

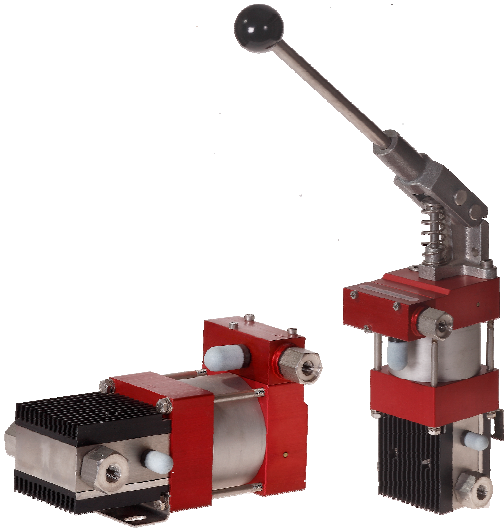
# MAXIMATOR®

## Maximum Pressure.



High Pressure Technology • Testing Equipment  
Hydraulics • Pneumatics

### Technical Data Sheet



#### ROB 22 (-HL)

Single acting, single air drive and distance piece

#### ROB22

##### ROB22 -HL

» Hand lever

##### Technical Data:

Air drive pressure:	1-10 bar / 14,5-145 psi
Max. outlet pressure:	280 bar/ 4,060 psi
Pressure ratio:	1:28
Displacement volume / double stroke:	4.6 cm <sup>3</sup> / 0.28 cu.inch
Maximum operating temperature:	60°C
Weight:	3.7 kg (4,7 kg)
Inlet pressure:	50-280 bar / 725-4,350 psi
Average flow*:	180 L <sub>N</sub> /min

##### Connections:

Inlet:	1/4 BSP
Outlet:	1/4 BSP
Air drive:	3/8 BSP

\*The flow is depending on air drive and inlet pressure

##### Wetted materials of construction:

Seal package:	Teflon (PTFE) Flourcarbon (V)
High pressure body :	1.4404
Piston:	1.4112 (hardened)
Fittings:	1.4571

##### Dimensions:

Height:	200 mm
Depth:	116 mm
Width:	116 mm

##### Options:

Hand lever attachment:	ROB22-HL
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##### Available Accessories:

Air control unit type C1 with pressure regulator, control pressure gauge and shut off valve.	ROB22 with C1
To protect the booster against excessive outlet pressures or to limit the outlet pressure, a safety valve can be fitted to the air control unit in the air drive line:	ROB22 with C1/SV-air (The required outlet pressure has to be indicated)

**Please consult factory for more information.**

All technical and dimensional information subject to change. All general terms and conditions of sale, including limitations of our liability, apply to all our products and services sold.

# MAXIMATOR® Maximum Pressure.



High Pressure Technology • Testing Equipment  
Filling time for a 3 liter bottle  
Hydraulics • Pneumatics

Outlet pressure Inlet pressure	Outlet pressure							
	60 bar	80 bar	100 bar	120 bar	140 bar	160 bar	180 bar	200 bar
50 bar	10 sec.	45 sec.	80 sec.	135 sec.	205 sec.	325 sec.	670 sec.	
100 bar				10 sec.	25 sec.	45 sec.	70 sec.	105 sec.
150 bar						5 sec.	10 sec.	25 sec.

"PL" Lufterlass G 3/8  
 Air drive inlet 3/8 BSP

Leckageanschluss  
 Hochdruckseite G 1/8  
 High pressure drain  
 port 1/8 BSP

Auslass G 1/4  
 Outlet 1/4 BSP

Belegunganschluss  
 Steuerschieber  
 Air release  
 spool valve

Belegunganschluss  
 Air release

Leckageanschluss  
 Hochdruckseite G 1/8  
 High pressure drain  
 port 1/8 BSP

Einlass G 1/4  
 Inlet 1/4 BSP

**MAXIMATOR**  
 Typ / type: **ROB 22 -HL**  
 Artikel-Nr. / Order code: 310.0768  
 Übersetzungverhältnis / Pressure ratio: 120  
 min. Einlassdruck / Inlet Pressure: 50 bar / 725 psi  
 max. Auslassdruck / Outlet Pressure: 280 bar / 4060 psi  
 max. Antriebsdruck / Drive pressure: 10 bar / 145 psi

**MAXIMATOR®**  
 Hydraulik GmbH D-99734 Nordhausen

ca. 225  
 112  
 16  
 195  
 ca. 460  
 ca. 155  
 ca. 311  
 120  
 80  
 85  
 98

M 1 : 4

**ACHTUNG! Öl und Fettfrei halten, gereinigt für SAUERSTOFFBETRIEB.  
 WARNING! Use no lubricants, cleaned for OXYGEN SERVICE.**