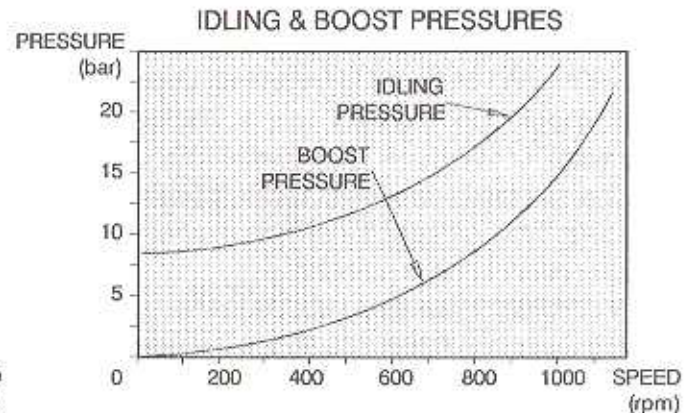
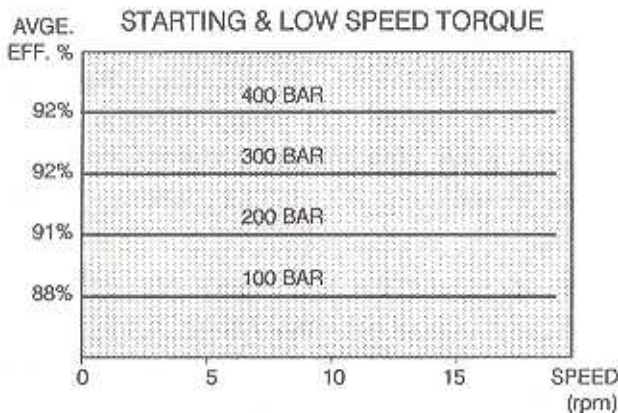
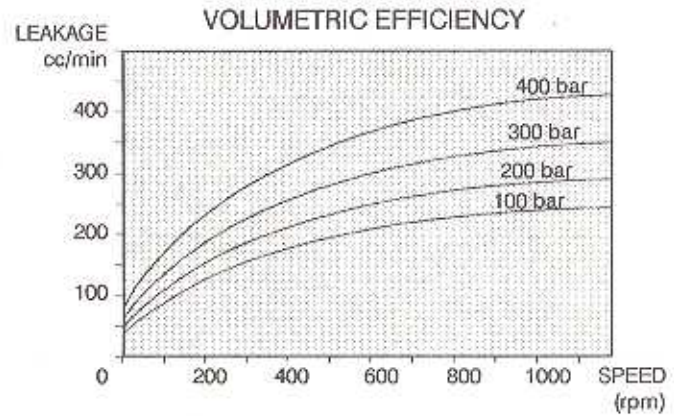
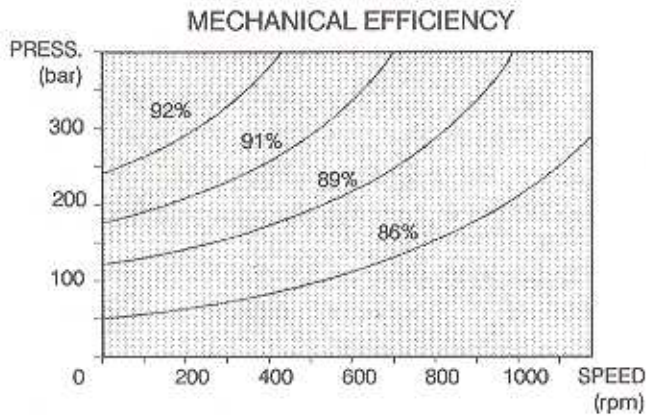


DISPLACEMENT TABLE

Displacement		piston Ø	shaft	Torque	Pressure	Speed	Peak power	
Nominal	cc/rev	mm	stroke	Nm/bar	peak bar	max rpm	HP	KW
40	39	25	16	0.62	600	1200	20	15
60	59	25	24	0.94	575	1200	26	19
75	74	28	24	1.18	550	1200	30	22
90	86	37	16	1.37	525	1200	36	27
110	115	35	24	1.83	500	1000	41	31
130	129	37	24	2.05	450	1000	45	34
150	151	40	24	2.40	400	900	50	37
170	166	42	24	2.64	350	900	50	37
200	191	45	24	3.04	325	800	50	37
210	208	47	24	3.31	300	750	50	37

Approx. weight 12 kg; case oil quantity 0.5 l.

PERFORMANCE NB: the efficiency graphs below are only valid for motors M05 170, 200, 210; for all other motors please contact our technical department.



The values given in the performance graphs are average values in typical working conditions.

VOLUMETRIC EFFICIENCY does not take into account energy losses due to compressibility of the oil.

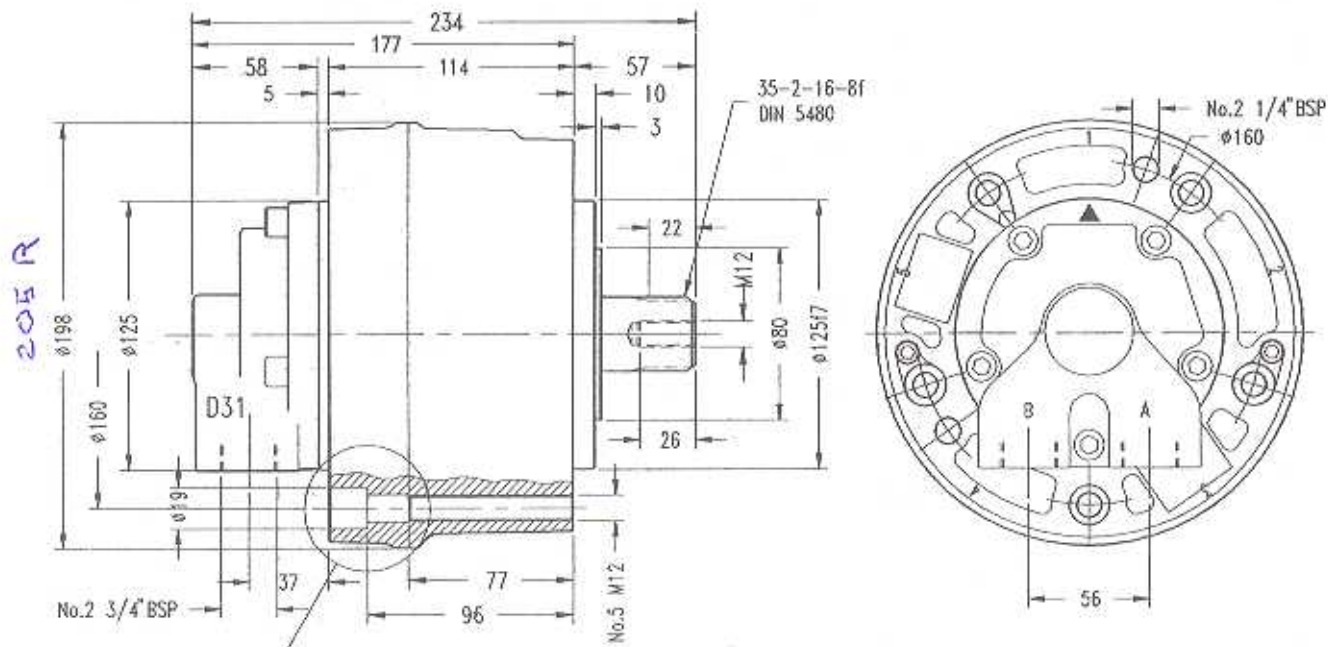
The IDLING pressure is the no-load pressure difference required to turn the motor at the indicated speeds.

The BOOST pressure is the no-load pressure difference set up when the shaft is driven at the indicated speeds.

OPTIONAL SHAFT AVAILABILITY: the tapered and parallel keyed shafts are not available on the motors that have the 16mm shaft stroke (40 and 90 cc motors); male and female DIN 5480 spline shafts are available on all versions.

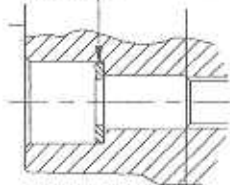
BEARING LIFETIME GRAPH: the B₁₀ lifetime graph opposite refers to the motors with roller bearing option used in most applications. Ball bearings with same dimensions have lower load capacities and give shorter lifetimes under identical working conditions.

STANDARD MOTOR DIMENSIONS

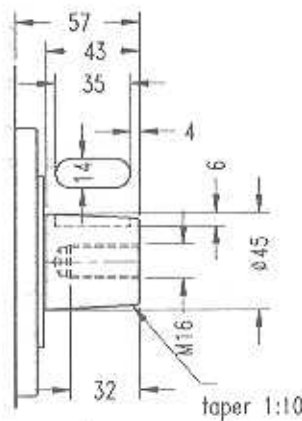


SHAFT OPTIONS

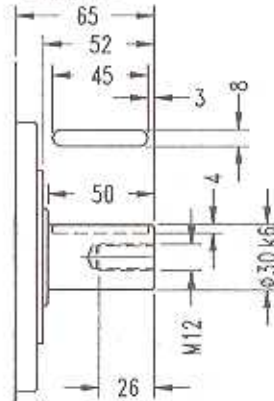
WITH THRU BOLT M10
USE WASHER
10.5x18x2



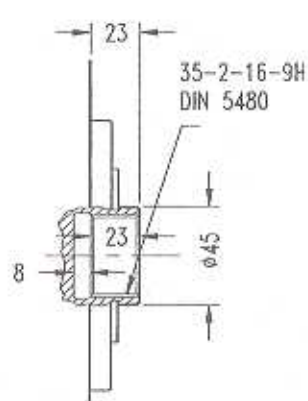
TAPERED



PARALLEL



FEMALE



BEARING LIFETIME: Example, motor P05-75 (piston $\phi 28$) at 250 bar, 200 rpm, B_{10} lifetime = 11'000 hours

