



# Product Specification Sheet



Max. drilling capacities in steel	13mm
Max. drilling capacities in masonry	24mm
Impact energy	2.0j
No load speed	0 - 950rpm
Impact rate	0 - 4,700ipm
Vibration	13.5m/s <sup>2</sup>
Overall length	328mm
Skin weight	2.7kg
Weight (with battery)	3.3kg
Voltage	18V

- **One Touch SDS Plus Chuck** – SDS Plus Bit can be installed by simply pressing the bit down into the chuck without the need to slide the collar
- **Torque Limiter** – torque limiting clutch is engineered to prevent gear damage by automatically disengaging gears if the bit binds
- **Optional on-board dust extraction** – can be fitted as an accessory for dust extraction without a separate vacuum
- **3 Mode Operation** – rotation + hammering, hammering only and rotation only
- **Easy to grip handle** – ergonomically designed to provide maximum power thrust and a comfortable grip in any operation
- **Unique Rubber Joint** – suppresses transmission of vibration to the battery terminals, minimizing battery failures
- **Brushless Motor** – provides higher productivity through efficient use of energy, meaning more power, lower heat production and increased work on a single charge

# Advantages

## Performance

**BL  
MOTOR**

Brushless Motor providing higher productivity

## Protection



Unique Rubber Joint suppresses transmission of vibration into the battery terminals

## Extraction



Optional onboard dust extraction unit available (DX06)

## Convenience



One Touch SDS Plus Chuck

# Advantages

## Optional On-Board Extraction (DX06) - 199566-6

The DHR242 is compatible with the DX06 Dust collection system. With easy one-touch attachment onto the machine, the built in DC Motor automatically starts when the switch is turned on, automatically rotating as the machine is operated. Extraction also automatically stops with a proper delay after the main switch is turned off to collect all remaining dust.



# Our Range

	DHR400	DHR282 / DHR283	DHR263 / DHR264	DHR242 / DHR243	DHR202	DHR182	DHR171	DHR165
								
	<b>BRUSHLESS</b>	<b>BRUSHLESS</b>		<b>BRUSHLESS</b>		<b>BRUSHLESS</b>	<b>BRUSHLESS</b>	
Motor Design	Brushless	Brushless	Brushed	Brushless	Brushed	Brushless	Brushless	Brushed
Capacity	40mm - Masonry -	28mm - Masonry 13mm - Steel	26mm - Masonry 13mm - Steel	24mm - Masonry 13mm - Steel	20mm - Masonry 13mm - Steel	18mm - Masonry 13mm - Steel	17mm - Masonry 10mm - Steel	16mm - Masonry 13mm - Steel
Impact energy	8.0j	2.8 / 2.9j	2.5j	2.0j	1.9j	1.7J	1.2j	1.3j
No load speed	250 – 500rpm	0 – 980rpm	0 - 1,250rpm	0 - 950rpm	0 - 1,100rpm	0-1,350rpm	0-680rpm	0 - 1,600rpm
Impact rate	1,450-2,900ipm	0 - 5,000ipm	0 - 5,000ipm	0 - 4,700ipm	0 - 4,000ipm	0-5,000ipm	0-4,800ipm	0 - 5,300ipm
Vibration	5.0m/s <sup>2</sup>	9.0m/s <sup>2</sup> / 9.5m/s <sup>2</sup>	15.5m/s <sup>2</sup>	13.5m/s <sup>2</sup>	14.5m/s <sup>2</sup>	11.0m/s <sup>2</sup>	9.0m/s <sup>2</sup>	12.0m/s <sup>2</sup>
Overall length	473mm	373mm / 404mm	374mm	328mm	358mm	301mm	273mm	297mm
Skin weight	6.7kg	3.7kg / 3.8kg	4.1kg	2.7kg	2.6kg	2.6kg	2.2kg	1.9kg
Weight (with battery)	7.9kg	5.0kg / 5.1kg	4.7kg	3.3kg	3.2kg	3.2kg	2.8kg	2.5kg
Voltage	18Vx2	18Vx2	18Vx2	18V	18V	18V	18V	18V

# Accessories

Standard Accessories		
	122821-1	Grip Assembly
	122576-8	Depth Rod

Optional Accessories		
	SDS Plus Bits	
	Demolition Bits	
	19468-7	Bit grease
	195171-7	Dust Cup Set
	DX06 (199566-6)	Dust Extraction