

Rock Drilling Centrifugal Buckets

Centrifugal buckets are designed for efficient material removal in rock drilling and piling applications. These buckets feature a robust construction, making them compatible with various construction machinery.



Overview

High-Performance Rock Drilling Centrifugal Buckets

These centrifugal buckets are engineered for efficient material removal in demanding rock drilling and piling applications. Designed to withstand tough construction environments, they offer robust construction and reliable performance across various machinery types. Available in two distinct series, these buckets cater to a wide range of torque requirements for professional drilling projects.

Series Classification

Torque Capacity Range

12000 KN.m

A-Series Max Torque

16000 KN.m

B-Series Max Torque

Series Application

- A-Series: Optimized for torques up to 12000 KN.m
- B-Series: Heavy-duty range from 12000 to 16000 KN.m

Technical Specifications

Specifications	Height(mm)	Cyl.thickness(mm)	Bottom thickness(mm)	N.Teeth	Weight(Kg)
CB-400A	1200	16	40	4	400
CB-500A	1200	16	40	4	470
CB-600A	1200	16	40	6	610
CB-700A	1200	20	40	6	750
CB-800A	1200	20	40	8	830

Dimensional details and weight specifications for the A-Series centrifugal buckets, suitable for torques up to 12000KN.m.

Specifications	Height(mm)	Cyl.thickness(mm)	Bottom thickness(mm)	N.Teeth	Weight(Kg)
CB-400B	1200	20	40	4	490
CB-500B	1200	20	40	4	580
CB-600B	1200	25	50	6	750
CB-700B	1200	25	50	6	920
CB-800B	1200	25	50	8	1140

Technical parameters for the heavy-duty B-Series range, designed for high-torque applications between 12000 and 16000KN.m.

A-Series Technical Data

Model	Height (mm)	Cyl. Thickness (mm)	Bottom Thickness (mm)	No. Teeth	Weight (Kg)
CB-400A	1200	16	40	4	400
CB-500A	1200	16	40	4	470
CB-600A	1200	16	40	6	610
CB-700A	1200	20	40	6	750
CB-800A	1200	20	40	8	830

B-Series Technical Data

Model	Height (mm)	Cyl. Thickness (mm)	Bottom Thickness (mm)	No. Teeth	Weight (Kg)
CB-400B	1200	20	40	4	490
CB-500B	1200	20	40	4	580
CB-600B	1200	25	50	6	750
CB-700B	1200	25	50	6	920
CB-800B	1200	25	50	8	1140

Construction & Durability

Design Features

- Centrifugal material removal mechanism
- Reinforced cylinder and bottom plates
- Variable tooth configurations for different diameters
- Standardized 1200mm height for consistent operation

Application Suitability

Rock Drilling, Piling, Foundation Construction, High Torque Operations