

Special offer: Refurbished Hunger- Casting Cylinder for 20 - 35 ton casting machine

Manufacturing year:	2001, from Walter Hunger GmbH & Co. KG, Germany
Condition:	completely overhauled with the performance data of a new cylinder
Warranty:	12 month
Delivery time:	approx. 3 month

Hydraulic cylinder for VDC machine, single acting cylinder with internal anti rotation rod guide system and integrated position sensor

EURO **145.000 €**

Technical data:

plunger diameter (solid design):	400 mm
stroke:	7.500 mm
design pressure:	50 bar
maximum cylinder load (at 50 bar):	530 kN
recommended external load (platten, starter blocks)	6 ton
recommended aluminium load:	20 – 35 ton
cast speed range:	15 – 250 mm/min
maximum stroke speed:	2.000 mm/min
rod deflection with eccentric loading of 60 kNm:	2,0 mm
angle of rotation over full stroke:	± 4 min
piston rod coating:	Ceraplate
weight (without oil):	15.500 kg

Options:

integrated position sensor:	output 4 – 20 mA or SSI	EURO	8.400 €
integrated torque limiter with shear pin:		EURO	12.900 €

Terms of delivery:

delivery:	FCA, Lohr am Main
packing and oil filling:	extra
offer validity:	until July 31, 2022 or until sale

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Reference: Price of a comparable new casting cylinder with position sensor and torque limiter in 05_2022: 210.000 €, FCA Germany
Delivery time of a comparable new casting cylinder: 8 – 10 month

Vertical Casting Cylinder

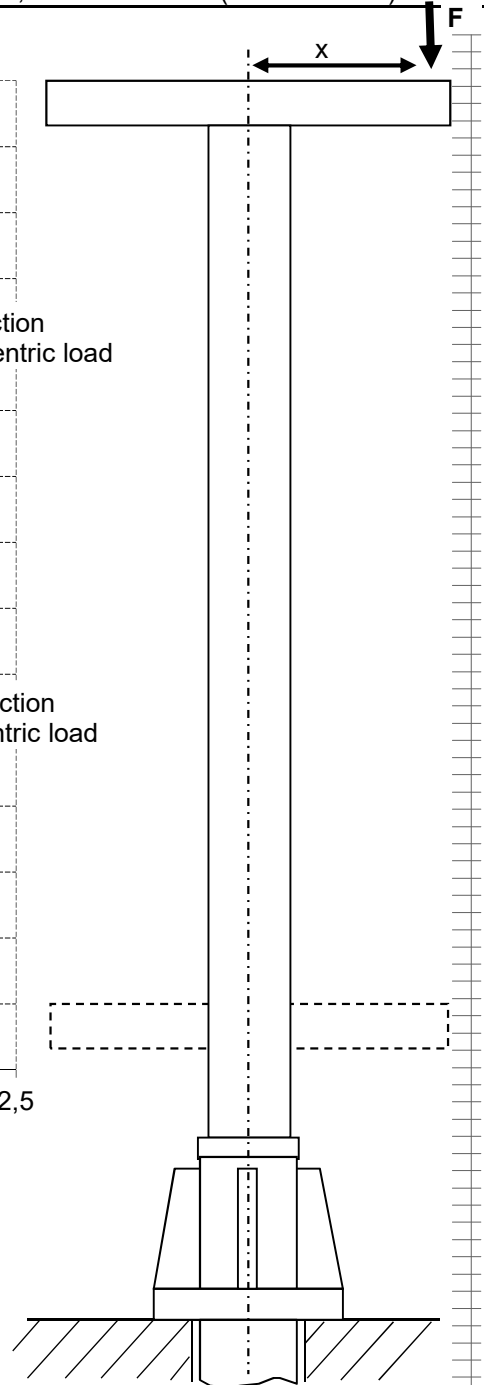
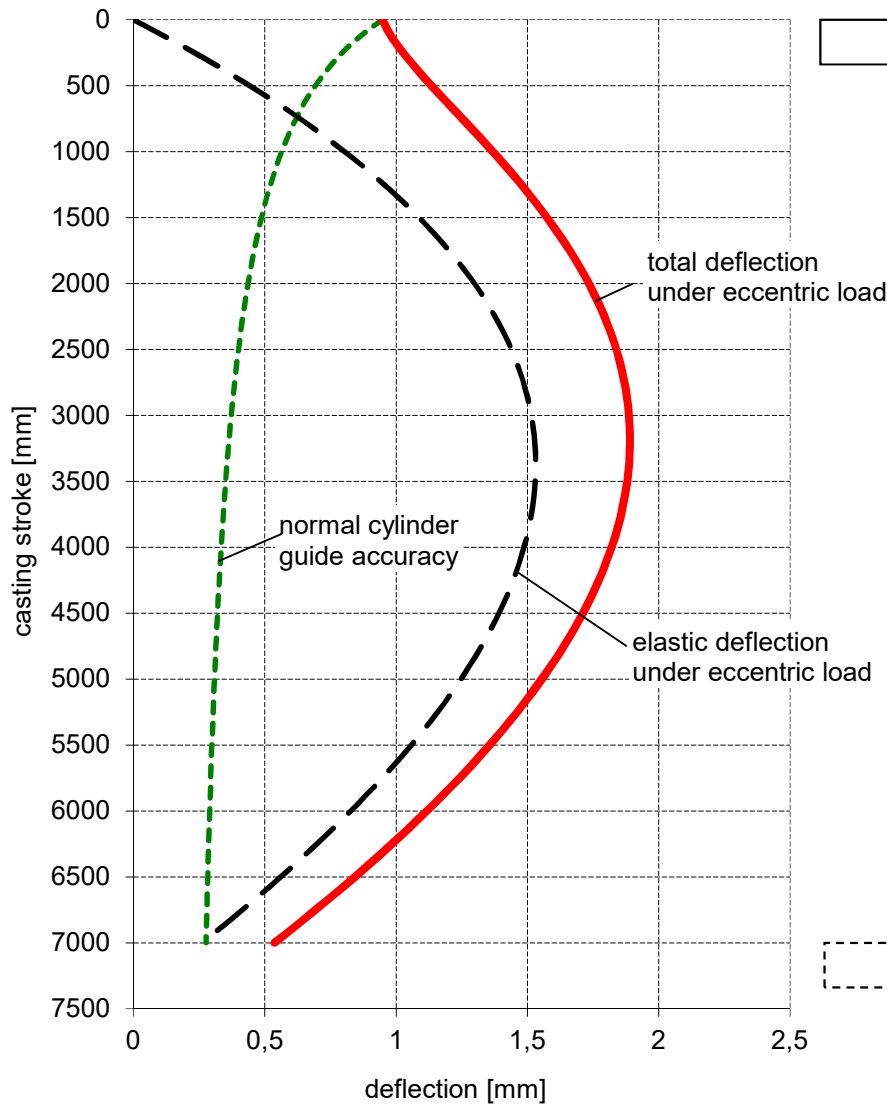
horizontal deflection under eccentric load

total stroke: 7400 mm
 casting stroke: 7000 mm
 torque by eccentric load F: **60 kNm**
 guiding clearance: 0,12 mm
 guiding length: 1000 mm
 plunger diameter: 400 mm
 plunger hole: 0 mm
 inertia: 1,26E+09 mm⁴

date: 03.05.2022
 customer: REFURBISHED CYLINDER
 inquiry/order: 25 - 35 ton VDC

Description of eccentric load

Worst Case: Maximum eccentric load for 2,0 mm deflection (missed billets)



maximum values of deflection:

caused by guiding clearance	0,95 mm
cause by elastic bend	1,53 mm	-----
total deflection:	1,89 mm	—————