

Rock grab for excavators from 14t/ 30800lbs to 27t/59400lbs operating weight for positioning and handling of natural rocks.

- ▷ For **rigid or cardanic mounting**.
- ▷ **Robust, fully integrated rotation** with sturdy slewing ring to withstand external forces, with connecting hoses located inside the hub. Hydraulic quick exchange systems are mountable directly. **Integrated pressure relief valve** against overcharge.
- ▷ **Exceptional closing forces** through two horizontally positioned hydraulic cylinders that are protected by the bucket carrier.
- ▷ **Large gripping volume** due to widely spaced pivots.
- ▷ **Integrated non-return valve** guarantees secure handling of loads.
- ▷ **Cylinders are hydraulically cushioned**.
- ▷ **Non-return valve** is optionally available.



R27H

Rock Grabs R20H/R27H

Type	Width E (mm/in)	Opening A (mm/in)	Height C max. (mm/in)	Volume (m ² /ft ²)	Weight (kg/lbs)	Load capacity (kg/lbs)	Torque (Nm/ft.lbs)	Operating weight (t/lbs)
R20H-0,40	720 / 28.3	1800 / 70.9	1340 / 52.8	0,40 / 4,3	1050 / 2310	5000 / 11000	4000 / 2950	14-20 / 30800-44000
R27H-0,55	840 / 33.1	2040 / 80.3	1500 / 59.1	0,55 / 5,9	1500 / 3300	6000 / 13200	5000 / 3687.5	18-27 / 39600-59400

Package consists of: rock grab, integrated rotation with sturdy slewing ring and non-return valve

Accessories

Type	Description
KM 690 20t	adapter for rigid mounting – up to 20t/44000lbs
KM 690 27t	adapter for rigid mounting – up to 27t/59400lbs
OQ	bolt-on adapter for Oilquick OQ – 5t to 70t/11000lbs to 154000lbs
KSW10 rigid	bolt-on adapter for system L-Lock KMS10L/KHS10L – up to 19t/41800lbs
KSW21/25 rigid	bolt-on adapter for system L-Lock KMS21/25L / KHS21/25L – up to 40t/88000lbs
	adapters for quick change systems from other manufacturers or different sizes on request
KM 501 19t-60t	upper suspension without pendulum damper
KM 511 19t-60t	upper suspension with pendulum damper
KM 510 19t-60t	single pendulum damper
KM 693 01	adapter for cardanic mount for R20H
KM 693 02	adapter for cardanic mount for R27H

Requirements of carrier machine

	R20H	R27H
Operating pressure (open/close):	max. 32 MPa (320 bar)/ 4640psi	max. 35 MPa (350 bar) / 5070psi
Pump capacity (open/close):	75 - max. 150 l/min / 20 - max. 40GPM	75 - max. 150 l/min / 20 - max. 40GPM
Hydraulic connection (open/close):	G 3/4" / G 1/2"	G 3/4" / G 1/2"
Operating pressure (rotate):	max. 14 MPa (140 bar) / 2030psi	max. 14 MPa (140 bar) / 2030psi
Pump capacity (rotate):	20 - max. 50 l/min / 5 - max. 13GPM	20 - max. 50 l/min / 5 - max. 13GPM

Technical drawing

