

The new demolition and sorting grabs with the low maintenance *HPXdrive* for excavators up to 4t / 8800lbs or 6t / 13200lbs 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 new, flat 10t-rotator with **360° endless rotation** for precise positioning!
- ▷ **Constant closing force** (D04: 18kN/3960lbf at 25MPa/3620psi and D06: 18kN/3960lbf 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 500 HB steel.  
**Cutting edges usable both sides.**



**D06HPX**

### Demolition and Sorting Grab D04HPX / D06HPX

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)	Operating weight (t/lbs)
<b>D04HPX-40</b>	420 / 16.5	1045 / 41.1	812 / 31.9	75 / 0.10	280 / 616	1500 / 3300	1000 / 2200	2-4 / 4400-8800
<b>D06HPX-45</b>	470 / 18.8	1350 / 53.1	970 / 38.1	150 / 0.20	340 / 748	2000 / 4400	1000 / 2000	4-6 / 8800-13200

\*) 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.

Type	Upper dimension (hole/Ø-hole pattern) (mm/in)	Torque (Nm/ft.lbs)	Bending moment max. (Nm/ft.lbs)
<b>KM 10 F214/180</b>	6 x M16; Ø 180 / 7.08	1000 / 737.5	12000 / 8850

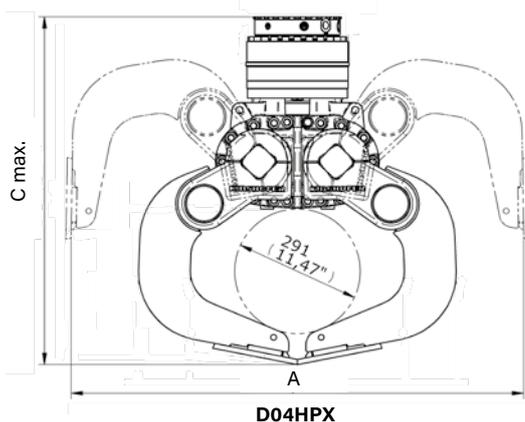
### Accessories

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>KSW03 rigid</b>	bolt-on adapter for system L-Lock KMS03L/KHS03L for rigid mounting – up to 6t / 13200lbs
	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-D04-A04</b>	4-Grip for D04/A04 (load capacity: 750 kg / 1650 lbs)
<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>D04HPX</b>	<b>D06HPX</b>
<b>Operating pressure (open/close):</b>	<b>max. 25 MPa (250 bar)</b>	<b>max. 32 MPa (320 bar)</b> <b>internal pressure 26 MPa (260 bar)</b>
<b>Recommended pump capacity (open/close):</b>	40 - max. 75 l/min	40 - max. 75 l/min
<b>Operating pressure (rotate):</b>	<b>max. 32 MPa (320 bar)</b>	<b>max. 32 MPa (320 bar)</b>
<b>Recommended pump capacity (rotate):</b>	15 - max. 50 l/min	20 - max. 50 l/min

### Technical drawing



**D04HPX**



**optional 4-Grip gripping device,  
here mounted to a D04HPX**



Free extension  
of warranty  
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