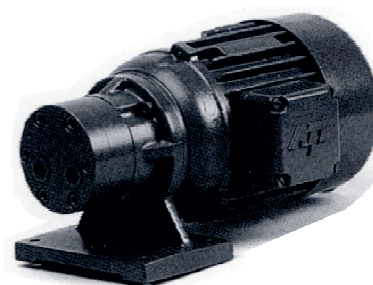
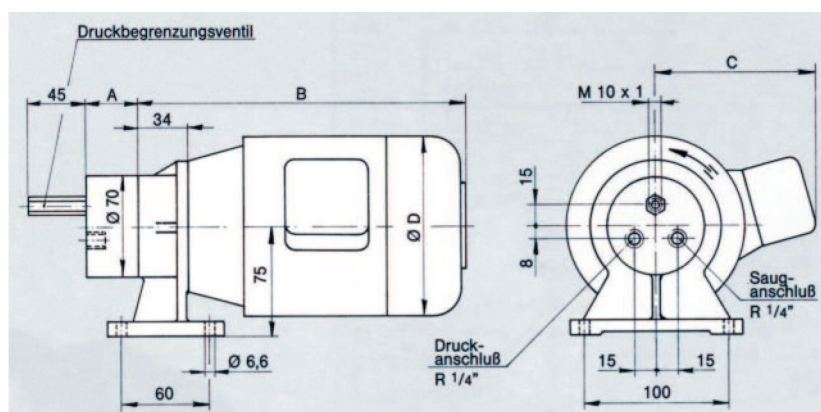


Motor pumps in horizontal construction can be used universal. Next to the direct installation onto a reservoir, the pump can also directly be installed at a machine and suck lubricant up to a suction height of approx. 1 m from an oil sump. Pumps in vertical construction are mainly used for the space-saving installation in reservoirs. Special constructions, like at the flange pumps, can be delivered for divergent operating conditions.

Technical data

Supply volume:	see order table
Operating over pressure:	35 bar
Viscosity:	25 - 600 mm ² /s
Temperature range:	-20 °C to +80 °C
Material:	see flange pumps
Drive:	three phase motor
Size:	63
Form / Flange:	B 14 / C 90
Shaft:	special dimensions
Voltage:	230 / 400 V
Frequency:	50 Hz
Nominal no. of revolutions:	1400 min ⁻¹
Protection class:	IP 55
Isolation class:	F



Dim. (mm)	Motor (kW)				Pump (l/min)					
	0,08	0,12	0,18	0,25	0,1-0,35	0,5+0,7	1,0	1,5+2,0	2,5	3,0
A					35	40	35	40	45	50
B	170	194	214	219	The Motor dimensions are standard dim. that can be divergent depending to the motor brand					
C	93	93	88	88						
D	105	105	125	125						

Order numbers						Multi range voltage*			
Q (l/min)	P (bar)	Motor (kW)	Version		Weight (kg)	Motor (kW)	P (bar)	Version	
			A	B				A	B
0,100	35	0,08	30020010121	30020010321	6,0	0,12	35	30020010123	30020010323
0,200	35	0,08	30020020121	30020020321	6,0	0,12	35	30020020123	30020020323
0,350	35	0,08	30020035121	30020035321	6,0	0,12	35	30020035123	30020035323
0,500	35	0,08	30020050121	30020050321	6,2	0,12	35	30020050123	30020050323
0,700	35	0,18	30020070124	30020070324	7,3	0,12	32	30020070123	30020070323
1,000	35	0,18	30020100124	30020100324	7,1	0,12	30	30020100123	30020100323
1,500	35	0,25	30020150125	30020150325	7,5	0,12	22	30020150123	30020150323
2,000	35	0,25	30020200125	30020200325	7,5	0,12	16	30020200123	30020200323
2,500	30	0,25	30020250125	30020250325	7,7	0,12	12	30020250123	30020250323
3,000	25	0,25	30020300125	30020300325	7,8	0,12	8	30020300123	30020300323

Version A: without pressure limiting valve (no retrofit possible)

Version B: with installed pressure limiting valve, adjusted to max. perm. operating over pressure or acc. to specifications

* Motor 200-250 / 345-440 V at 50 Hz and 220-275 / 380-480 V at 60 Hz for example at 0,18 kW

Subject to alterations!

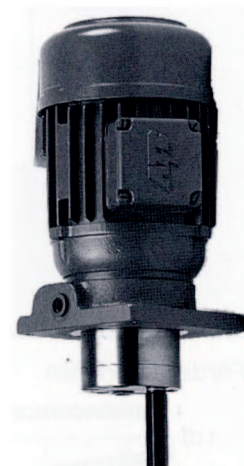
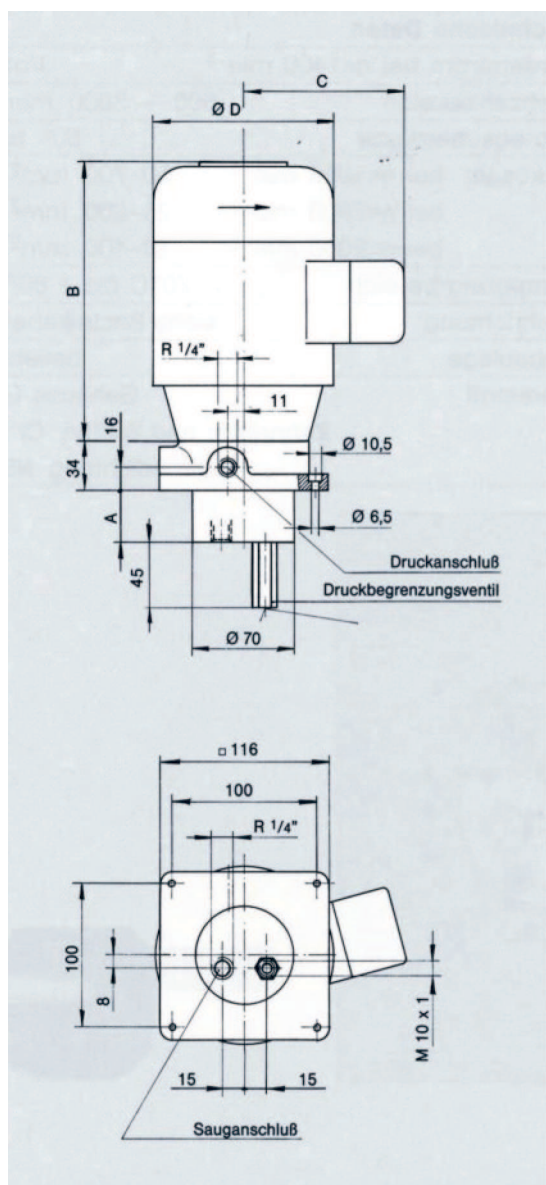
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Gear pumps

Series MZE 0,5 - Motor pumps, vertical



Gear pumps



Dim. (mm)	Motor (kW)				Pump (l/min)					
	0,08	0,12	0,18	0,25	0,1-0,35	0,5+0,7	1,0	1,5+2,0	2,5	3,0
A					35	40	35	40	45	50
B	170	194	214	219	The Motor dimensions are standard dim. that can be divergent depending to the motor brand					
C	93	93	88	88						
D	105	105	125	125						

Order numbers						Multi range voltage*			
Q (l/min)	P (bar)	Motor (kW)	Version		Weight (kg)	Motor (kW)	P (bar)	Version	
			A	B				A	B
0,100	35	0,08	30030010221	30030010421	6,8	0,12	35	30030010223	30030010423
0,200	35	0,08	30030020221	30030020421	6,8	0,12	35	30030020223	30030020423
0,350	35	0,08	30030035221	30030035421	6,8	0,12	35	30030035223	30030035423
0,500	35	0,08	30030050221	30030050421	7,0	0,12	35	30030050223	30030050423
0,700	35	0,18	30030070224	30030070424	8,1	0,12	32	30030070223	30030070423
1,000	35	0,18	30030100224	30030100424	7,9	0,12	30	30030100223	30030100423
1,500	35	0,25	30030150225	30030150425	8,3	0,12	22	30030150223	30030150423
2,000	35	0,25	30030200225	30030200425	8,3	0,12	16	30030200223	30030200423
2,500	30	0,25	30030250225	30030250425	8,5	0,12	12	30030250223	30030250423
3,000	25	0,25	30030300225	30030300425	8,6	0,12	8	30030300223	30030300423

Version A: without pressure limiting valve (no retrofitting possible)

Version B: with installed pressure limiting valve, adjusted to max. perm. operating over pressure or acc. to specifications

* Motor 200-250 / 345-440 V at 50 Hz and 220-275 / 380-480 V at 60 Hz for example at 0,18 kW