

ULTRA POMPE - GEAR PUMPS

F SERIES

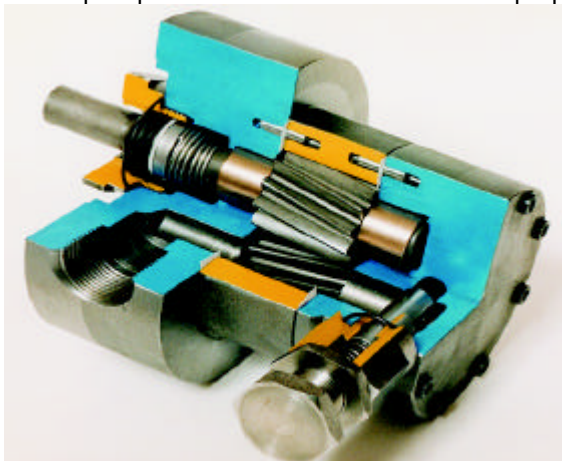
FEATURES

Flanged mounted pump to accomodate direct couplings to B3/B5 UNEL MEC flange shape. Pumps can be bidirectional, depending on seal and safety valve.

Complete packages available including coupling, reducer, motor, and controls. Capacities from 4 to 200 cc/rev

Pressures up to 435 psi (30 bar), standard temperatures up to 428° F (220° C)

These pumps cannot be used with abrasive propeties.



SIZE	VOLUMETRIC DELIVERY (cc/rev)		
	MAX FLOW RATE (l/h)		
			RPM
F4	4	360	1.500
F6	6	540	1.500
F10	10	900	1.500
F14	14	1260	1.500
F21	21	1860	1.500
F28	28	2520	1.500
F35	35	3180	1.500
F42	42	3780	1.500
F48	48	4320	1.500
F56	56	5040	1.500
F72	72	6480	1.500
F93	93	8400	1.500
F114	114	10260	1.500
F144	144	12960	1.500
F200	200	18000	1.500

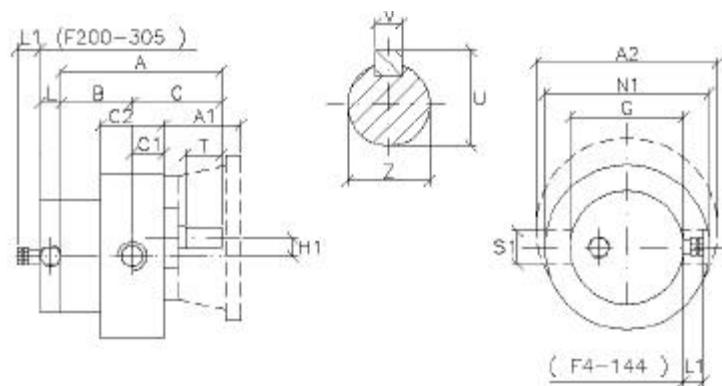
NOTE: DELIVERY, FLOW RATE AND RPM DEPENDENT ON THE FLUID CHARACTERISTICS AND OPERATING CONDITIONS

MATERIAL TABLE:

Pump Housing:	Cast iron from rolled bar (available carbon steel)
Gearshafts:	39 Ni Cr Mo 3. From rolled bar (One Piece)
Shaft Seal:	Single carbon/ceramic/Viton and external Viton Lip Seal as standard
	Availble Silicon Carbide / Viton
Bearings:	Bronze or Nit. Cast iron
Connections:	Standard Threaded and Flanged

Heating Jacket: Optional

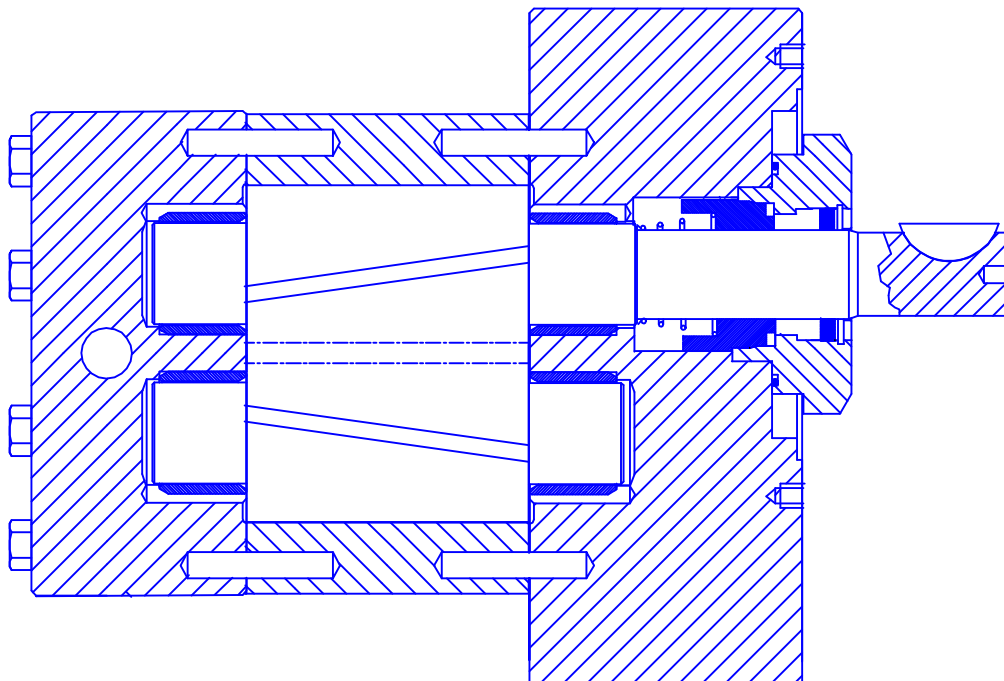
Available Internal Safety Relief Valve



OPERATING PARAMETERS:

VISCOSITY	MIN 0,5	MAX 1.000.000 cSt
PRESSURE	MIN 0	MAX 30 BAR
CAPACITY	MIN 4	MAX 200 cc/rev
TEMPERATURE	MIN -10°C	MAX +240°C

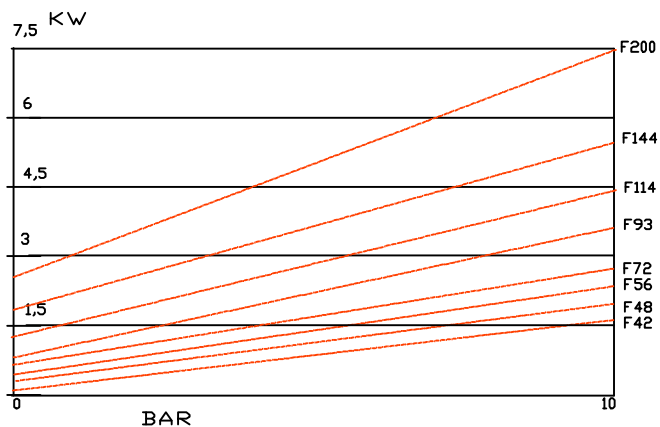
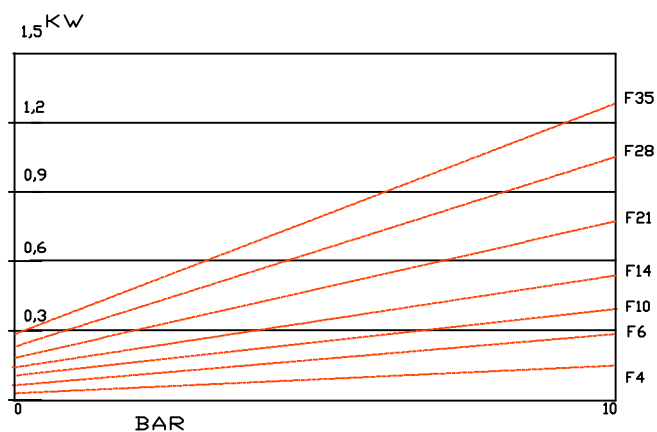
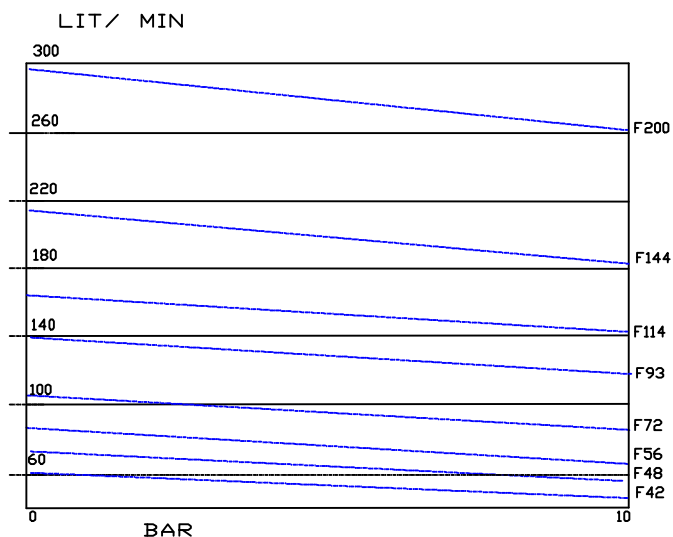
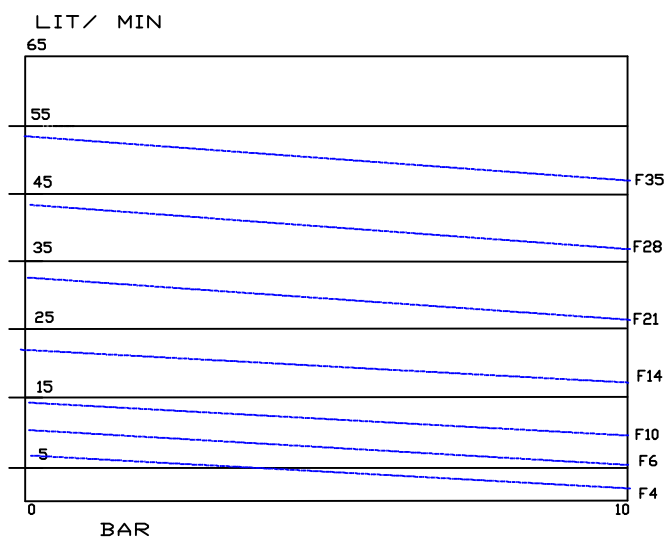
CC/REV	PUMP SIZE	A	B	C	G	L	N1	S1	T	U	V	Z	H1	A1	A2	L1	C1	C2	FRAME SIZE	Kg.
4	F4	149	69	80	110	21	160	1"	30	22	6	19	18	75	160	..	31	62	71A	11
6	F6	153	73	80	110	21	160	1"	30	22	6	19	18	75	160	..	31	62	71B	11
10	F10	160	80	80	110	21	160	1"	30	22	6	19	18	100	200	..	31	62	80A	12
14	F14	167	87	80	110	21	160	1"	30	22	6	19	18	100	200	..	31	62	80B	13
21	F21	180	100	80	110	21	160	1"	30	22	6	19	18	100	200	..	31	62	90S	14
28	F28	192	112	80	110	21	160	1"	30	22	6	19	18	100	200	..	31	62	90L	15
35	F35	205	125	80	110	21	160	1"	30	22	6	19	18	114	250	..	31	62	100	16
42	F42	215	120	95	140	40	190	1 1/2"	35	27	8	24	24	114	250	..	50	90	100	35
48	F48	221	126	95	140	40	190	1 1/2"	35	27	8	24	24	114	250	..	50	90	112	36
56	F56	229	134	95	140	40	190	1 1/2"	35	27	8	24	24	114	250	..	50	90	112	37
72	F72	244	149	95	140	40	190	1 1/2"	35	27	8	24	24	130	300	..	50	90	132S	38
93	F93	253	158	95	140	40	190	1 1/2"	35	22	8	24	24	130	300	..	50	90	132M	39
114	F114	270	175	95	140	40	190	1 1/2"	35	27	8	24	24	160	350	..	50	90	160S	40
144	F144	295	200	95	140	40	190	1 1/2"	35	27	8	24	24	160	350	..	50	90	160M	42
200	F200	295	200	95	140	40	190	1 1/2"	35	27	8	24	24	160	350	70	50	90	160M	42



F SERIES



EXAMPLE VISCOSITY 220° CPS



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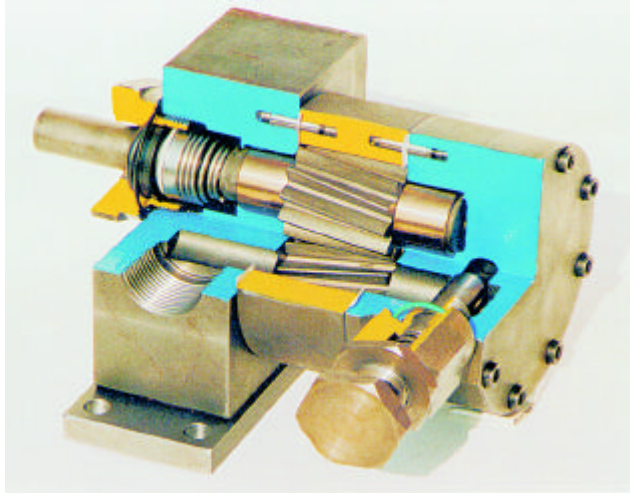
WWW.ULTRAPOMPE.IT e-mail ULTRA@ULTRAPOMPE.IT

ULTRA POMPE - GEAR PUMPS

P SERIES

FEATURES

Foot mounted pump to accommodate axial couplings. Pumps can be bidirectional, depending on seal and safety valve. Complete packages available including coupling, reducer, motor, and controls. Capacities from 4 to 200 cc/rev Pressures up to 435 psi (30 bar), standard temperatures up to 428° F (220° C) These pumps cannot be used with abrasive proprieties.



SIZE

VOLUMETRIC DELIVERY (ccm/rev)
MAX FLOW RATE (l / h)
RPM

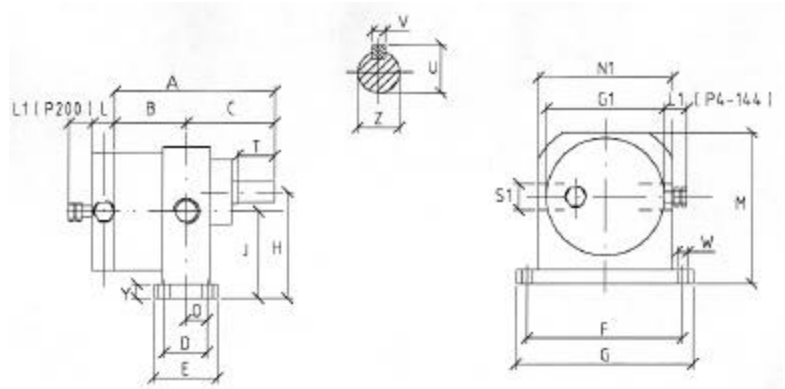
P4	4	360	1.500
P6	6	540	1.500
P10	10	900	1.500
P14	14	1260	1.500
P21	21	1860	1.500
P28	28	2520	1.500
P35	35	3180	1.500
P42	42	3780	1.500
P48	48	4320	1.500
P56	56	5040	1.500
P72	72	6480	1.500
P93	93	8400	1.500
P114	114	10260	1.500
P144	144	12960	1.500
P200	200	18000	1.500

NOTE: DELIVERY, FLOW RATE AND RPM DEPENDENT ON THE FLUID CHARACTERISTICS AND OPERATING CONDITIONS

MATERIAL TABLE:

Pump Housing: Cast iron from rolled bar (available carbon steel)
Gearshafts: 39 Ni Cr Mo 3. From rolled bar (One Piece)
Shaft Seal: Single carbon/ceramic/Viton and external Viton Lip Seal as standard
Available Silicon Carbide / Viton
Bearings: Bronze or Nit. Cast iron
Connections: Standard Threaded and Flanged

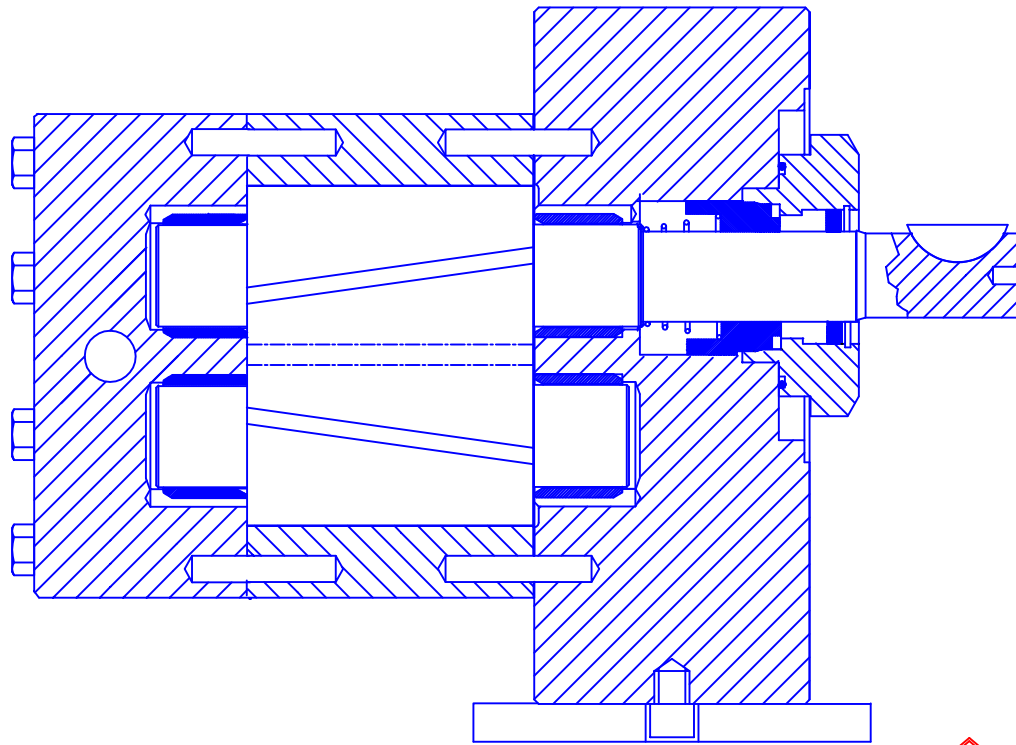
Heating Jacket: Optional
Available Internal Safety Relief Valve



OPERATING PARAMETERS:

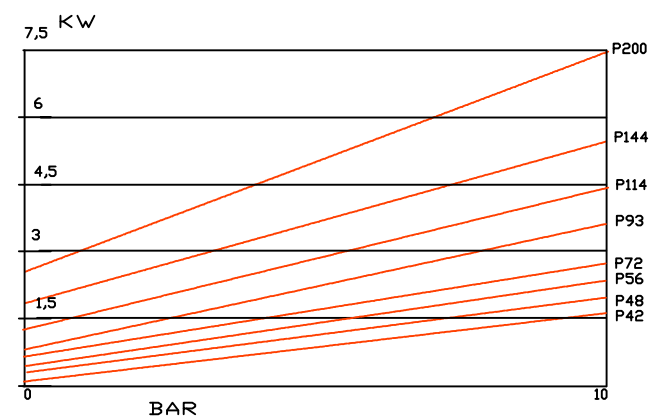
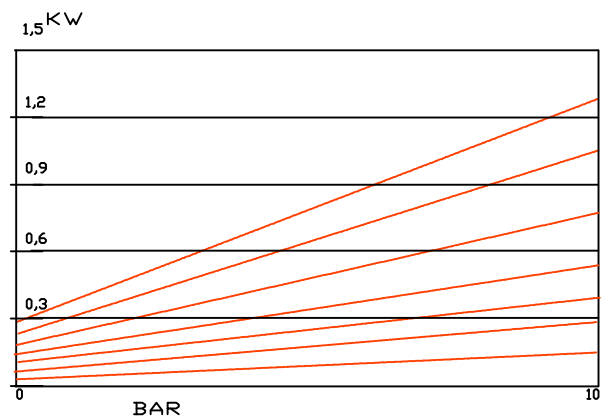
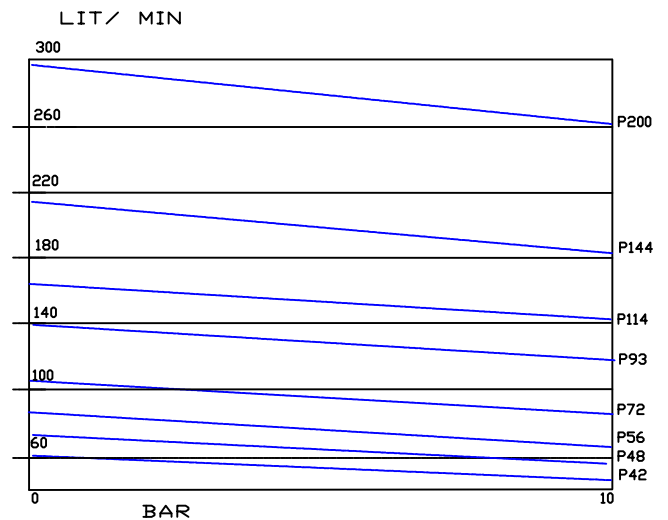
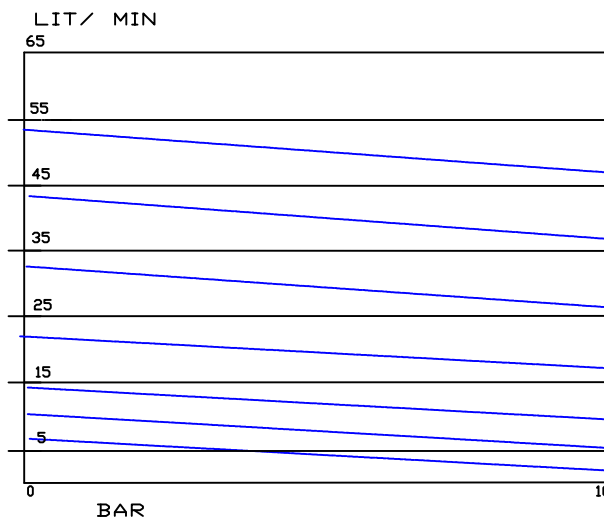
VISCOSITY MIN 0,5 MAX 1.000.000 cSt
PRESSURE MIN 0 MAX 30 BAR
CAPACITY MIN 4 MAX 200 cc/rev
TEMPERATURE MIN -10°C MAX +240°C

CC/REV	PUMP SIZE	A	B	C	D	E	F	G	H	J	G1	L	L1	M	N1	O	S1	T	U	V	Z	W	Y	Kg
4	P4	149	69	80	40	60	140	160	89	71	110	21		132	120	20	1"	35	22	6	19	10	12	11
6	P6	153	73	80	40	60	140	160	89	71	110	21		132	120	20	1"	35	22	6	19	10	12	11
10	P10	160	80	80	40	60	140	160	89	71	110	21		132	120	20	1"	35	22	6	19	10	12	12
14	P14	167	87	80	40	60	140	160	89	71	110	21		132	120	20	1"	35	22	6	19	10	12	13
21	P21	180	100	80	40	60	140	160	89	71	110	21		132	120	20	1"	35	22	6	19	10	12	14
28	P28	192	112	80	40	60	140	160	89	71	110	21		132	120	20	1"	35	22	6	19	10	12	15
35	P35	205	125	80	40	60	140	160	89	71	110	21		132	120	20	1"	35	22	6	19	10	12	16
42	P42	215	120	95	55	80	205	230	118	93	140	40		171	152	27,5	1 1/2"	40	27	8	24	12	15	35
48	P48	221	126	95	55	80	205	230	118	93	140	40		171	152	27,5	1 1/2"	40	27	8	24	12	15	36
56	P56	229	134	95	55	80	205	230	118	93	140	40		171	152	27,5	1 1/2"	40	27	8	24	12	15	37
72	P72	244	149	95	55	80	205	230	118	93	140	40		171	152	27,5	1 1/2"	40	27	8	24	12	15	38
93	P93	253	158	95	55	80	205	230	118	93	140	40		171	152	27,5	1 1/2"	40	27	8	24	12	15	39
114	P114	270	175	95	55	80	205	230	118	93	140	40		171	152	27,5	1 1/2"	40	27	8	24	12	15	40
144	P144	295	200	95	55	80	205	230	118	93	140	40		171	152	27,5	1 1/2"	40	27	8	24	12	15	42
200	P200	295	200	95	55	80	205	230	118	93	140	40	70	171	152	27,5	1 1/2"	40	27	8	24	12	15	42



P SERIES

EXAMPLE VISCOSITY 220° CPS



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