

# Hydraulic Cylinders - Production Range

Hidrolik Silindir Uretim Araligi & Teknik Spec - custom-made

## PRODUCTION RANGE

Bore	25 - 320 mm
Rod diameter	15 - 250 mm
Stroke (single stage)	<= 7,000 mm (buckling-limited)
Telescopic stroke	<= 12,600 mm (2 - 7 stages)
Rated pressure	250 bar - test 1.5x nominal
Verified size combinations	565+

## PRODUCT FAMILIES

Industrial cylinders	single & double-acting, bore 25-320 mm
Telescopic cylinders	single & double-acting, <= 12,600 mm
Custom design	to customer drawing / specification

## MATERIALS

Cylinder body	DIN 2391 ST52 / EN 10305-1 E355
Piston rod	CK45 / 42CrMo4, hard-chrome plated
Telescopic stages	hard-chrome plated tubes (HPS line)
Seal brands	Kastas, Gapi, Hallite, Parker, Trelleborg, Merkel (on request)

## STANDARDS & TEST

Acceptance test	ISO 10100 - 1.5x rated pressure
Tube standard	DIN 2391-2 / EN 10305-1
Material certificate	EN 10204 3.1 (per lot)
Mounting dimensions	ISO 6020-2 / NFPA T3.6.7R (on request)

## HPS - Hydraulic Power Systems

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