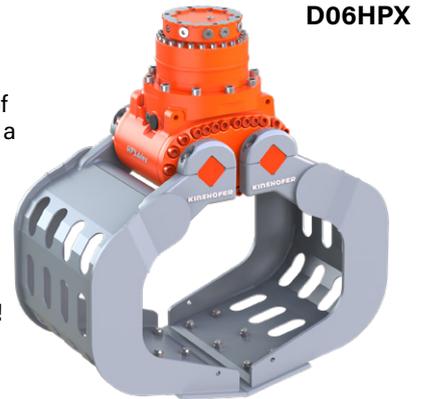


The new demolition and sorting grabs with the low maintenance *HPXdrive* for excavators up to 4t / 8800lbs or 6t / 13200lbs operating weight - THE universal tool for all kind of light demolition and sorting work.

- ▷ **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.



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)
D04HPX-40	420 / 16.5	1045 / 41.1	812 / 31.9	75 / 0.10	280 / 616	1500 / 3300	1000 / 2200	2-4 / 4400-8800
D06HPX-45	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 *HPXdrive*, no more connecting hoses. Continuous rotation. Overload protection by pressure relief valves.

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

Accessories

Type	Description
KM 691 8t	adapter plate for specific solutions – up to 8t / 17600lbs
KM 690 8t	adapter for rigid mounting – up to 8t / 17600lbs
KSW03 rigid	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
KM 980-2 2t-8t c	solenoid valve for additional circuit, up to 26MPa / 3770psi, incl. parts and mounting
KM 685 05-D04-A04	4-Grip for D04/A04 (load capacity: 750 kg / 1650 lbs)
KM 685 05-D06/09-A06/09	4-Grip for D06/A06 and D09/A09 (load capacity: 750 kg / 1650 lbs)

Requirements of carrier machine

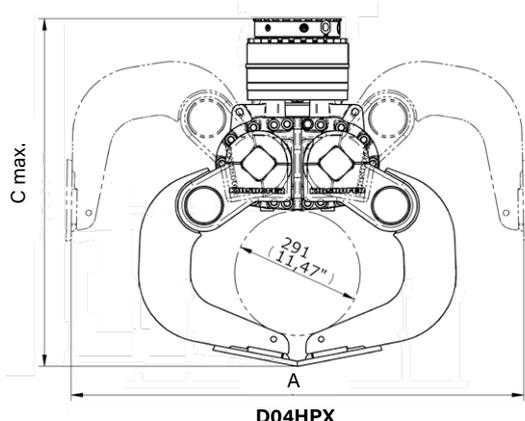
Operating pressure at pump capacity (open/close):

D04HPX: 19 MPa (190 bar) at max. 75 l/min / 2740 psi at max. 20 GPM	D06HPX: 26 MPa (260 bar) at max. 75 l/min / 3745 psi at max. 20 GPM
D04HPX: 19 - 32 MPa (190 - 320 bar) at max. 40 l/min / 2740 - 4640 psi at max. 10.6 GPM	D06HPX: 26 - 32 MPa (260 - 320 bar) at max. 40 l/min / 3745 - 4640 psi at max. 10.6 GPM

Operating pressure at pump capacity (rotate):

D04HPX: 32 MPa (320 bar) at 15 - 50 l/min / 4640 psi at 4 - 13 GPM	D06HPX: 32 MPa (320 bar) at 20 - 50 l/min / 4640 psi at 5.3 - 13 GPM
--	--

Technical drawings



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



Free extension of warranty
kinshofer.com/service