

D04 - D06HPX

Demolition and Sorting Grab with *HPXdrive*

The new demolition and sorting grabs with the low maintenance *HPXdrive* for excavators up to 4t or 6t 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** (18 kN at D04: 250 bar and D06: 260 bar) 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)	Opening A (mm)	Height C max. (mm)	Volume (liter)	Weight (kg)	Load capacity* form locking (kg)	Load capacity* friction locking (kg)	Operating weight (t)
D04HPX-40	420	1045	812	75	280	1500	1000	2 - 4
D06HPX-45	470	1350	970	150	340	2000	1000	4 - 6

*) 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)	Torque (Nm)	Bending moment max. (Nm)
KM 10 F214/180	6 x M16 / Ø 180	1000	12000

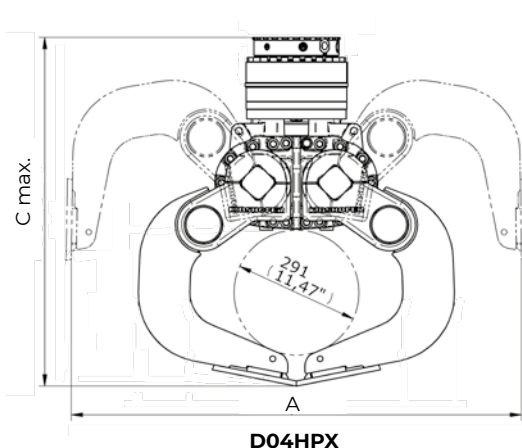
Accessories

Type	Description
KM 691 8t	adapter plate for specific solutions – up to 8t
KM 690 8t	adapter for rigid mounting – up to 8t
KSW03 rigid	bolt-on adapter for system L-Lock KMS03L/KHS03L for rigid mounting – up to 6t
	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 26 MPa, incl. parts and mounting
KM 685 05-D04/06-A04/06	4-grip for D04/A04 and D06/A06 (load capacity: 750 kg)

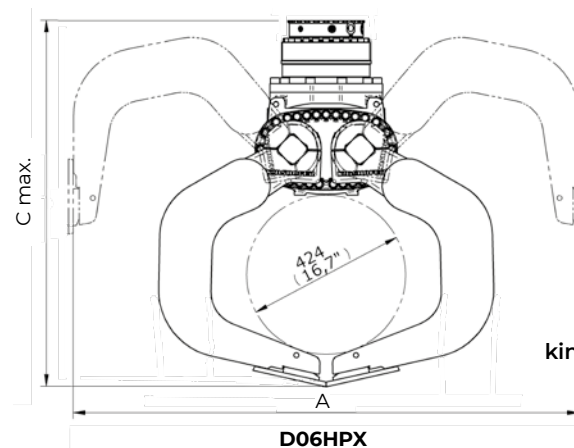
Requirements of carrier machine

	D04HPX	D06HPX
Operating pressure (open/close):	max. 25 MPa (250 bar)	max. 32 MPa (320 bar) internal pressure 26 MPa (260 bar)
Recommended pump capacity (open/close):	40 - max. 75 l/min	40 - max. 75 l/min
Operating pressure (rotate):	max. 32 MPa (320 bar)	max. 32 MPa (320 bar)
Recommended pump capacity (rotate):	15 - max. 50 l/min	20 - max. 50 l/min

Technical drawing



D04HPX



D06HPX



Free extension
of warranty
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