

GERLIEVA micro-spraying for release agents and water based lubricants

315 series

Components micro-spraying

20 liters **pressure tank** for release agents with

- 2-stage level monitoring
- LED indicator lamp
- media flow monitoring with evaluation upper and lower limit
- pressure monitoring
- interface die casting machine



Technical data

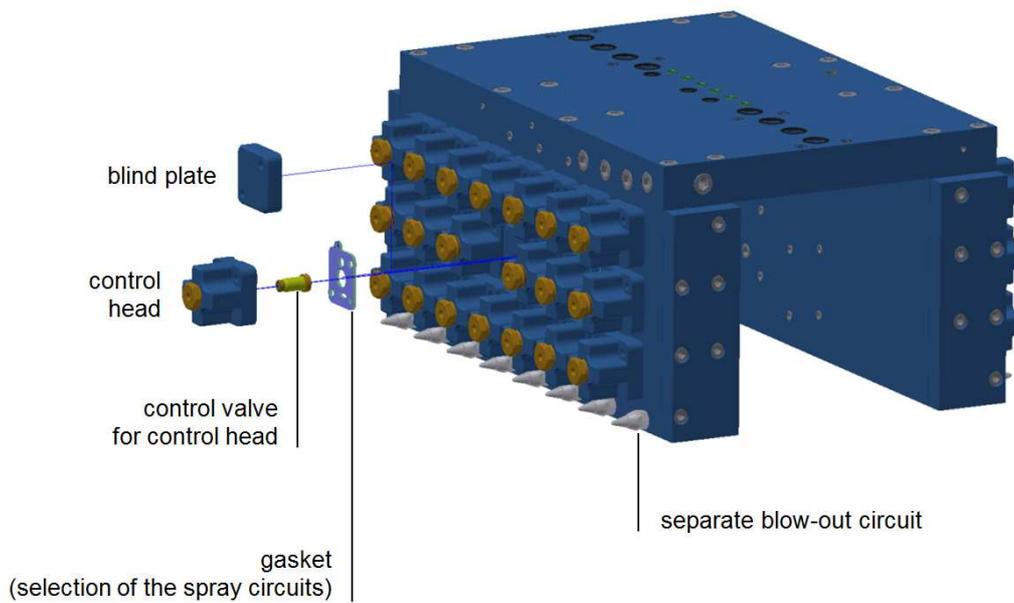
number of nozzles	lowest sprayable quantity	covered surface at 100 mm spraying distance
1	0,008 ml *	30 cm ² (Ø 60 mm)
48	0,38 ml *	1440 cm ²
78	0,62 ml *	2340 cm ²

* quantity with 1 bar spray medium pressure and 0,1 seconds spray time

pressure atomization air: 2,5 - 6 bar

pressure release agent: 0,5 - 4 bar

Design configuration



Sprayheads micro-spraying

standard sprayhead



custom designed sprayhead



requirement

basic requirement is a die casting mold which has a sufficient internal cooling

some advantages

- improvement of part quality
- reduction of cycle times
- increase of mold life
- lower compressed air consumption
- no disposal costs for excess release agent

**micro spraying can be easily installed on GERLIEVA die spray systems
integration on competitive die spray systems or spray robots is also available**