

Application

The hydraulic ram TMHR 8 can be used for the force generation in SKF pullers type TMMA 8, TMHP 8, TMBS 100/150 and TMHC 108. The ram requires a supply of hydraulic oil to operate and SKF handpumps 729124 and TMJL 100 or the air-driven pump TMJA 70E are suitable. The maximum force generated by the ram is 80 kN (18.000 lbf).

Description

The TMHR 8 comes with a UN 1.5", 16 thread per inch thread which fits the TMMA 8, TMHP 8 and the TMBS 100/150. The ram is provided with a quick connection coupling which connects to all SKF pumps. A nose piece is fitted as standard on the TMHR 8. To facilitate ease of use, the piston automatically returns once the release valve on the pump is opened. For optimum performance of the piston return mechanism, oil of viscosity ISO VG 10 should be used. The TMHR 8/SET is an hydraulic ram set which comprises the TMHR 8 ram and the 50 mm (2 in), 100 mm (3.9 in) and 150 mm (5.9 in) extension pieces. The set is supplied in a fitted case, which also has the capacity for the storage of the hydraulic spindle TMHS 8.



Technical data

Maximum working pressure	70 MPa (10,000 psi)
Maximum force	80 kN (18,000 lbf)
Stroke	175 mm (6.8 in)
Maximum oil capacity	193 cm ³ (11.8 in ³)
Working temperature range	0 to 50 °C (-32 to 122 °F)
Weight TMHR 8	3,8 kg (8.4 lb)
Weight TMHR 8/SET	7,2 kg (15.8 lb)
Case dimensions TMHR 8/SET	460 x 370 x 110 mm (18.1 x 14.6 x 4.3 in)

Spare parts and accessories

Designation	Description
TMHR 8-1	Repair kit
TMHR 8-2	Nose piece
TMHS 8-50	Extension piece 50 mm (2.0 in)
TMHS 8-100	Extension piece 100 mm (3.9 in)
TMHS 8-150	Extension piece 150 mm (5.9 in)
729832A	Quick connection nipple

