C02H   Clamshell Bucket

Robust clamshell bucket in compact form for mini excavators up to 2t / 4400 lbs operating weight.

- Long life is ensured due to the use of 500 HB steel in the manufacture of cutting edges.
- Reduced wear resulting from generously dimensioned bearing system.
- Maximum loading height is achieved through the compact design.
- Excellent digging characteristics are the result of high closing forces (24 kN / 5280 lbf at an operating pressure of 20 MPa / 2880 psi).

Clamshell Bucket C02H

Type	Width E (mm/in)	Opening A (incl. teeth) (mm/in)	Height C max. (incl. teeth) (mm/in)	Volume (litre/c.y.)	Number of teeth	Self weight (kg/lbs)	Load capacity (kg/lbs)
C02H-25	250 / 9.84	725 / 28.54	750 / 29.53	25 / 0.03	3	92 / 202	1000 / 2200
C02H-30	300 / 11.81	725 / 28.54	750 / 29.53	30 / 0.39	3	99 / 218	1000 / 2200
C02H-40	400 / 15.75	725 / 28.54	750 / 29.53	45 / 0.59	4	112 / 246	1000 / 2200

Package consists of: clamshell bucket, bolt-on teeth, **KINSHOFER** rotator, non-return valve and hose guard

KINSHOFER Rotator

Continuous rotation and two oil passages. Overload protection is ensured by pressure relief valves.

Type	Upper connection (width x pin-Ø) (mm/in)	Torque (Nm/ft.lbs)	Moment of deflection max. (Nm/ft.lbs)
KM 04 F	84 x 30 / 3.31 x 1.18	850 / 625	3000 / 2215

Accessories

Type	Description
KM 501 1t-8t	upper suspension without pendulum damper
KM 511 1t-8t	upper suspension with pendulum damper
SW01 cardanic	adapter for Lehnhoff grab exchange system SW/MS01 without suspension – up to 2t / 4400 lbs
SW03 cardanic	adapter for Lehnhoff grab exchange system SW/MS03 without suspension – up to 5t / 11000 lbs
	adapter for quick exchange systems from other manufacturers available
KM 680 1t-4t	scraper

Requirements of Excavator

Operating pressure (open/close):   **max. 20 MPa (200 bar) / 2880 psi**
Pump capacity (open/close):   10 - 40 l/min / 2.64 - 10.57 GPM
Operating pressure (rotation):   **max. 32 MPa (320 bar) / 4608 psi**
Pump capacity (rotation):   15 - 50 l/min / 3.96 - 13.21 GPM

Technical Drawings