Polígono Ugarte, 15
20720 Azkoitia
+34 943 852 600
+34 943 851 643
intza@intza.com

INTZA LUBRICATION SYSTEMS

Gear pump units

Lubricant..... Mineral and synthetic oils
Lubricant temperature.....-15°C ÷ +70°C
Operating viscosity..... 20 ÷ 200 cSt
Suction height..... 1000 mm (use maximum section)
Mounting position..... vertical or horizontal
Maximum continuous pressure..... 0.5 a 1.5 l/min = 225 bar
2 l/min = 175 bar
Motor power..... It can be calculated using the following equation:

$$\text{Pressure (bar)} = \frac{\text{Power (kW)} \times 600}{\text{Flow rate (l/min)}}$$

Motor mounting arrangement.....B5
Standard voltage.....230/400V
Frequency..... 50/60Hz
rpm standard.....1500
Operation mode..... S1

The motors mounted using a standard way are from known and approved commercial firms. In case you would have preference on a particular brand please consult us or specify your preference in your order.
Before start up check the rotation direction.

2035 X X X X X X – X

X	Flow rate litres/minute
1	0.5
2	0.75
3	1
4	1.25
5	1.5
6	2

X	Motor power
1	0.18kW
2	0.25kW
3	0.37kW
4	0.55kW

X	Motor brand
0	Without
1	Standard

Please indicate preference on a particular brand

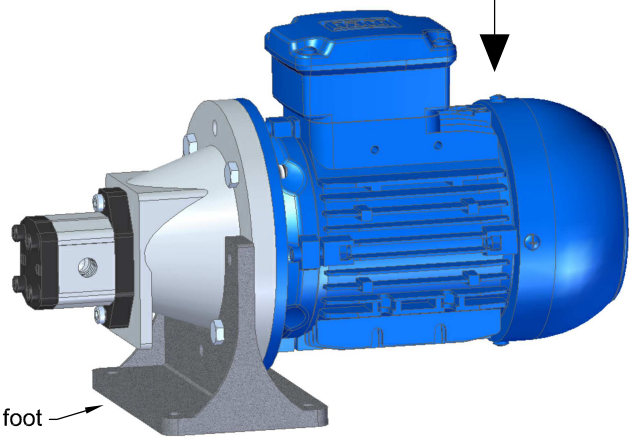
X	Voltage
0	Without
3	230/400V

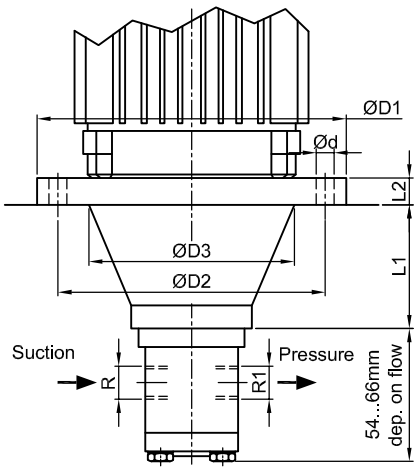
X	Hz
0	Without
5	50/60Hz

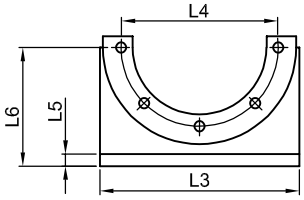
X	rpm
0	Without
5	1500

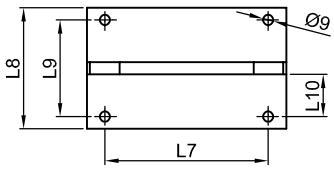
–

X	Foot support
–	Without
P	With









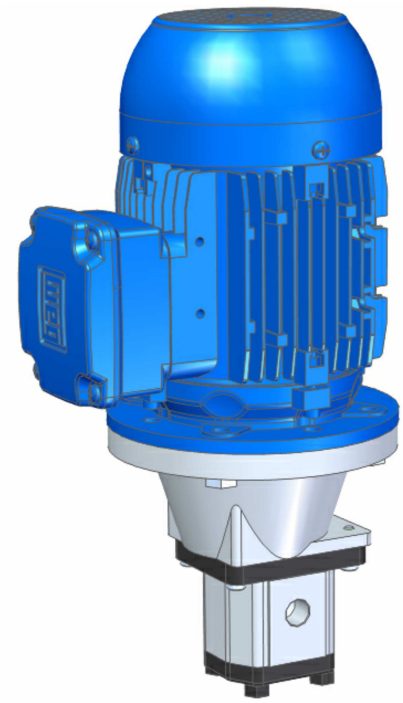
Motor power	Ød	ØD1	ØD2	ØD3	L1	L2	R	R1
0.18kW	9.5	140	115	100	49	11	1/4 BSP	1/4 BSP
0.25kW-0.37kW	9.5	160	130	114	56	14		
0.55kW	11.5	200	165	135	80	15		

Foot support dimensions

L3	L4	L5	L6	L7	L8	L9	L10
–	–	–	–	–	–	–	–
165	130	10	98	135	100	80	35
202	165	22	123	168	125	103	42.5

Polígono Ugarte, 15
20720 Azkoitia
+34 943 852 600
+34 943 851 643
intza@intza.com

INTZA LUBRICATION SYSTEMS



Gear pump units

Lubricant.....mineral and synthetic oils
Lubricant temperature.....-15°C ÷ +70°C
Operating viscosity..... 20 ÷ 200 cSt
Suction height.....1000 mm (use maximum section)
Mounting position.....vertical or horizontal
Maximum continuous pressure.....

l/min	1.5	3	5	7.5	10
bar	275	275	240	185	135

Motor power.....It can be calculated using the following equation:

$$\text{Pressure (bar)} = \frac{\text{Power (kW)} \times 600}{\text{Flow rate (l/min)}}$$

Motor mounting arrangement..... B5
Standard voltage.....230/400V
Frequency..... 50/60Hz
rpm standard..... 1500
Operation mode.....S1
Energy efficiency..... IE2 (≥0.75kW)

The motors mounted using a standard way are from known and approved commercial firms. In case you would have preference on a particular brand please consult us or specify your preference in your order.
Before start up check the rotation direction.

2031 X X X X X X – X

X	Flow rate litres/minute
1	1.5
2	3
3	5
4	7.5
5	10

X	Motor power
1	0.18kW
2	0.25kW
3	0.37kW
4	0.55kW
5	0.75kW
6	1.1kW
7	1.5kW

X	Motorbrand
0	Without
1	Standard

Please indicate any preference on a particular brand.

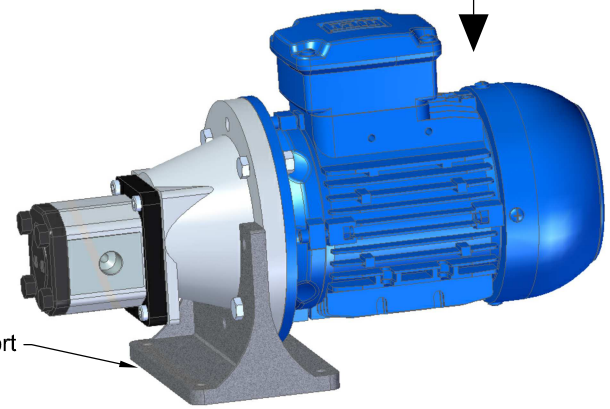
X	Voltage
0	Without
3	230/400V

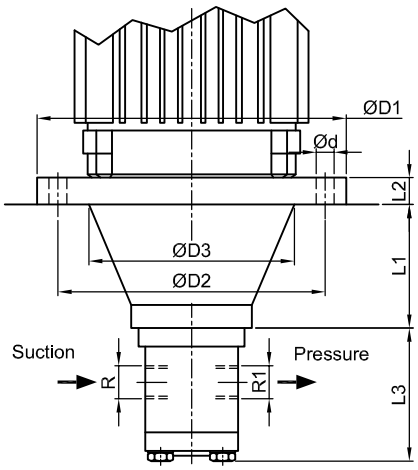
X	Hz
0	Without
5	50/60Hz

X	rpm
0	Without
5	1500

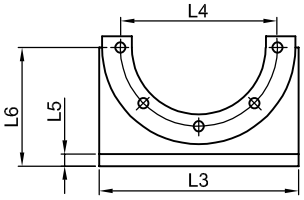
–

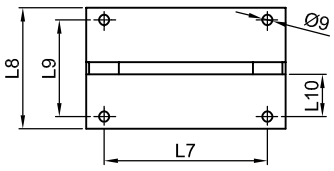
X	Foot support
–	Without
P	With





Flow rate	L3	R	R1
1.5 l/min	68	3/8 BSP	1/4 BSP
3 l/min	73		
5 l/min	80		
7.5 l/min	88	1/2 BSP	3/8 BSP
10 l/min	97		





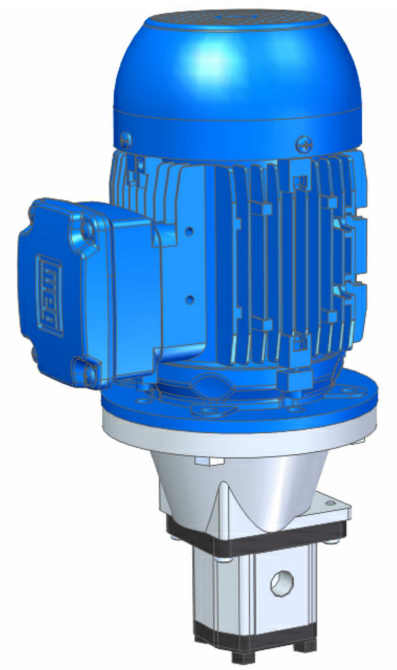
Motor power	Ød	ØD1	ØD2	ØD3	L1	L2
0.18kW	9.5	140	115	100	49	11
0.25kW-0.37kW	9.5	160	130	114	56	14
0.55kW-0.75kW	11.5	200	165	135	80	15
1.1kW-1.5kW	11.5	200	165	135	80	15

Foot support dimensions

L3	L4	L5	L6	L7	L8	L9	L10
–	–	–	–	–	–	–	–
165	130	10	98	135	100	80	35
202	165	22	123	168	125	103	42.5
202	165	22	123	168	125	103	42.5

Polígono Ugarte, 15
20720 Azkoitia
+34 943 852 600
+34 943 851 643
intza@intza.com

INTZA LUBRICATION SYSTEMS



Gear pump units

Lubricant.....mineral and synthetic oils
Lubricant temperature.....-15°C ÷ +70°C
Operating viscosity..... 20 ÷ 200 cSt
Suction height.....1000 mm (use maximum section)
Mounting position..... vertical or horizontal
Maximum continuous pressure.....

l/min	6 a 18	22-24	27	35	40
bar	275	250	225	180	170

Motor power.....It can be calculated using the following equation:

$$\text{Pressure (bar)} = \frac{\text{Power (kW) x 600}}{\text{Flow rate (l/min)}}$$

Motor mounting arrangement.....B5
Standard voltage.....230/400V
Frequency..... 50/60Hz
rpm standard.....1500
Operation mode.....S1
Energy efficiency..... IE2 (≥0.75kW)

The motors mounted using a standard way are from known and approved commercial firms. In case you would have preference on a particular brand please consult us or specify your preference in your order..
Before start up check the rotation direction..

2032 (X)(X)(X)(X)(X)(X) – (X)

X	Flow rate litres/minute
1	6
2	9
3	12
4	16
5	18
6	22
7	24
8	27
9	35
0	40

X	Motor power
2	0.25kW
3	0.37kW
4	0.55kW
5	0.75kW
6	1.1kW
7	1.5kW
8	2.2kW
9	3kW

X	Motor brand
0	Without
1	Standard

Please indicate any preference on a particular brand.

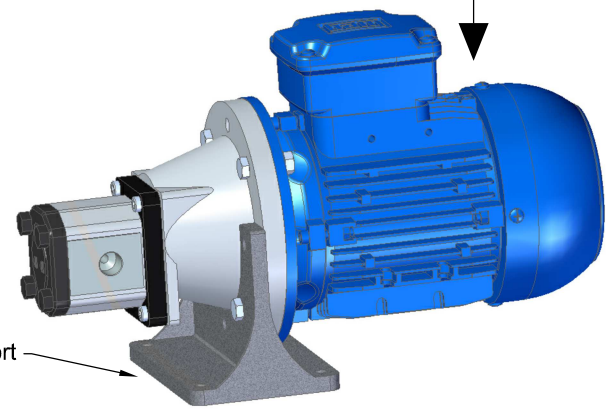
X	Voltage
0	Without
3	230/400V

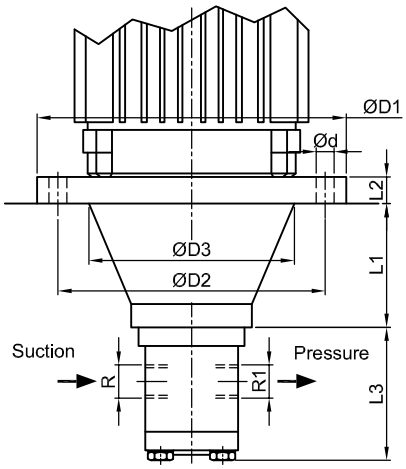
X	Hz
0	Without
5	50/60Hz

X	rpm
0	Without
5	1500

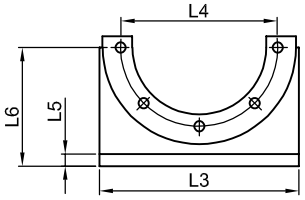
–

X	Foot support
–	Without
P	With





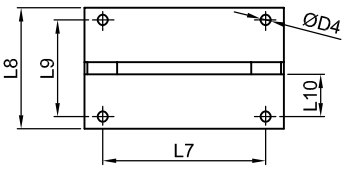
Flow rate	L3	R	R1
6 l/min	90	1/2 BSP	3/8 BSP
9 l/min	93		
12 l/min	97		
16 l/min	101		
18 l/min	104		
22 l/min	108		
24 l/min	110	3/4 BSP	1/2 BSP
27 l/min	113		
35 l/min	123		
40 l/min	127		



Motor power	Ød	ØD1	ØD2	ØD3	L1	L2
0.25kW-0.37kW	9.5	160	130	114	56	14
0.55kW-0.75kW	11.5	200	165	135	80	15
1.1kW-1.5kW	11.5	200	165	135	80	15
2.2kW-3kW	14	250	215	185	84	21

Foot support dimensions

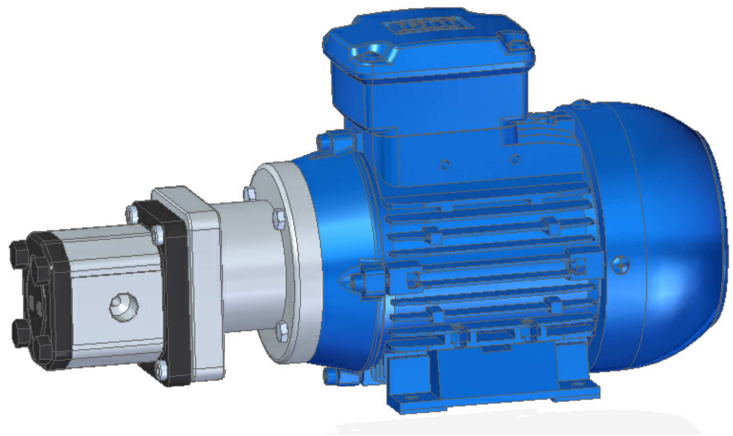
L3	L4	L5	L6	L7	L8	L9	L10	ØD4
165	130	10	98	135	100	80	35	9
202	165	22	123	168	125	103	42.5	9
202	165	22	123	168	125	103	42.5	9
252	215	25	150	220	155	130	92.5	11



Polígono Ugarte, 15
20720 Azkoitia
+34 943 852 600
+34 943 851 643
intza@intza.com

INTZA
LUBRICATION SYSTEMS

Gear pump units



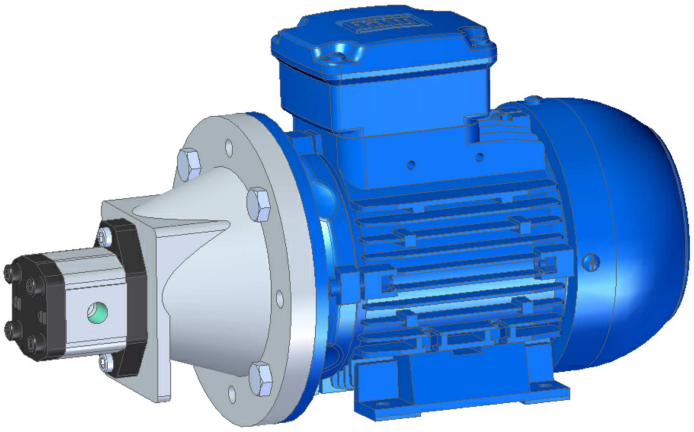
Lubricant.....mineral and synthetic oils
Lubricant temperature..... -15°C ÷ +70°C
Operating viscosity..... 20 ÷ 200 cSt
Suction height..... 1000 mm
(use maximum section)
Mounting position.....vertical or horizontal
(horizontal above oil level)
Suction pressure.....maximum 2 bar
Outlet pressure..... see table
(for other pressures see other motor powers)
Motor mounting arrangement.....B3 / B14
Voltage.....230/400V
Frequency.....50/60Hz
rpm.....1500
Power..... 0.37kW
Operation mode..... S1
Energy efficiency..... IE2

The motors mounted using a standard way are from known and approved commercial firms. In case you would have preference on a particular brand please consult us of specify your preference in your order.
Before start up check the rotation direction.

Reference	Flow rate	Maximum pressure	Suction hole	Pressure hole
204 005 135	1.5 l/min	140 bar	3/8 BSP	1/4 BSP
204 010 135	3 l/min	70 bar		
204 015 135	5 l/min	40 bar		
204 020 135	7.5 l/min	25 bar	1/2 BSP	3/8 BSP
204 025 135	10 l/min	20 bar		

Polígono Ugarte, 15
20720 Azkoitia
+34 943 852 600
+34 943 851 643
intza@intza.com

INTZA LUBRICATION SYSTEMS



Gear pump units

Lubricant..... mineral and synthetic oils
Lubricant temperature..... -15°C ÷ +70°C
Operating viscosity..... 20 ÷ 200 cSt
Suction height..... 1000 mm
(use maximum section)
Mounting position..... vertical or horizontal
Max. continuous pressure.....0.5 to 1.5 l/min = 225 bar
2 l/min = 175 bar
Motor power..... It can be calculated using this equation:

$$\text{Pressure (bar)} = \frac{\text{Power (kW)} \times 600}{\text{Flow rate (l/min)}}$$

Motor mounting arrangement.....B3/B5
Standard voltage..... 230/400V
Frequency..... 50/60Hz
rpm standard.....1500
Operation mode..... S1

The motors mounted using a standard way are from known and approved commercial firms. In case you would have preference on a particular brand please consult us or specify your preference in your order..
Before start up check the rotation direction.

2045 X X X X X X

X	Flow rate litres/minute	Suction hole thread	Pressure hole thread
1	0.5	1/4 BSP	1/4 BSP
2	0.75		
3	1		
4	1.25		
5	1.5		
6	2		

X	Motor power
1	0.18kW
2	0.25kW
3	0.37kW
4	0.55kW

X	Motor brand
0	Without
1	Standard

Please indicate any preference on a particular brand.

X	Voltage
0	Without
3	230/400V

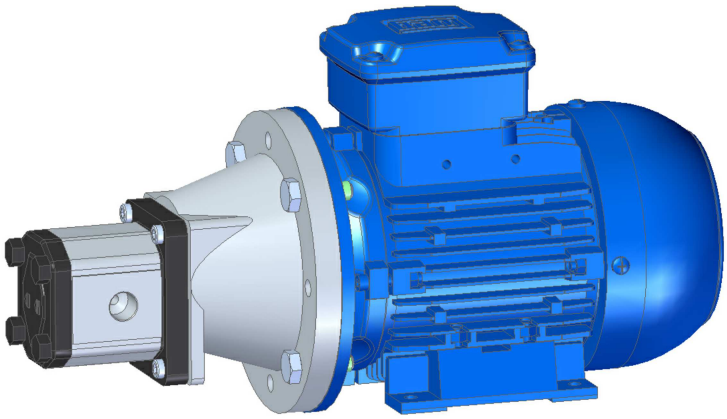
X	Hz
0	Without
5	50/60Hz

X	rpm
0	Without
5	1500

Polígono Ugarte, 15
20720 Azkoitia
+34 943 852 600
+34 943 851 643
intza@intza.com

INTZA
LUBRICATION SYSTEMS

Gear pump units



Flow rate	Suction hole thread	Pressure hole thread
1.5 - 3 - 5 l/min	3/8 BSP	1/4 BSP
7.5 - 10 l/min	1/2 BSP	3/8 BSP

Lubricant..... Mineral and synthetic oils
Lubricant temperature..... -15°C ÷ +70°C
Operating viscosity..... 20 ÷ 200 cSt
Suction height.....1000 mm
(use maximum section)
Mounting position..... vertical or horizontal
Max. continuous pressure.....

l/min	1,5	3	5	7,5	10
bar	275	275	240	185	135

Motor power..... It can be calculated using the following equation:

$$\text{Pressure (bar)} = \frac{\text{Power (kW)} \times 600}{\text{Flow rate (l/min)}}$$

Motor mounting arrangement.....B3/B5
Standard voltage..... 230/400V
Frequency..... 50/60Hz
rpm standard.....1500
Operation mode..... S1
Energy efficiency..... IE2 (≥0,75kW)

The motors mounted using a standard way are from known and approved commercial firms. In case you would have preference on a particular brand please consult us or specify your preference in your order.
Before start up check the rotation direction.

2043 X X X X X X

X	Flow rate litres/minute
1	1.5
2	3
3	5
4	7.5
5	10

X	Power motor
1	0.18kW
2	0.25kW
3	0.37kW
4	0.55kW
5	0.75kW
6	1.1kW
7	1.5kW

X	Motor brand
0	Without
1	Standard

Please indicate any preference on a particular brand.

X	Voltage
0	Without
3	230/400V

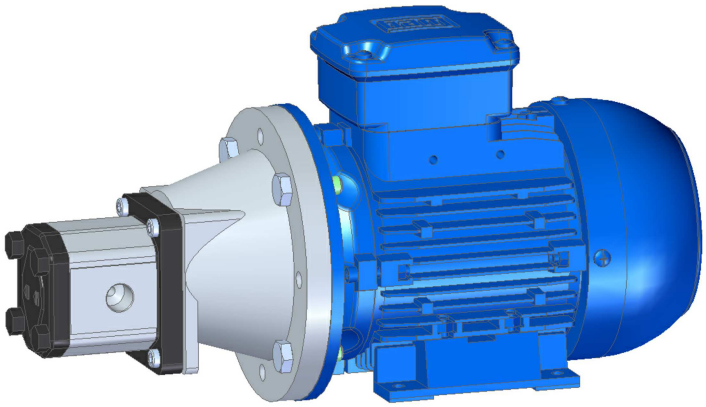
X	Hz
0	Without
5	50/60Hz

X	rpm
0	Without
5	1500

Polígono Ugarte, 15
20720 Azkoitia
+34 943 852 600
+34 943 851 643
intza@intza.com

INTZA LUBRICATION SYSTEMS

Gear pump units



Flow rate	Suction hole	Pressure hole
6 - 9 - 12 - 16 - 18 - 22 l/min	1/2 BSP	3/8 BSP
24 - 27 - 35 - 40 l/min	3/4 BSP	1/2 BSP

Lubricant.....mineral and synthetic oils
Lubricant temperature..... -15°C ÷ +70°C
Operating viscosity..... 20 ÷ 200 cSt
Suction height.....1000 mm
(use maximum section)
Mounting position..... vertical or horizontal
Max. continuous pressure.....

l/min	6 a 18	22-24	27	35	40
bar	275	250	225	180	170

Motor power..... It can be calculated using this equation:

$$\text{Pressure (bar)} = \frac{\text{Power (kW) x 600}}{\text{Flow rate (l/min)}}$$

Motor mounting arrangement..... B3/B5
Standard voltage..... 230/400V
Frequency.....50/60Hz
rpm standard.....1500
Operation mode.....S1
Energy efficiency..... IE2 (≥0,75kW)

The motors mounted using a standard way are from known and approved commercial firms. In case you would have preference on a particular brand please consult us or specify your preference in your order.
Before start up check the rotation direction.

2044 (X)(X)(X)(X)(X)(X) /IE3

X	Flow rate litres/minute
1	6
2	9
3	12
4	16
5	18
6	22
7	24
8	27
9	35
0	40

X	Motor power
2	0.25kW
3	0.37kW
4	0.55kW
5	0.75kW
6	1.1kW
7	1.5kW
8	2.2kW
9	3kW
0	4kW

X	Motor brand
0	Without
5	Siemens

Please indicate any preference on a particular brand.

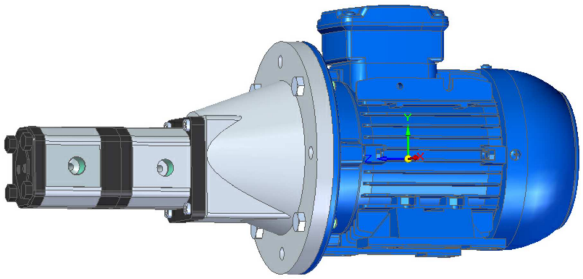
X	Voltage
0	Without
3	230/400V

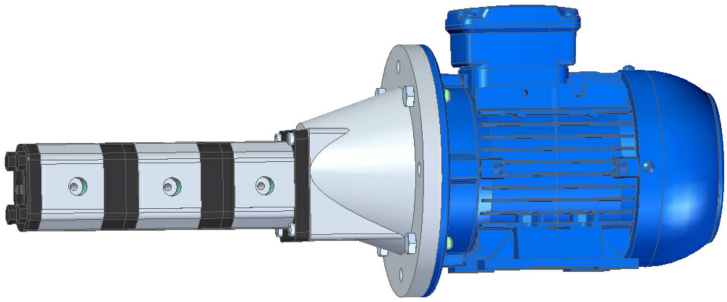
X	Hz
0	Without
5	50/60Hz

X	rpm
0	Without
5	1500

Polígono Ugarte, 15
20720 Azkoitia
+34 943 852 600
+34 943 851 643
intza@intza.com

INTZA LUBRICATION SYSTEMS





Gear pump units

Lubricant.....mineral and synthetic oils
Lubricant temperature..... -15°C ÷ +70°C
Operating viscosity..... 20 ÷ 200 cSt
Suction height.....1000 mm
(use maximum section)
Mounting position..... vertical or horizontal
Max. continuous pressure.....

l/min	1.5	3	5	7.5	10
bar	275	275	240	185	135

Motor power.....It can be calculated using this equation:

$$\text{Pressure (bar)} = \frac{\text{Power (kW)} \times 600}{\text{Flow rate (l/min)}}$$

Motor mounting arrangement..... B3/B5
Standard voltage..... 230/400V
Frequency..... 50/60Hz
rpm standard.....1500
Operation mode..... S1
Energy efficiency..... IE2 (≥0.75kW)

The motors mounted using a standard way are from known and approved commercial firms. In case you would have preference on a particular brand please consult us or specify your preference in your order.
Before start up check the rotation direction.

Flow rate	Suction hole thread	Pressure hole thread
1.5 - 3 - 5 l/min	3/8 BSP	1/4 BSP
7.5 - 10 l/min	1/2 BSP	3/8 BSP

204 X X X X X X X

X	Flow rate litres/minute
61	1.5-1.5
62	3-1.5
63	3-3
64	5-1.5
65	5-3
66	5-5
67	7.5-1.5
68	7.5-3
69	7.5-5
70	7.5-7.5
71	10-1.5
72	10-3
73	10-5
74	10-7.5
75	10-10
81	1.5-1.5-1.5
83	3-3-3
85	5-5-5
86	7.5-7.5-7.5
87	10-10-10

X	Motor power
1	0.18kW
2	0.25kW
3	0.37kW
4	0.55kW
5	0.75kW
6	1.1kW
7	1.5kW

X	Motor brand
0	Without
1	Standard

Please indicate any preference on a particular brand.

X	Voltage
0	Without
3	230/400V

X	Hz
0	Without
5	50/60Hz

X	rpm
0	Without
5	1500