

Injection Pump IP 63-E-B-HGV

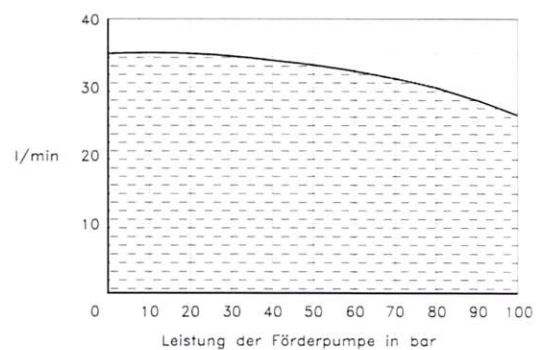
Technical Data



drive mechanism:	electro-hydraulic
power output:	7.5 kW
total power consumption:	8.3 kW
connections	
• electrical:	CEE 16A / 380V AC 50 Hz
• feed pump, suction side	2 x quick fitting II
• feed pump, pressure side:	R 1" internal thread
• feed pump, by-pass:	R 3/4" internal thread
dimensions (length x width x height):	900 x 700 x 1370 (mm)
weight:	approx. 560 kg

Performance

Feed pump	
• pressure:	max. 100 bar ¹⁾
• volume flow rate:	max. 35 l/min ¹⁾



¹⁾ pressure and flow rate continuous controllable
both max. values (pressure and flow rate) not achievable at same time, please refer to graph.

1 bar = $1 \times 10^5 \text{ N / m}^2$

Status: February 2001 technical changes reserved
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Standard features:

Electric drive:	eddy current motor 7.5 kW, 380V, 50 Hz, IP 54 safety switch gate voltage of valves and remote control shifting 24V DC phase angle correction automatically, no zero conductor required
Hydraulic:	oil tank volume 80ltr. oil filler & breather filter oil level & temperature gage oil filter condition indicator
Feed pump:	vertical two-plunger pump, Ø 63mm flow rate per double stroke V = 1 ltr./stroke pump valves hydraulically actuated by-pass valve hydraulically actuated by selector switch adjustable quantity electro-proportional
Feed pressure gaging:	pressure indicator NW 25 with gage 0-100 bar, 4-20A LCD-Display Ø 100mm with G1" VA membrane
Framework:	welded steel frame w. runners central towing device, fork lift guide (lengthwise) paint coating 2K-paint, RAL 5005 (signal blue)
Control devices:	rotary switch for pressure control rotary switch for flow rate control (l/min) on / off switch for electric motor on / off switch for feed pump (off to determine direction of rotation) selector switch for by-pass valve actuation
Accessory parts:	service manual and part list special tools for service and maintenance
Special equipment:	operating hour meter remote-control switch connector for on/off and by-pass mode electronic pressure meter at feed pump different plug types on request different voltage / frequency of drive motor an request
Optional accessory parts:	spare part kits suction and pressure hoses remote-control switch with cable separate switch cabinet with preselector switch for flow rate sitting flow rate meter w. / w/o zero setting electro proportional adjustable feed velocity including connection cable for switch cabinet pressure and flow rate recorder
Supplementary devices:	mixer, supply tank mixstation for solid substance suspensions electronic flow meters, mix and metering devices for waterglass mixtures pressure and flow rate recorders, control units injectionpacker and accessory parts electronic feed pressure meters at injection location