

Demolition and Sorting Grabs 1-6t / 2,200-13,200lbs

D02H / D04H / D06H

The demolition and sorting grabs for excavators with 1t / 2,200lbs up to 6t / 13,200lbs operating weight - THE universal tool for lighter demolition and sorting tasks of all kinds.

- ▷ Including **360° rotator** with **low height**.
- ▷ **Perforated skin of shells** lets dust and gravel through.
- ▷ **Durable**, extremely robust due to the use of cutting edge material 500HB steel.
- ▷ **Integrated non-return valve** guarantees secure retention of loads.
- ▷ **High closing force** achieved by horizontal cylinder
 D02H: 20kN/4,400lbf at 20MPa/2,880psi;
 D04H: 21,5kN/4,730lbf & D06H: 21kN/4,620lbf at 25MPa/3,620psi.



Abbruch- und Sortiergreifer D02H / D04H / D06H

Type	Width (mm/in)	Opening A (mm/in)	Height C max. (mm/in)	Volume (liter/c.y.)	Capacity* (kg/lbs)	Weight (kg/lbs)	Operating weight (t/lbs)
D02H-30	300 / 11.8	792 / 31.2	770 / 30.3	35 / 0.05	1,000 / 2,200	115 / 253	1 - 2 / 2,200 - 4,400
D04H-40	420 / 16.5	1,212 / 47.7	747 / 29.4	60 / 0.08	1,500 / 3,300	200 / 440	2 - 4 / 4,400 - 8,800
D06H-45	470 / 18.5	1,345 / 52.9	817 / 31.1	90 / 0.12	2,000 / 4,400	227 / 499	4 - 6 / 8,800 - 13,200

*) 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

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.lbs)	Bending moment max. (Nm/ft.lbs)
D02H: KM 04 F140/150	10 x M 12; Ø 150 / 5.9	850 / 626	3,000 / 2,212
D04H - D06H: KM 10 F214/180	6 x M 16; Ø 180 / 7	1,000 / 737	12,000 / 8,850

Accessories

Type	Description
KM 691 2t	adapter plate for specific solutions - up to 2t / 4,400 lbs
KM 690 2t	adapter for rigid mounting - up to 2t / 4,400 lbs
KM 691 8t	adapter plate for specific solutions - up to 8t / 17,600 lbs
KM 690 8t	adapter for rigid mounting - up to 8t / 17,600 lbs
KSW01 rigid	bolt-on adapter for system L-Lock KMS01L/KHS01L for rigid mounting - up to 2t / 4,400 lbs
KSW03 rigid	bolt-on adapter for system L-Lock KMS03L/KHS03L for rigid mounting - up to 6t / 13,200 lbs
	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 / 3,770 psi, incl. parts and mounting
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

	D02H	D04H	D06H
Operating pressure (open/close):	max. 20 MPa (200 bar) max. 2,880 psi	max. 25 MPa (250 bar) max. 3,620 psi	max. 25 MPa (250 bar) max. 3,620 psi
Recommended pump capacity (open/close):	10 - 40 l/min 2.5 - 10.5 GPM	25 - 75 l/min 6.5 - 20 GPM	25 - 75 l/min 6.5 - 20 GPM
Operating pressure (rotate):	max. 32 MPa (320 bar) max. 4,640 psi	max. 32 MPa (320 bar) max. 4,640 psi	max. 32 MPa (320 bar) max. 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	15 - max. 50 l/min 4 - max. 13 GPM

Technical drawing



optional 4-Grip gripping device, here mounted to a D04H

