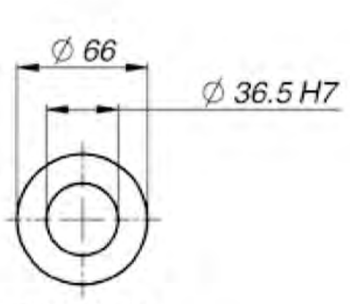
Speed-up Gearboxes Series 71000
20 kW - Aluminium - Outlet pump flange Gr. 3
INSTALLATION DRAWING



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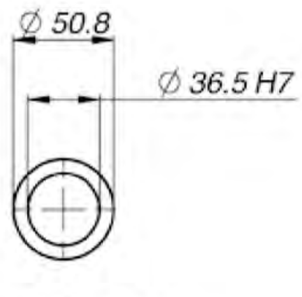

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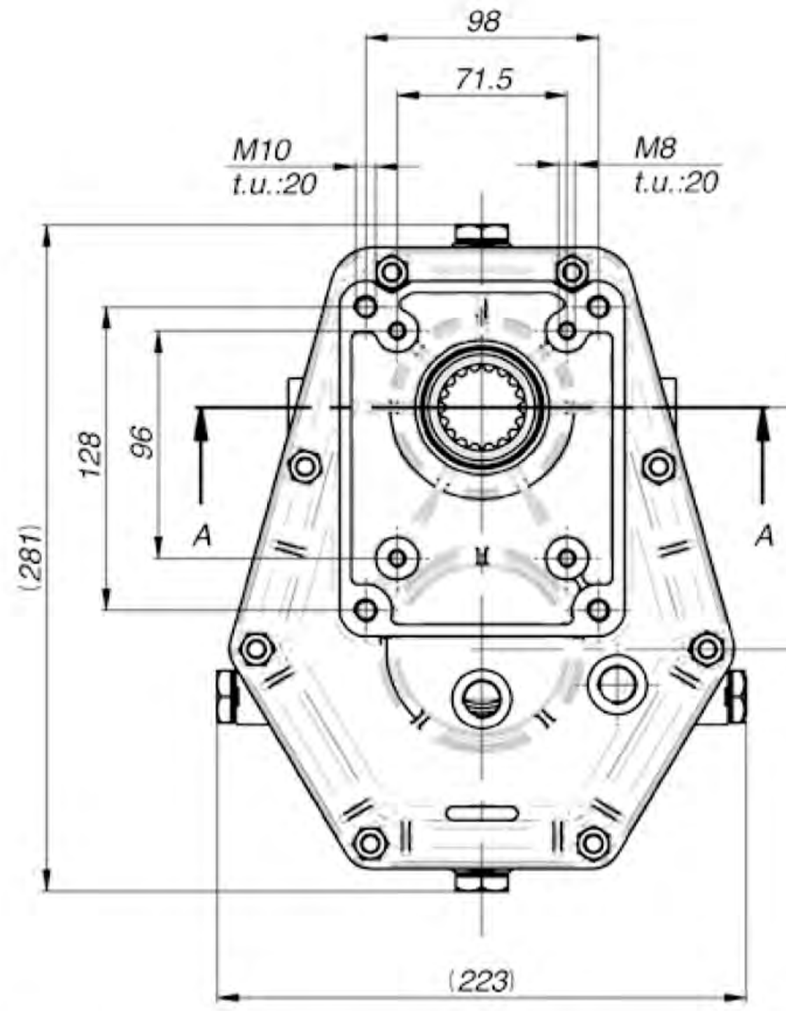

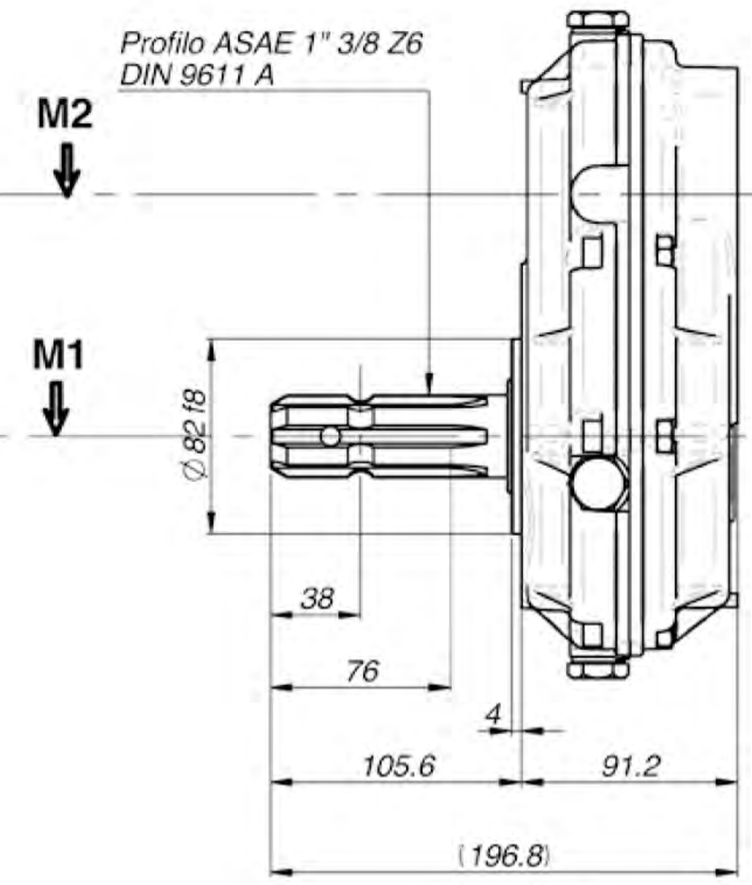

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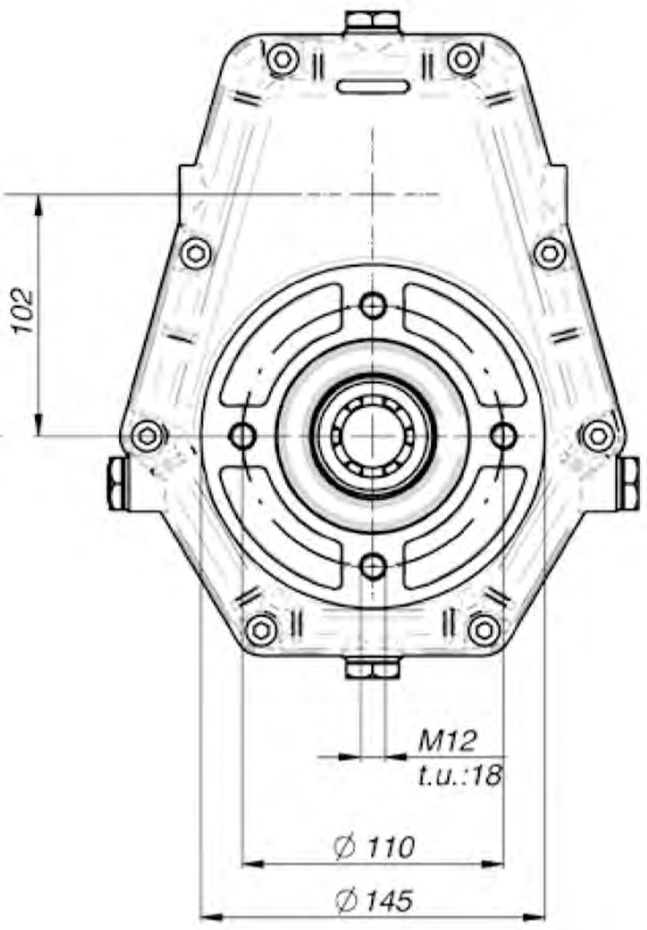
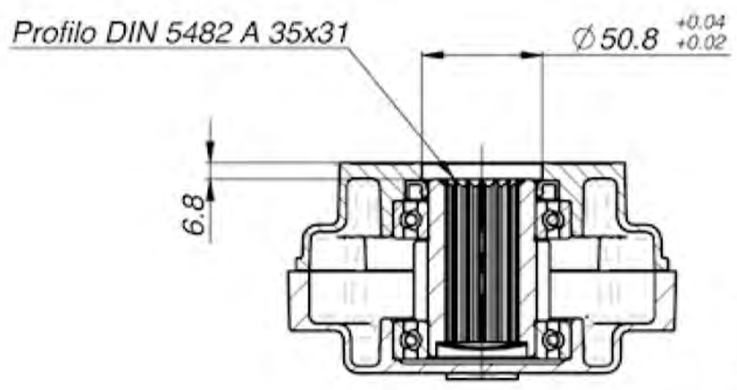
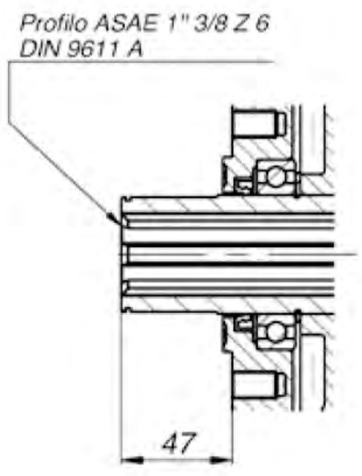




SEZIONE A-A



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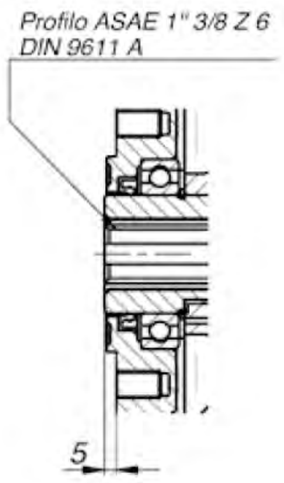

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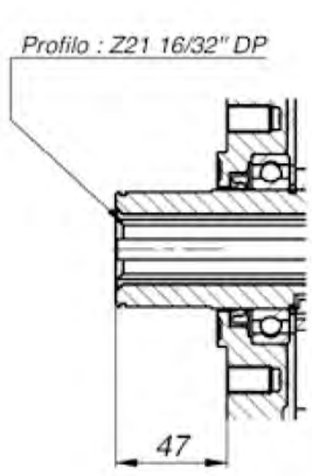

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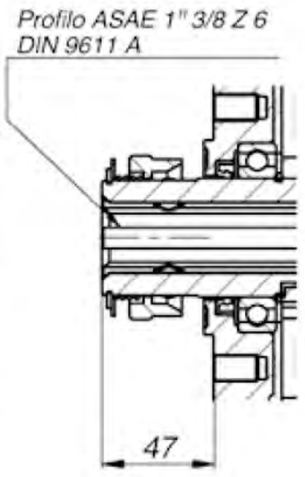


71004

Housing oil capacity : lt 0,350

INPUT TORQUE M1 daNm	OUTPUT TORQUE M2 daNm	INPUT SPEED N1 n/min.	OUTPUT SPEED N2 n/min.	RATIO N2 /N1	POWER kW	MASS kg
31	31	540	540	1	20	8,4
38	26	540	810	1,5	20	8,4
43	21	540	1080	2	20	8,4
46	18	540	1408	2,5	20	8,4
49	16	540	1620	3	20	8,4
46	13	540	1836	3,5	20	8,4
43,7	11,5	540	2057	3,8	20	8,4

Speed-up Gearboxes Series 71000
20 kW - Aluminium - Outlet pump flange Gr. 3

ORDER CODE

7100 | 1 - 1 - | - 96100

Speed-Up Gearbox Series 71000
Outlet pump flange Gr. 3

Inlet shaft:

1 - Male shaft ASAE 1-3/8”
2 - Long Female shaft ASAE 1-3/8”
3 - Short Female shaft ASAE 1-3/8”
4 - Quick Coupling Female shaft ASAE 1-3/8”

Flanges: see page ....

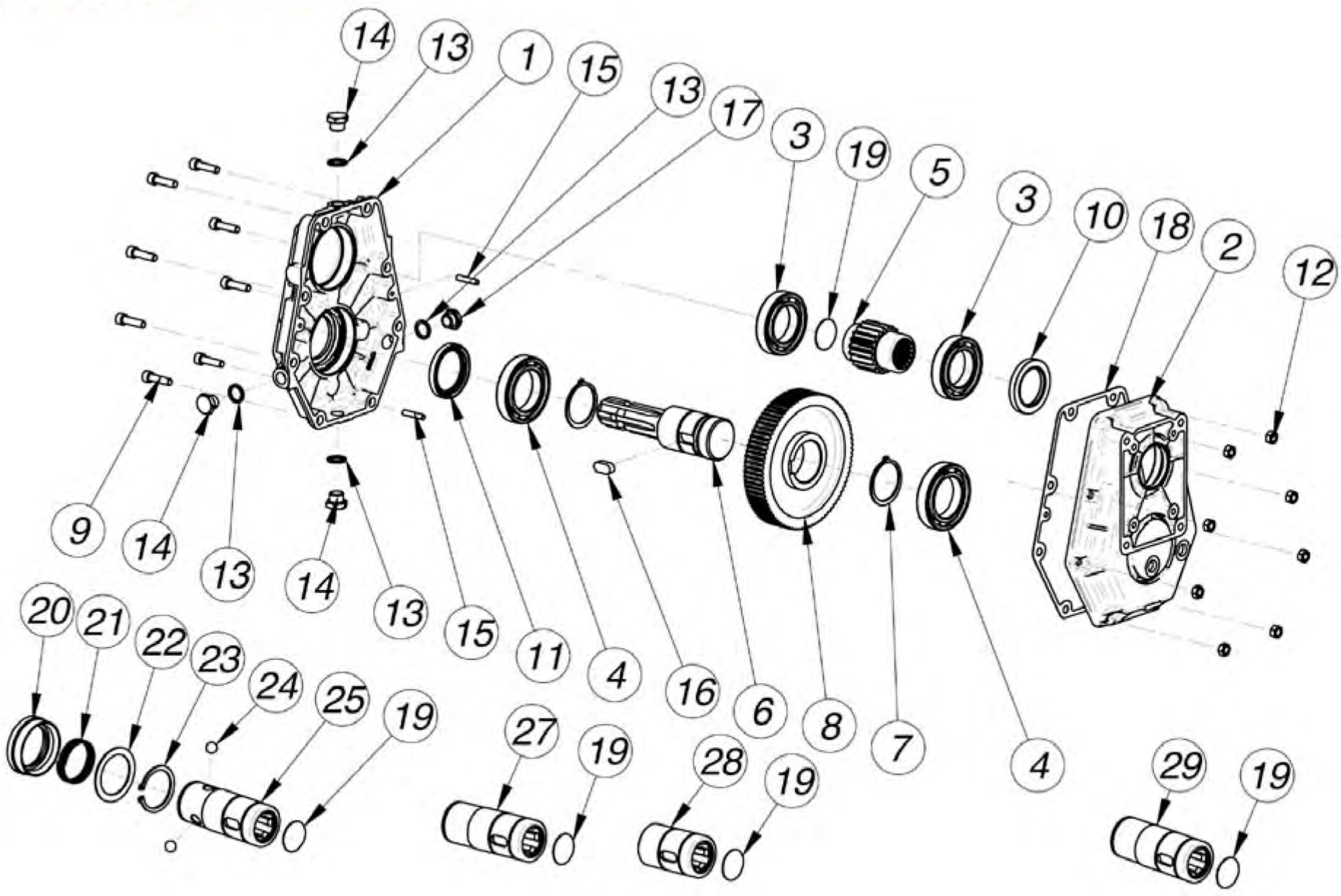
Special versions

Gear Ratio N2 / N1

Code -	Ratio	Shaft	1	2	3	4
0 -	1		x	x		x
1 -	1,5		x	x	x	x
2 -	2,2		x	x	x	x
3 -	2,5		x	x	x	x
4 -	3		x	x	x	x
5 -	3,5		x	x	x	x
6 -	3,8		x	x	x	x

blank - not available x - Available

SPARE PARTS LIST



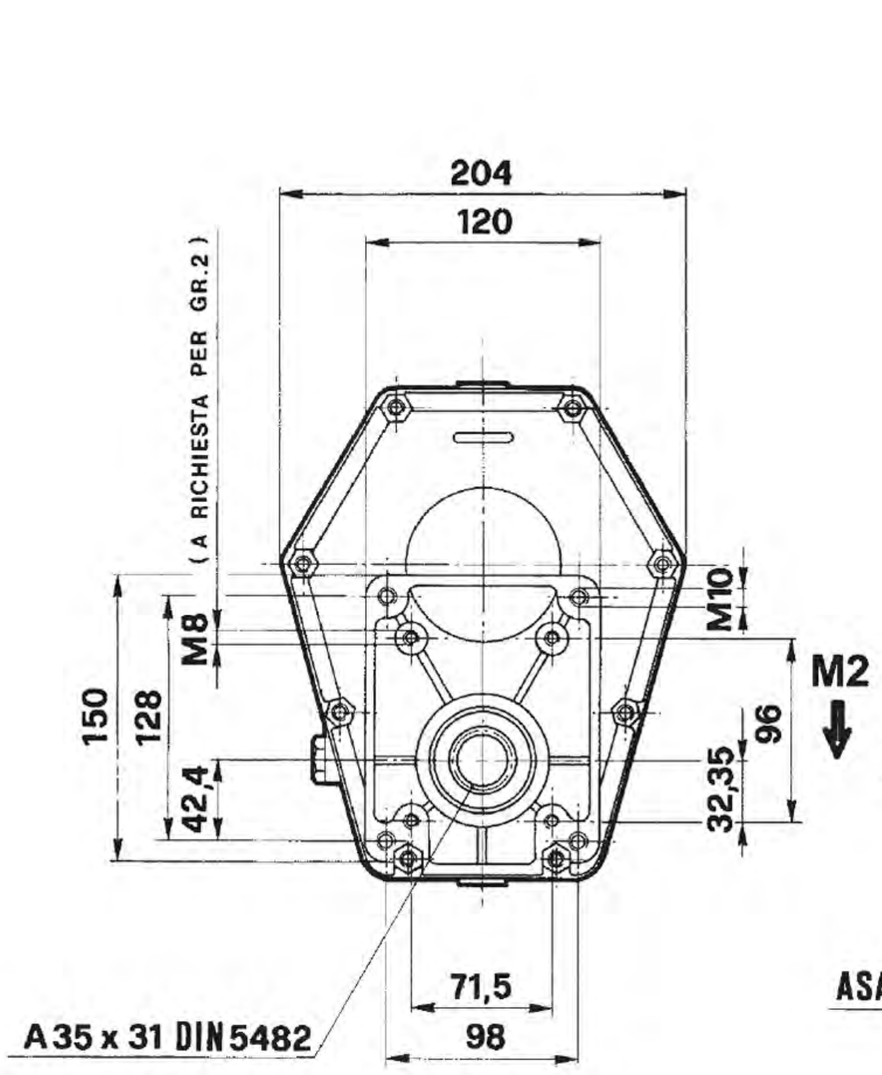
Ref.	DESCRIPTION	Q.ty
1	Housing	1
2	Cover	1
3	Bearing 6009	2
4	Bearing 6010	2
5	Pinion gear	1
6	Female P.T.O. shaft 1"3/8 Z6	1
7	Snap ring d.50	2
8	Ring gear	1
9	Socket capscrew M8x30	8
10	Sealing ring 45x65x8	1

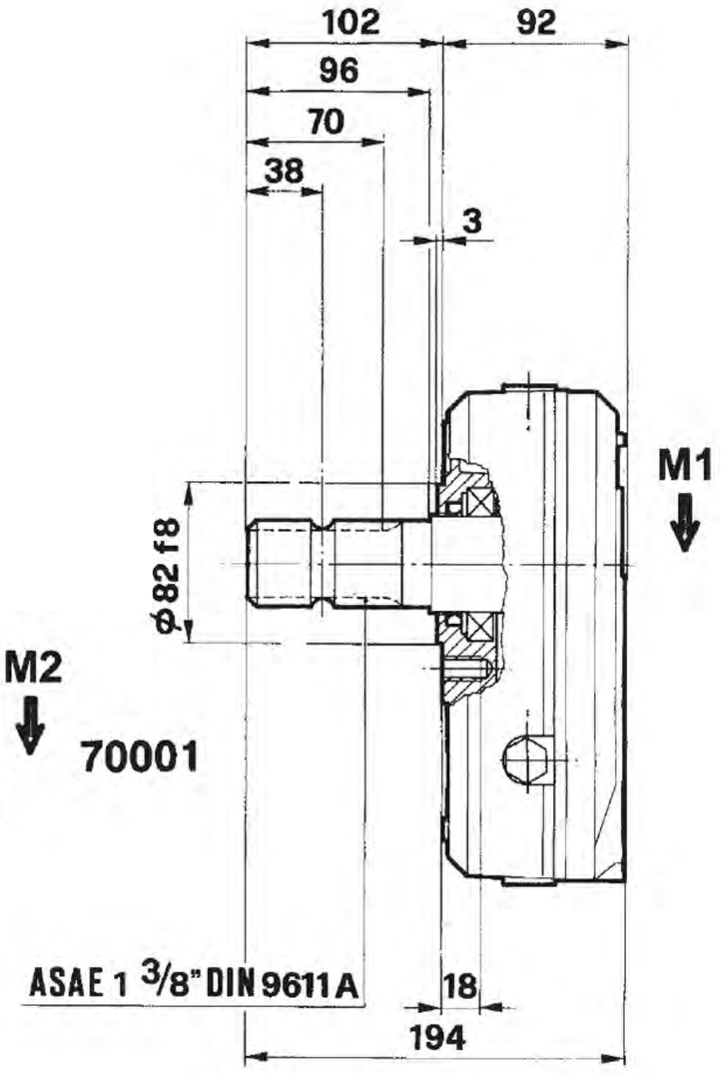
Ref.	DESCRIPTION	Q.ty
11	Sealing ring 50x65x8	1
12	Nut M8	8
13	Gasket	4
14	Oil drain plug 3/8"	3
15	Peg d.6	2
16	Key 12x25	1
17	Oil drain plug 3/8"	1
18	Gasket	1
19	Cap DIN 470 D.37	1
20	Spring ring	1

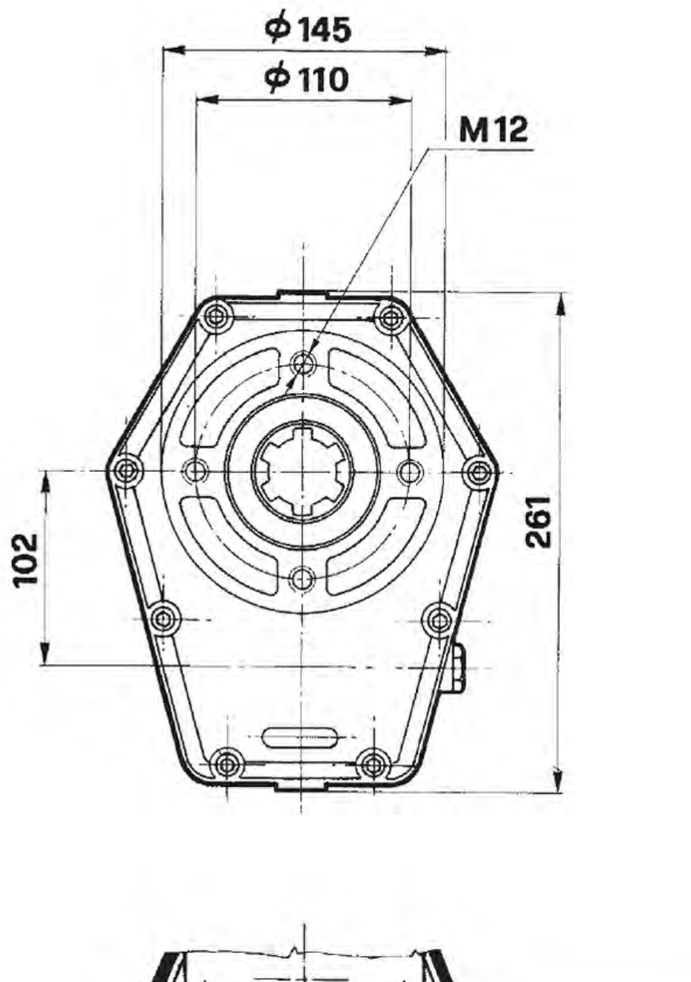
Ref.	DESCRIPTION	Q.ty
21	Spring	1
22	Ring	1
23	Snap ring UNI 7435 - 50	1
24	Ball d.13	1
25	Female P.T.O. shaft 1"3/8" Z6, Quick fitting	1
27	Female P.T.O. shaft 1"3/8" Z6 long	1
28	Female P.T.O. shaft 1"3/8" Z6 long	1
29	Female P.T.O. shaft Z21 16/32" DP long	1

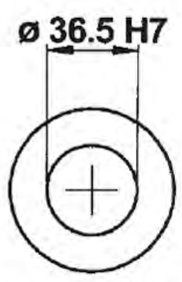
Speed-up Gearboxes Series 70000 standard
20 kW - Aluminium - Outlet pump flange Gr. 3

INSTALLATION DRAWING



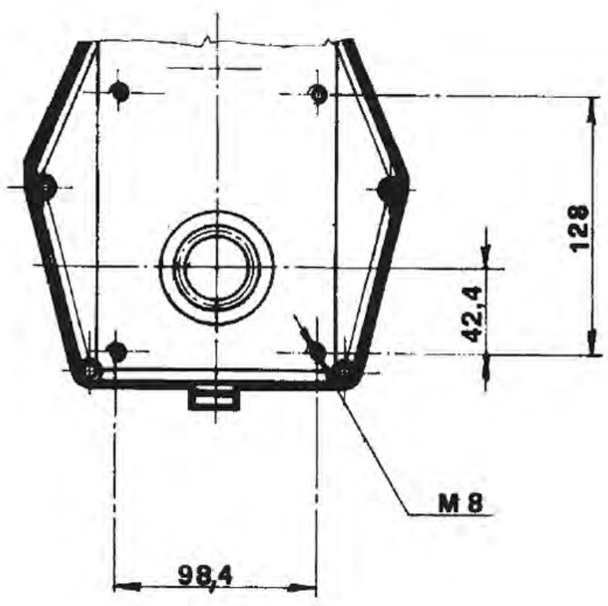


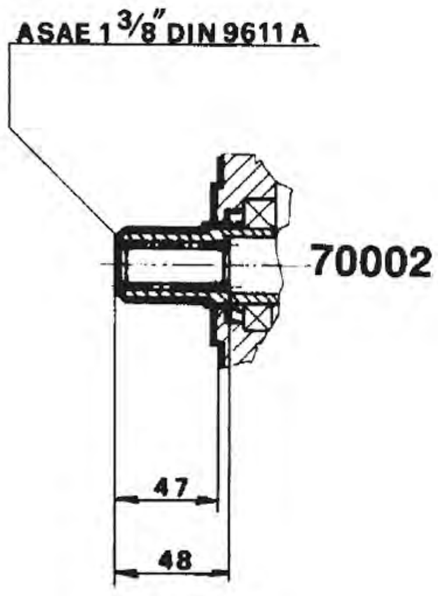


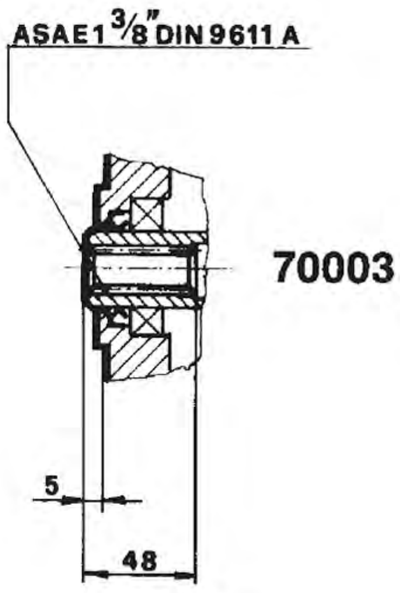


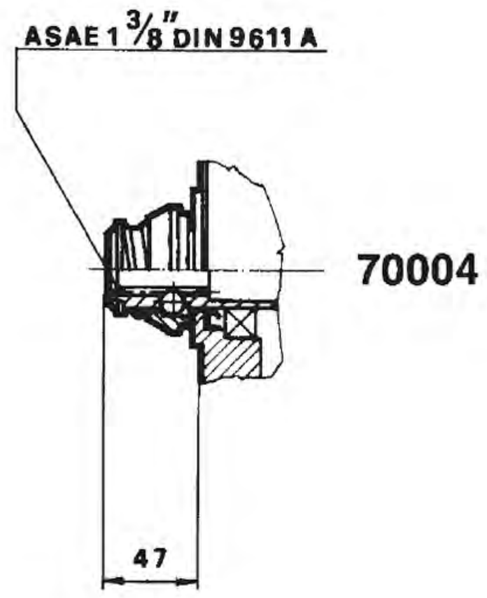
Adaptor ring for pump Gr. 2

920266









Housing oil capacity lt: 0,350

INPUT TORQUE M 1 daNm	OUTPUT TORQUE M 2 daNm	INPUT SPEED N 1 n/min.	OUTPUT SPEED N 2 n/min.	RATIO N 2 / N 1	POWER kW	MASS kg
31	31	540	540	1	20	8,1
38	26	540	810	1,5	20	8,1
43	21	540	1080	2	20	8,1
46	18	540	1408	2,5	20	8,1
49	16	540	1620	3	20	8,1
46	13	540	1836	3,5	20	8,1
43,7	11,5	540	2057	3,8	20	8,1

Speed-up Gearboxes Series 70000 standard
20 kW - Aluminium - Outlet pump flange Gr. 3

ORDER CODE

7000 | 1 - 1 -

Speed-Up Gearbox Series 70000
Outlet pump flange Gr. 3

Inlet shaft

1 - Male shaft ASAE 1-3/8"
2 - Long Female shaft ASAE 1-3/8"
3 - Short Female shaft ASAE 1-3/8"
4 - Quick Coupling Female shaft ASAE 1-3/8"

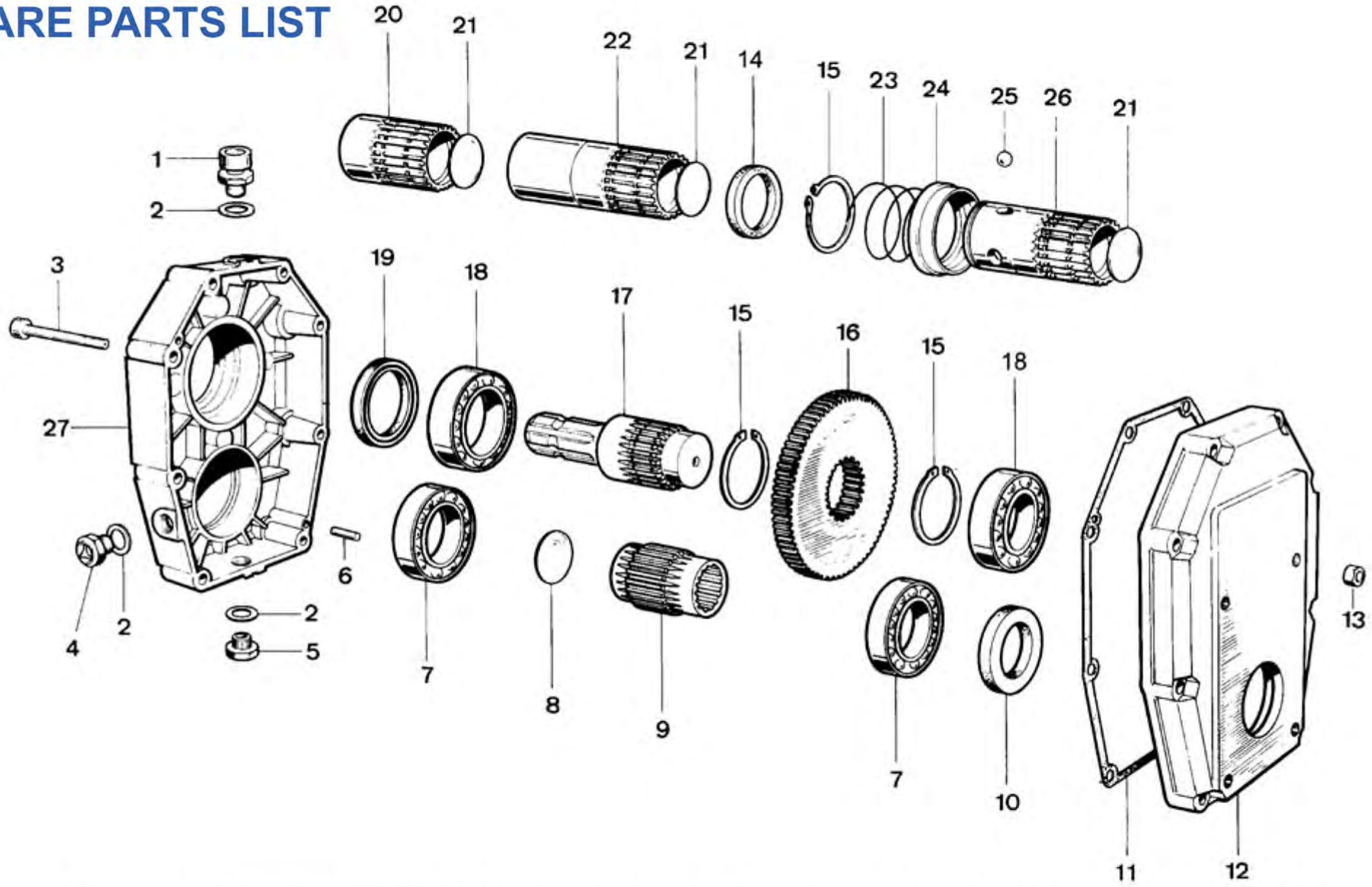
Special versions

Gear Ratio N2 / N1

Code -	Ratio	Shaft	1	2	3	4
0 -	1		x	x		x
1 -	1,5		x	x	x	x
2 -	2		x	x	x	x
3 -	2,5		x	x	x	x
4 -	3		x	x	x	x
5 -	3,5		x	x	x	x
6 -	3,8		x	x	x	x

blank - not available x - Available

SPARE PARTS LIST



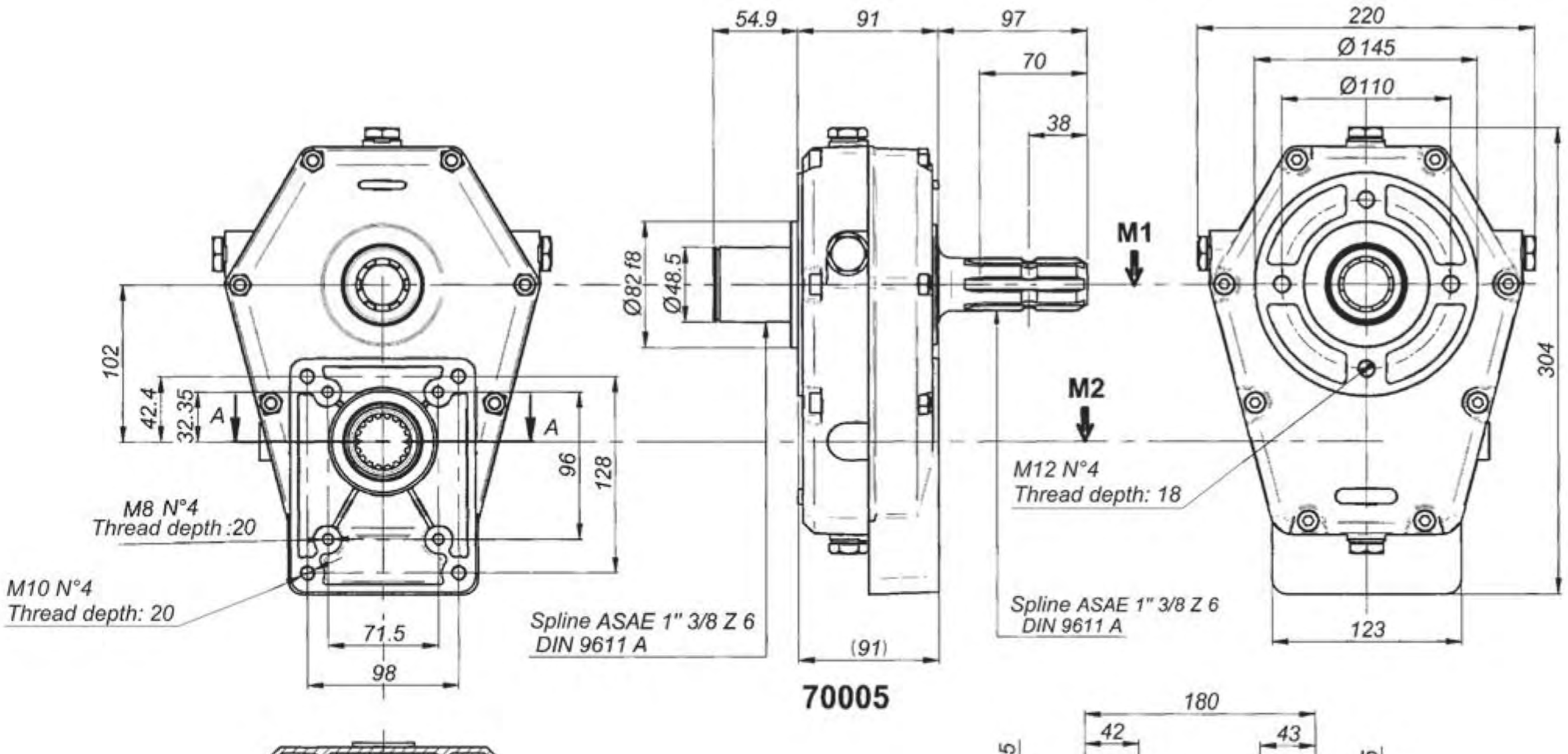
REF.	DESCRIPTION	Q.ty
1	Oil breather plug 3/8"	1
2	Gasket	2
3	Socket capscrew M8x70	8
4	Oil level plug 3/8"	1
5	Oil drain plug 3/8"	1
6	Peg	2
7	Bearing type 6009	2
8	Cap DIN 470 Ø 37	1
9	Pinion Gear	1

REF.	DESCRIPTION	Q.ty
10	Sealing ring Ø 45x65x8	1
11	Gasket	1
12	Cover	1
13	Nut M8	8
14	Ring	1
15	Snap ring dia. 50	3
16	Ring gear	1
17	Male P.T.O. shaft 1" 3/8	1
18	Bearing type 6010	2
19	Sealing ring Ø 50x65x8	1

REF.	DESCRIPTION	Q.ty
20	Female P.T.O. shaft 1" 3/8 short	1
21	Cap DIN 470 Ø 40	3
22	Female P.T.O. shaft 1" 3/8 long	1
23	Spring	1
24	Ring	1
25	Ball	3
26	Female P.T.O. quick coupling	1
27	Housing	1

Speed-up Gearboxes Series 70000 through shaft
20 kW - Aluminium - Outlet pump flange Gr. 3

INSTALLATION DRAWING



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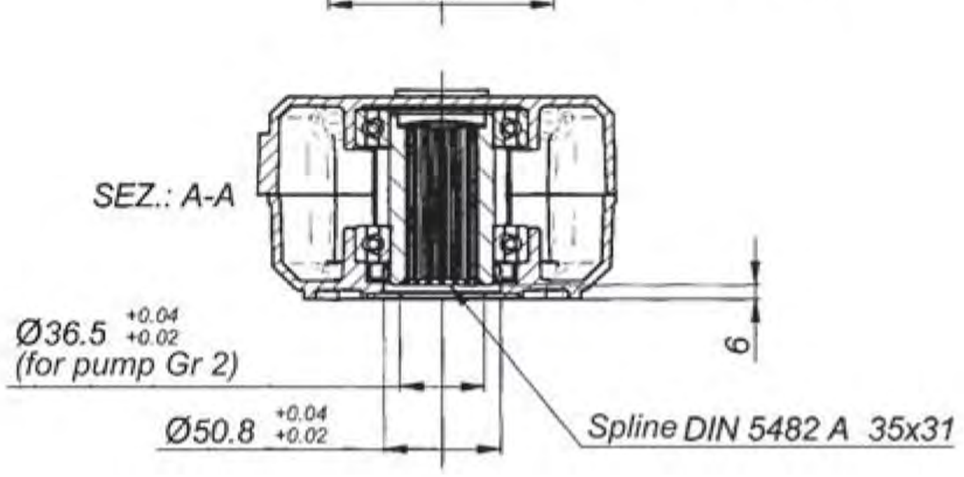

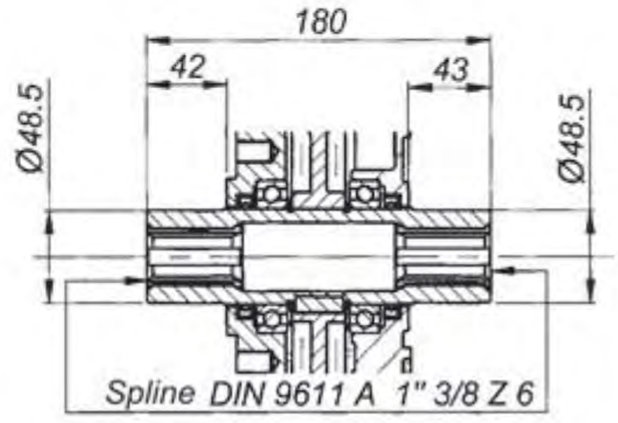

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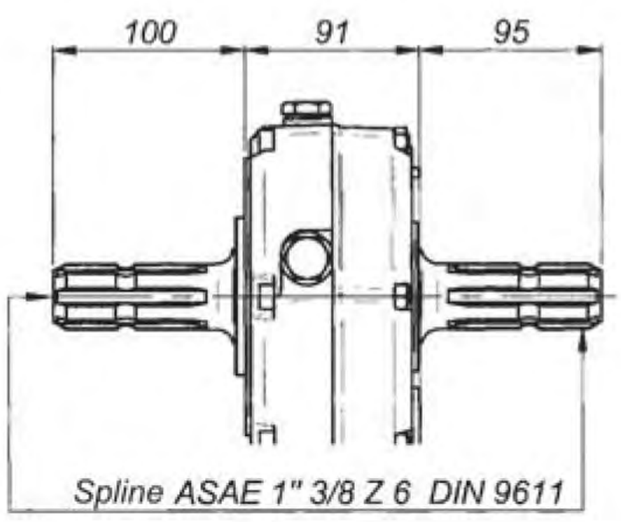

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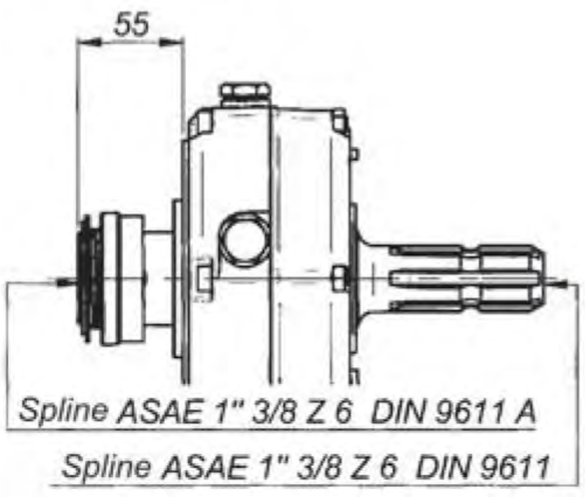

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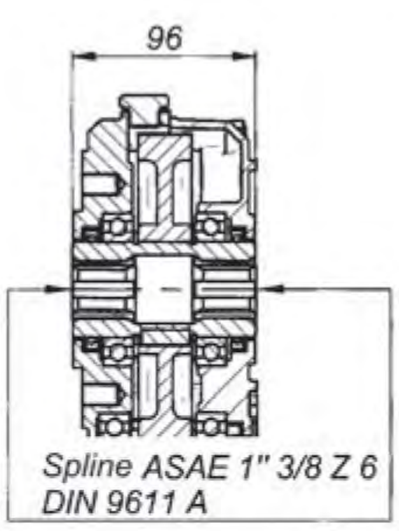

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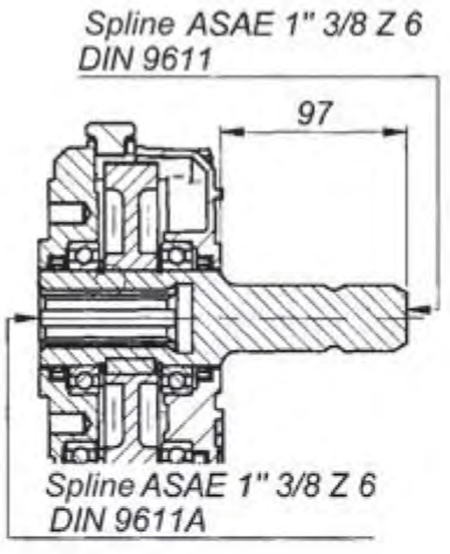


70011

Housing oil capacity lt: 0,350

INPUT TORQUE M 1 daNm	OUTPUT TORQUE M 2 daNm	INPUT SPEED N 1 n/min.	OUTPUT SPEED N 2 n/min.	RATIO N 2 / N1	POWER kW	MASS kg
31	31	540	540	1	20	9,5
38	26	540	810	1,5	20	9,5
43	21	540	1080	2	20	9,5
46	18	540	1408	2,5	20	9,5
49	16	540	1620	3	20	9,5
46	13	540	1836	3,5	20	9,5
43,7	11,5	540	2057	3,8	20	9,5

Speed-up Gearboxes Series 70000 through shaft
20 kW - Aluminium - Outlet pump flange Gr. 3

ORDER CODE

7000	5	-	1	-	

Speed-Up Gearbox Series 70000
Through-shaft
Outlet pump flange Gr. 3

Special versions

Through shaft

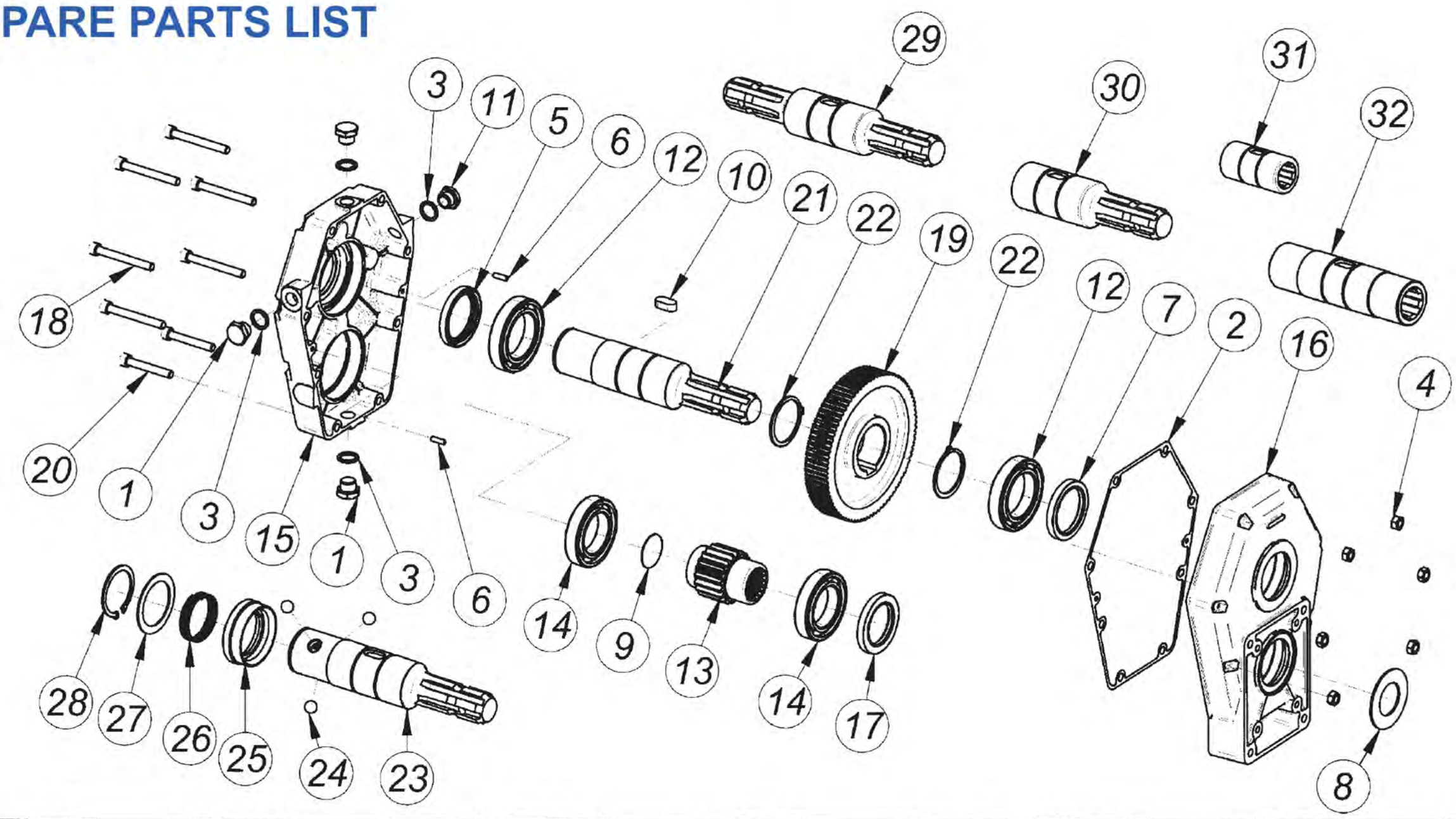
5 - Male-Long Female shaft ASAE 1-3/8"
6 - Long Female- Long Female shaft ASAE 1-3/8"
7 - Male-Male shaft ASAE 1-3/8"
8 - Male- Quick Coupling shaft ASAE 1-3/8"
9 - Short Female-Short Female shaft ASAE 1-3/8"
11- Male-Short Female shaft ASAE 1-3/8"

Gear Ratio N2 / N1

Code -	Ratio	Shaft 5	6	7	8	9	11
0 -					x		
1 -	1,5	x	x	x	x		
2 -	2	x	x	x	x		x
3 -	2,5	x	x	x	x		
4 -	3	x	x	x	x	x	x
5 -	3,5	x	x	x	x	x	x
6 -	3,8	x	x	x	x	x	x

blank - not available **x - Available**

SPARE PARTS LIST



Ref.	DESCRIPTION	Q.ty
1	Oil drain plug 3/8"	3
2	Gasket	1
3	Gasket	4
4	Nut M8	6
5	Sealing ring 50x65x8	1
6	Peg UNI 8751 5x16	2
7	Sealing ring 50x65x8	1
8	Centering ring for pump group 2	1
9	Cap DIN 470 D.37	1
10	Key 12x25	1
11	Oil drain plug 3/8"	1
12	Bearing 6010	2
13	Pinion gear	1
14	Bearing 6009	2

Ref.	DESCRIPTION	Q.ty
15	Housing	1
16	Cover	1
17	Sealing ring 45x65x8	1
18	Socket capscrew M8x70	6
19	Ring gear	1
20	Socket capscrew M8x55	2
21	Female-Male P.T.O. shaft 1"3/8" Z6	1
22	Snap ring d.50	2
23	Female-Male P.T.O. - Quick coupling shaft 1" 3/8" Z6	1
24	Ball	3

Ref.	DESCRIPTION	Q.ty
25	Spring ring	1
26	Spring	1
27	Ring	1
28	Snap ring UNI 7435 - 50	1
29	Male-Male P.T.O. shaft 1"3/8" Z6	1
30	Female-Male P.T.O. shaft 1"3/8" Z6 short	1
31	Female P.T.O. shaft 1"3/8" Z6 short	1
32	Female P.T.O. shaft 1"3/8" Z6	1