

Clamshell Bucket with Vertical Cylinder

C08V

Clamshell bucket with vertical cylinder for earthwork and trenches for excavators from 4t / 8800 lbs to 8t / 17600 lbs operating weight – ideal for foundations and cable trenches.

- Long life is ensured due to the use of 500 HB steel in the manufacture of cutting edges.
- Durable as the hydraulic cylinder is fully enclosed in a hub unit, short hydraulic connecting hoses.
- Reduced wear resulting from generously dimensioned bearing system.
- Excellent digging characteristics are the result of high closing forces 21 kN / 4620 lbf at an operating pressure of 26 MPa / 3744 psi (26 kN / 5720 lbf at an operating pressure of 32 MPa / 4608 psi).



→ Alternatively to the C08V the C08HPX can be used with an extension for excavating.

| Clamshell Bucket C08V | | | | | | | |
|-----------------------|--------------------|----------------------------------|--|------------------------|--------------------|-------------------------|---------------------------|
| Type | Width E (mm/in) | Opening A (w/o 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) |
| C08V-32 | 325 / 12.80 | 1260 / 49.61 | 1290 / 50.79 | 115 / 0.15 | 3 | 305 / 671 | 3000 / 6600 |
| C08V-40 | 400 / 15.75 | 1260 / 49.61 | 1290 / 50.79 | 145 / 0.19 | 3 | 325 / 715 | 3000 / 6600 |
| C08V-50 | 500 / 19.69 | 1260 / 49.61 | 1290 / 50.79 | 185 / 0.24 | 5 | 345 / 759 | 3000 / 6600 |
| C08V-60 | 600 / 23.62 | 1260 / 49.61 | 1290 / 50.79 | 220 / 0.29 | 5 | 365 / 803 | 3000 / 6600 |
| C08V-80 | 800 / 31.50 | 1260 / 49.61 | 1290 / 50.79 | 300 / 0.39 | 9 | 400 / 880 | 3000 / 6600 |

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 F140-30USE | 84 x 30 / 3.31 x 1.18 | 1000 / 740 | 8500 / 6270 |

| Accessories | |
|---------------|--|
| Type | Description |
| KM 501 1t-8t | upper suspension without pendulum damper |
| KM 511 1t-8t | upper suspension with pendulum damper |
| SW03 cardanic | adapter for Lehnhoff grab exchange system SW/MS03 without suspension – up to 5t / 11000 lbs |
| SW08 cardanic | adapter for Lehnhoff grab exchange system SW/MS08 without suspension – up to 12t / 26400 lbs |
| | adapter for quick exchange systems from other manufacturers available |
| KM 680 5t-8t | scraper |

| Requirements of Excavator | |
|----------------------------------|-----------------------------------|
| Operating pressure (open/close): | max. 32 MPa (320 bar) / 4608 psi |
| Pump capacity (open/close): | 40 - 90 l/min / 10.57 - 23.78 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

