

Multi Purpose Grabs 1-6t / 2,200-13,200lbs

A02H / A04H / A06H

Robust multi purpose grab for excavators up to 6t/13,200lbs operating weight – ideal for landscaping architecture.

- ▷ **Efficient tool** for the exact positioning of natural rocks and for the handling of filling material – **without additional set-up times.**
- ▷ The **sophisticated ergonomics** and the design of the shells enables loading, sorting, digging and demolition operations with maximum efficiency.
- ▷ **Rigid mounting and 360° rotator for precise positioning!**
- ▷ **Long life** is ensured due to the use of 400HB steel in the manufacture of cutting edges (A02H: 500HB).
- ▷ **Exchangeable teeth.**
- ▷ **Integrated non-return valve** guarantees secure retention of the loads.
- ▷ Optional: accessories such as **bolt-on side walls** and **4-Grip**.



Multi Purpose Grabs A02H / A04H / A06H

| Type | Width (mm/in) | Opening A (mm/in) | Height C max. (mm/in) | Volume (liter/c.y.) | Teeth (#) | Weight (kg/lbs) | Load capacity* (kg/lbs) | Operating weight (t/lbs) |
|---------|------------------|-------------------------|-----------------------------|------------------------|--------------|--------------------|-------------------------------|--------------------------------|
| A02H-30 | 300 / 11.8 | 780 / 30.7 | 730 / 28.7 | 35 / 0.05 | 3 | 135 / 297 | 1,000 / 2,200 | 1 - 2 / 2,200 - 4,400 |
| A04H-40 | 386 / 15.1 | 1,233 / 48.5 | 769 / 30.7 | 70 / 0.09 | 3 | 198 / 435 | 1,500 / 3,300 | 2 - 4 / 4,400 - 8,800 |
| A06H-45 | 450 / 17.7 | 1,340 / 52.7 | 824 / 32.4 | 100 / 0.13 | 5 | 220 / 484 | 2,000 / 4,400 | 4 - 6 / 8,800 - 13,200 |

*) the load capacity indicated depends on the characteristics of the load (surface, largeness etc.)

Package consists of: multi purpose grab, bolt-on teeth, **KINSHOFER** rotator and non-return valve

KINSHOFER Rotator

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

| Type | Upper dimension (hole/Ø-hole pattern) (mm/in) | Torque (Nm/ft.lb) | Bending moment max. (Nm/ft.lb) |
|-----------------------------|--|----------------------|-----------------------------------|
| A02H: KM 04 F140/150 | 10 x M 12; Ø 150 / 5.9 | 850 / 626 | 3,000 / 2,212 |
| A04H - A06H: KM 10 F214/180 | 6 x M 16; Ø 180 / 7.0 | 1,000 / 737 | 12,000 / 8,850 |

Accessories

| Type | Description |
|-------------------------|--|
| KM 691 2t | adapter plate for specific solutions – up to 2t/4,400lbs |
| KM 690 2t | adapter for rigid mounting – up to 2t/4,400lbs |
| KM 691 8t | adapter plate for specific solutions – up to 8t/17,600lbs |
| KM 690 8t | adapter for rigid mounting – up to 8t/17,600lbs |
| KSW01 rigid | bolt-on adapter for system L-Lock KMS01L/KHS01L for rigid mounting – up to 2t/4,400lbs |
| KSW03 rigid | bolt-on adapter for system L-Lock KMS03L/KHS03L for rigid mounting – up to 6t/13,200lbs |
| KM 980-2 2t-8t c | adapters for quick change systems from other manufacturers or different sizes on request |
| KM 685 09E-A02-A09 | solenoid valve for additional circuit, up to 26MPa/3,770psi, incl. parts and mounting |
| KM 685 05-D04-A04 | bolt-on side walls for A04 up to A09 |
| KM 685 05-D04-A04 | 4-Grip for D04/A04 (load capacity: 600 kg / 1,320 lbs) |
| KM 685 05-D06/09-A06/09 | 4-Grip for D06/A06 (load capacity: 600 kg / 1,320 lbs) and D09/A09 (load capacity: 900 kg / 1,980 lbs) |

Requirements of carrier machine

| | A02H | A04H / A06H |
|---|--------------------------------------|--|
| Operating pressure (open/close): | max. 20 MPa (200 bar) / 2,880 psi | max. 25 MPa (250 bar) / 3,620 psi |
| Recommended pump capacity (open/close): | 10 - 40 l/min / 2.5 - 10.5 GPM | 25 - max. 75 l/min / 6.5 - max. 20 GPM |
| Operating pressure (rotate): | max. 32 MPa (320 bar) / 4,640 psi | max. 32 MPa (320 bar) / 4,640 psi |
| Recommended pump capacity (rotate): | 15 - max. 50 l/min / 4 - max. 13 GPM | 15 - max. 50 l/min / 4 - max. 13 GPM |

Technical drawing



optional 4-Grip gripping device, here mounted to a A04H

