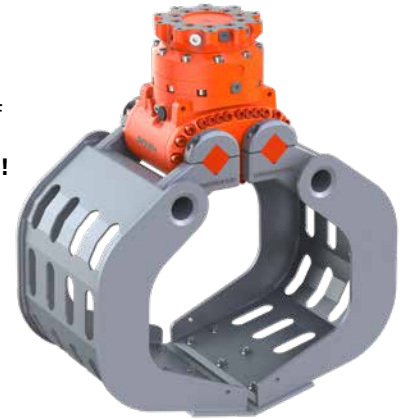


The new demolition and sorting grabs with the low maintenance *HPXdrive* for excavators up to 9t / 19800lbs operating weight - THE universal tool for all kind of light demolition and sorting work.

- ▷ **HPXdrive** – the revolutionary concept for hydraulically operated grabs! The rotation of the arms of the grab is generated by two hollow shafts, which run opposed and have a helix thread, hydraulically driven by a single piston. **No hydraulic cylinder required!**
- ▷ **50% longer life cycle.** The drive unit runs in a permanent oil bath – no lubrication necessary. Resistant against dirt and blows, due to the compact design.
- ▷ New **improved shell design!** The perforated skin of the shells lets dust and fine gravel through – without larger pieces blocking the shell filter system.
- ▷ Including the flat 15t-rotator with **360° endless rotation** for precise positioning!
- ▷ **Constant closing force** (15,3kN/3366lbf at 26MPa/3770psi) during the entire operation.
- ▷ Different applications possible thanks to easy **shell exchange system.**
- ▷ Robust due to the use of cutting edge material 500HB steel. **Cutting edges usable both sides.**



### Demolition and Sorting Grab D09HPX

Type	Width (mm/in)	Opening A (mm/in)	Height C max. (mm/in)	Volume (liter/c.y.)	Weight (kg/lbs)	Load capacity* form locking (kg/lbs)	Load capacity* friction locking (kg/lbs)
<b>D09HPX-50</b>	520 / 20.4	1545 / 60.8	1061 / 41.7	220 / 0.29	415 / 913	2500 / 5500	1000 / 2200

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

**Package consists of:** demolition and sorting grab, **KINSHOFER** rotator, non-return valve, wear plates

### KINSHOFER Rotator

Integrated in a single unit with the *HPXdrive*, no more connecting hoses. Continuous rotation. Overload protection ensured by pressure relief valves.

Typ	Upper dimension (hole/Ø-hole pattern) (mm/in)	Torque (Nm/ft.lbs)	Bending moment max. (Nm/ft.lbs)
<b>KM 15 F273/273</b>	10 x M16; Ø 273 / 10.7	2000 / 1475	50000 / 36875

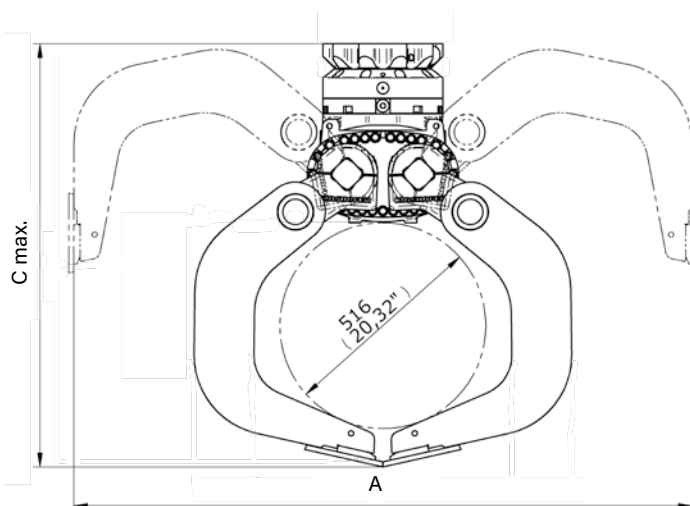
### Accessories

Type	Description
<b>KM 691 8t</b>	adapter plate for specific solutions – up to 8t/17600lbs
<b>KM 690 8t</b>	adapter for rigid mounting – up to 8t/17600lbs
<b>OQ45/4 rigid</b>	bolt-on adapter for Oilquick OQ45 – 5t/11000lbs to 12t/26400lbs
<b>KSW08 rigid</b>	bolt-on adapter for system L-Lock KMS08L/KHS08L for rigid mounting – up to 12t/26400lbs
	adapters for quick change systems from other manufacturers or different sizes on request
<b>KM 980-2 2t-8t c</b>	solenoid valve for additional circuit, up to 26MPa/3770psi, incl. parts and mounting
<b>KM 685 05-D06/09-A06/09</b>	4-Grip for D06/A06 and D09/A09 (load capacity: 750 kg / 1650 lbs)

### Requirements of carrier machine

<b>Operating pressure (open/close):</b>	<b>max. 32 MPa (320 bar) / internal pressure 26 MPa (260 bar)</b> <b>max. 4640 psi / internal pressure 3770 psi</b>
<b>Recommended pump capacity (open/close):</b>	40 - max. 75 l/min / 10.5 - max. 20 GPM
<b>Operating pressure (rotate):</b>	<b>max. 32 MPa (320 bar) / 4640 psi</b>
<b>Recommended pump capacity (rotate):</b>	20 - max. 50 l/min / 5 - max. 13 GPM

### Technical drawing



optional 4-Grip gripping device, here mounted to a D09HPX



Free extension of warranty  
kinshofer.com/service