



SISP-GEARBOXES



***SISP-GEARBOXES**, est une entreprise familiale créée en 1964 spécialisée dans la conception et la fabrication d'éléments de transmissions mécaniques pour le machinisme agricole.*

Dirigée par M. Stéphane HONNEUR, cette unité de production de 4.500m², implantée sur un terrain de 20.000 m², est située en plein cœur de la Beauce, à GALLARDON. L'effectif actuel est de 28 personnes.

En 2003, SISP-GEARBOXES intègre la société CTML propriété de Mr LECLECH. Cette croissance lui permet de développer une plus large gamme de boîtiers afin de mieux répondre à la demande du marché toujours dans le but de mieux servir ses clients, à la fin de l'année 2014, SISP-GEARBOXES fait l'acquisition de deux fonderies, SISP-FONDERIE D'ABILLY et SISP-FONDERIE DE MÂLE.

Les trois entreprises sont aujourd'hui réunies au sein d'un même groupe, le GROUPE SISP.

Gamme de produit :

Nos fabrications se composent de renvois d'angle, de réducteurs mécaniques ou hydrauliques, mono ou multi vitesses, d'inverseurs, multiplicateurs, ainsi que des ensembles hérissons. Nous sommes spécialisés dans le taillage de pignons et plus spécialement le spiro-conique. Les applications sont aussi nombreuses que diverses.

Secteur d'activité :

Agricole, agroalimentaire, viticole, espaces verts, automobile, industriel, nautique, manutention...

Quelques exemples :

Gyrobroyeur, casseur de pierres, tarière, convoyeur, épandeur d'engrais, épandeur de fumier, caisse ensilage, tonne à lisier, pulvérisateur, récolteuse de betteraves, machine à vendanger, machine emballage, manutention, transmission de bateau, aspirateur, broyeur de végétaux, stabilisatrice de sol, convoyeur a vis.

Fabrication :

Tous nos produits sont développés en interne, soit d'après le cahier des charges client, ou sur étude de marché. Nous fabriquons des boîtiers spécifiques sous références clients. L'ensemble de notre fabrication est produite dans notre usine avec du matériel récent et performant, par du personnel qualifié et compétent.



Description technique :

Suivant les modèles, nos appareils sont équipés de pignons à denture droite ou hélicoïdale pour les engrenages parallèles, KLINGELNBERG pour pignons conique à denture droite et OERLIKON pour denture spiro conique. Ils sont réalisés en acier faiblement alliés (18NiCr5-4), cémentés, trempés et revenus après taillage. Quant aux arbres d'entraînement, ils sont usinés en acier prétraité (42CrMo4) ou en acier faiblement alliés (18NiCr5-4) puis cémentés, trempés et revenus. Les arbres d'entraînements peuvent être cannelés ou lisses suivant l'utilisation. Nos carters sont réalisés en fonte à graphite lamellaire (EN-GJL-250) ou en fonte à graphite sphéroïdale (EN-GJS-500); ils sont peints et disposent de bouchons et/ou reniflards.

Lubrification et entretien :

Tous nos appareils, hormis les réducteurs de types RH100 et RH316 sont livrés avec le plein d'huile et lubrifiés par barbotage avec de l'huile de marque TOTAL, de type TM 80W90. Pour les ensembles ne disposant pas de bouchon de remplissage, aucun entretien spécifique n'est recommandé. Pour les autres, l'entretien préventif consiste à vérifier régulièrement le niveau d'huile au moyen du bouchon ou du niveau transparent prévu à cet effet. Le premier entretien de vidange de l'ensemble devra en outre être effectué après 50 heures de fonctionnement, ceci afin d'éliminer complètement la présence de toutes particules résiduelles due à l'usinage et au traitement des différentes pièces et après le montage des ensembles. L'huile devra ensuite être renouvelée toutes les 500 heures d'utilisation ou une fois par an minimum.

Garantie :

Nos appareils sont garantis 1 an pièces et main-d'œuvre, à compter de la date de livraison, retour franco usine non démontés. Le transport est à votre charge. La garantie ne s'applique que si et seulement si la plaque signalétique est toujours présente sur le boîtier et que l'installation et l'utilisation sont conformes aux règles de l'art. Lubrification correcte des pignons et des roulements. Installation des sécurités nécessaires et suffisantes à la pérennité de l'appareil. Vérification de l'état des joints et éléments d'étanchéité. Vérification de l'absence de chocs ou traces sur les appareils. Pour les boîtes de vitesses, il faut impérativement utiliser des accouplements de sécurité qui ne doivent être montés qu'avec une seule vis Ø6 de 80kg, le deuxième trou n'est prévu que lorsque le premier est détérioré.

Conformité des schémas :

Les formes et dimensions ainsi que les références indiquées dans cette brochure, ne sont données qu'à titre indicatif. Nous nous réservons le droit d'apporter à nos appareils toutes modifications que nous jugerions utiles.



SISP-GEARBOXES



***SISP-GEARBOXES** is a family-run business created in 1964 and is specialized in the design and in the manufacturing of mechanical transmission on the agricultural activity.*

Headed by M. Stéphane HONNEUR, the production unit of 4.500m² is set up on a land of 20.000m² located in central region in the department of Eure et Loire, in the city of Gallardon. There are 28 persons in our current staff.

In 2003, SISP-GEARBOXES incorporate the company CTML, property of M. LECLECH. This growth allow the company to developped a whole range to meet the needs of the market. With the aim of providing better services and products to his customers, SISP-GEARBOXES incorporate two foundries at the end of the year 2014. SISP-FONDERIE D'ABILLY and SISP-FONDERIE DE MÂLE.

Those three companies have been gathered within GROUPE SISP.

Product range :

Our products are made up of gearboxes, mechanical or hydraulic reducers, mono or multi-speed, reversers, speed multipliers and vertical drums. We are specialized in the cutting of gear and especially in spiral bevel cutting. We have numerous and various fields of application.

Business sector :

Agricultural, food-processing, wine-producing, green spaces (public garden, parks...), car industry, industrial field, handling.

Some examples :

Gyrobroyeur, stone breaker, auger, conveyor, spreader of fertilizer, fund silage, container of liquid manure, atomizer, machine to collect beets, grape harvester, hatch packaging handling, vacuum cleaner, vegetables crusher, ground stabilizer, screw conveyor.

Manufacturing :

All our products are developed in our firm, according to the customer specifications, or based on a market study. We make specific cases under the reference "customers." Our whole manufacturing is produced in our factory with recent and efficient equipment, by a qualified and competent staff.



Technical description :

According to the models, our devices are equipped with pinions with straight or helical set of teeth for the parallel gearings, KLINGELNBERG for bevel gears with straight teeth and OERLIKON for spiral bevel teeth. They are made of low alloy steel (18NiCr5-4), hardened and tempered after cutting. As for drive-shafts, they are manufactured in pretreated steel (42CrMo4) or low alloy steel (18NiCr5-4) then hardened and tempered. Drive-shafts can be fluted or smooth, depending on use. Our crankcases are realized in lamellar graphite cast iron (EN-GJL-250) or in graphite spheroidal cast iron (EN-GJS-500); they are painted and have corks or/and breather plug.

Lubrication and maintenance :

All our devices, except the reducers of types RH100 and RH316 are delivered with the height of oil and splash lubricated with oil TOTAL, of type TM 80W90. For units that don't have a cork of filling, no specific maintenance is recommended. For others, preventive maintenance consists in checking regularly the oil level with the cork or the transparent cap. In order to eliminate completely the residual presence of any particles due to the manufacturing and the treatment of the various parts and after the assembly of the sets, the first oil change will be done after 50 hours of functioning. Oil will be renewed every 500 hours of use or once a year minimum.

Guarantee :

Our devices are guaranteed for 1 year (parts and labor) from the date of delivery. Return factory assembled. Guaranty is only applies if the number plate is present on the gearbox and if use was consistent with the rules of use.

- Proper lubrication of bearings and pinions.*
- Installation of necessary and sufficient safety device for a good use.*
- Checking the condition of joints and sealing elements.*
- Verifying the absence of shocks or traces on the devices.*
- For gearboxes you must use the safety coupling fitted with a single screw. The second hole is expected when the first is damaged.*

Transportation is at your expense.

Conformity of plans :

Shapes, dimensions, references in this brochure are given for your guidance. We reserve the right to make any changes to our equipment that we deem appropriate.

Sommaire

Contents

Renvoi d'angle
90° gearbox

6 - 43



Renvoi d'angle spécifique
Specific gearbox

44 - 52



Renvoi d'angle gyrobroyeur
Rotary mower gearbox

53 - 57



Renvoi d'angle avec trompette
Gearbox with extension arm

58 - 64



Multiplicateur hydraulique
Hydraulic multiplier

65 - 67



Renvoi à arbres parallèles
Parallel shafts gearbox

68 - 72



Ensemble de trois boîtiers
Set of three gearboxes

73 - 88



Poutre monobloc (2 sorties)
Monobloc gearbox (2 outputs)

89 - 101



Poutre monobloc (4 sorties)
Monobloc gearbox (4 outputs)

102 - 103



Réducteur hydraulique
Hydraulic reducer

104 - 119



Divers, ...
Various, ...

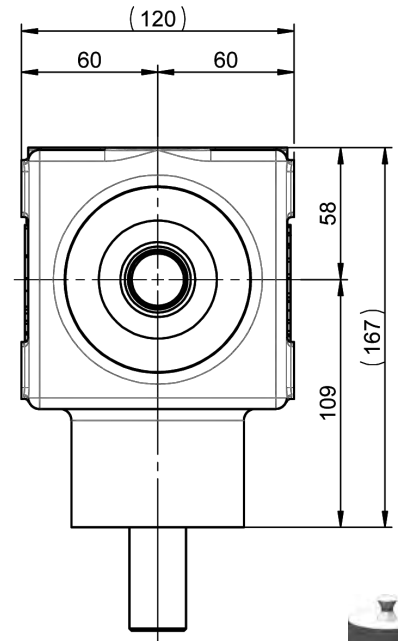
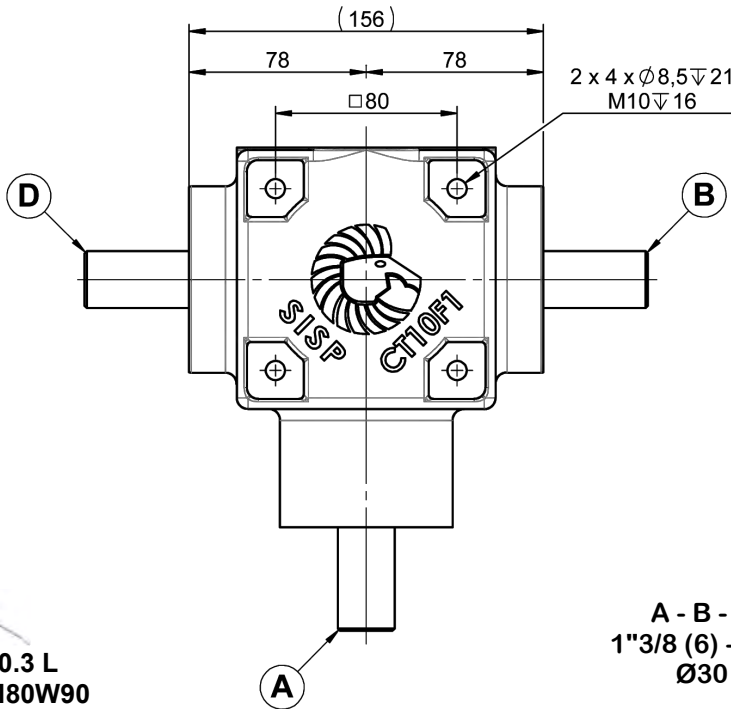
120 - 124





T10 RENVOI D'ANGLE

T10 GEARBOX

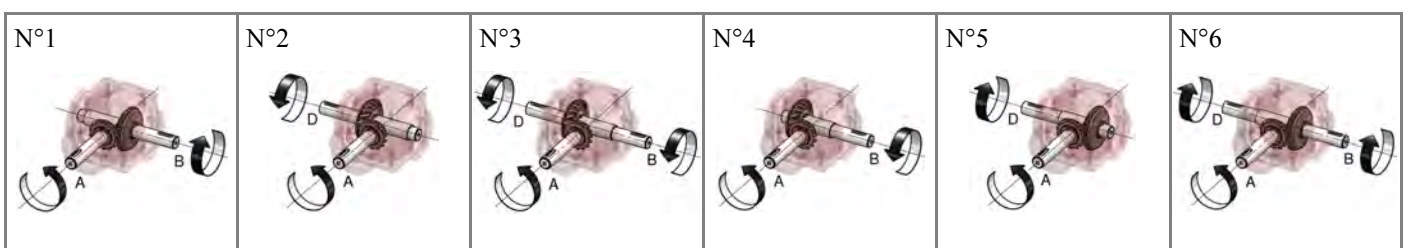


0.3 L
TM80W90

A - B - D
1"3/8 (6) - Ø25
Ø30

9 KG

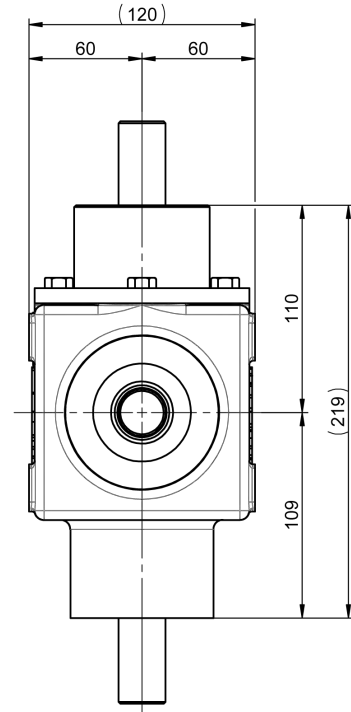
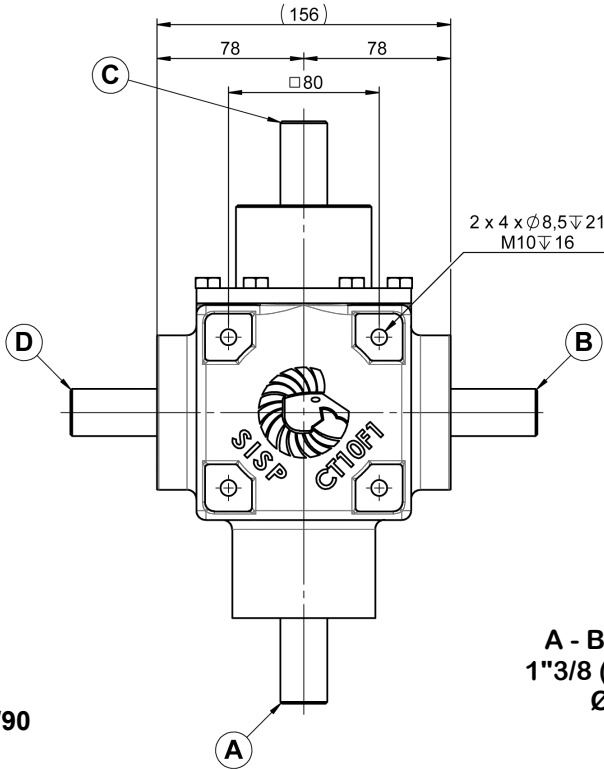
RAPPORT RATIO	T/MN - RPM	A			B - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1	540	22	16	300	540	300
1/1.5		20	15	272	360	408
1/1.9		15	11	200	284	380
1/2.77		7.5	5.6	101	195	277
1.5/1		32	23	420	810	280
1/1	1000	38	28	272	1000	272
1.5/1		56	41	402	1500	268
1/1.9		26	19	190	526	360
1/2.77		13.3	9.8	96	361	264
1/1.5		35	25	253	666	380





T10 RENVOI D'ANGLE

T10 GEARBOX

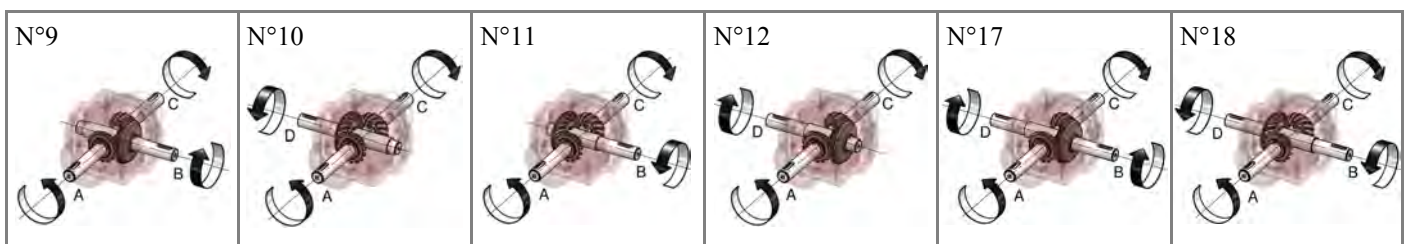


A - B - C - D
1"3/8 (6) - Ø25
Ø30

0.3 L
TM80W90

11 KG

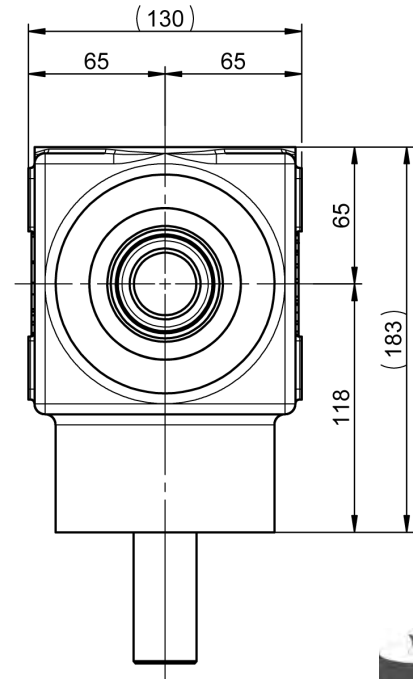
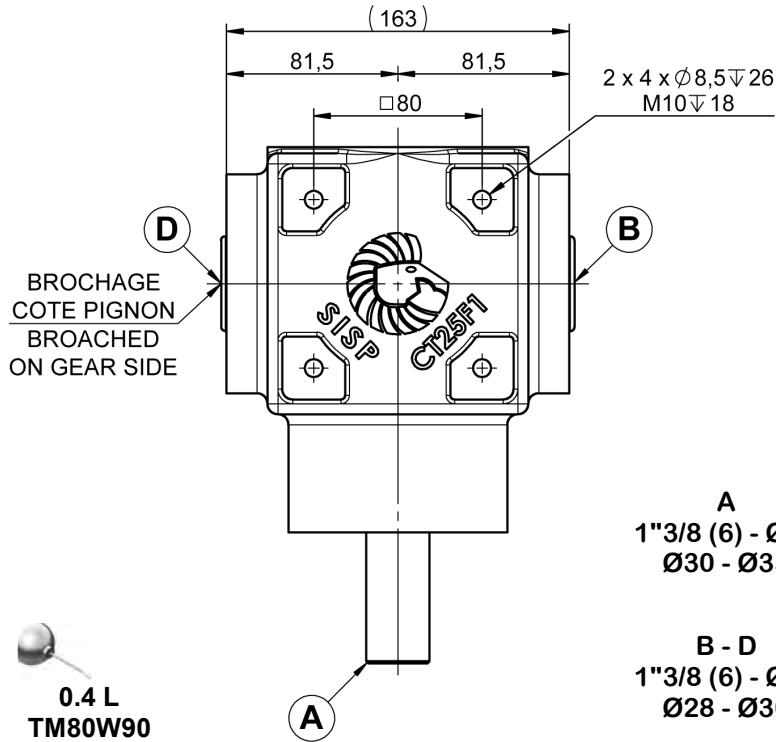
RAPPORT RATIO	T/MN - RPM	A - C			B - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1	540	22	16	300	540	300
1/1.5		20	15	272	360	408
1/1.9		15	11	200	284	380
1/2.77		7.5	5.6	101	195	277
1.5/1		32	23	420	810	280
1/1	1000	38	28	272	1000	272
1.5/1		56	41	402	1500	268
1/1.9		26	19	190	526	360
1/2.77		13.3	9.8	96	361	264
1/1.5		35	25	253	666	380





T25 AC RENVOI D'ANGLE

T25 AC GEARBOX



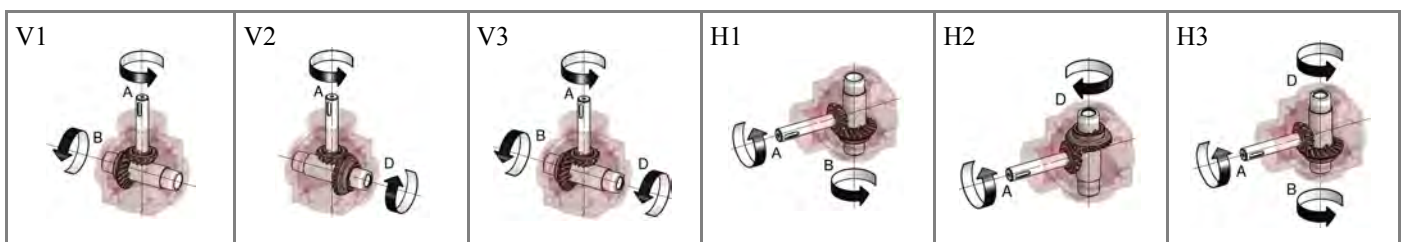
A
1"3/8 (6) - Ø25
Ø30 - Ø35

B - D
1"3/8 (6) - Ø25
Ø28 - Ø30

12 KG

0.4 L
TM80W90

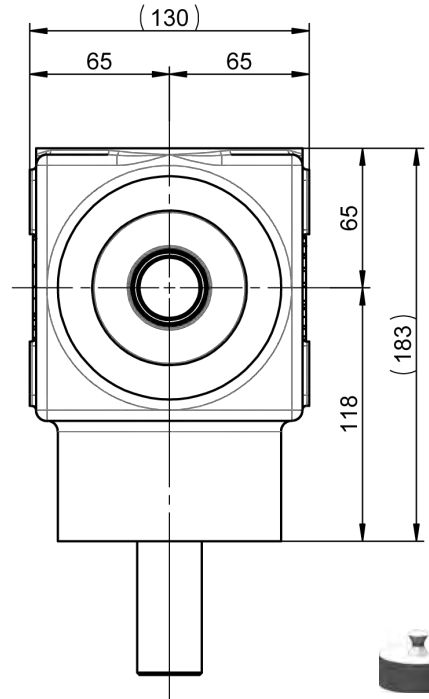
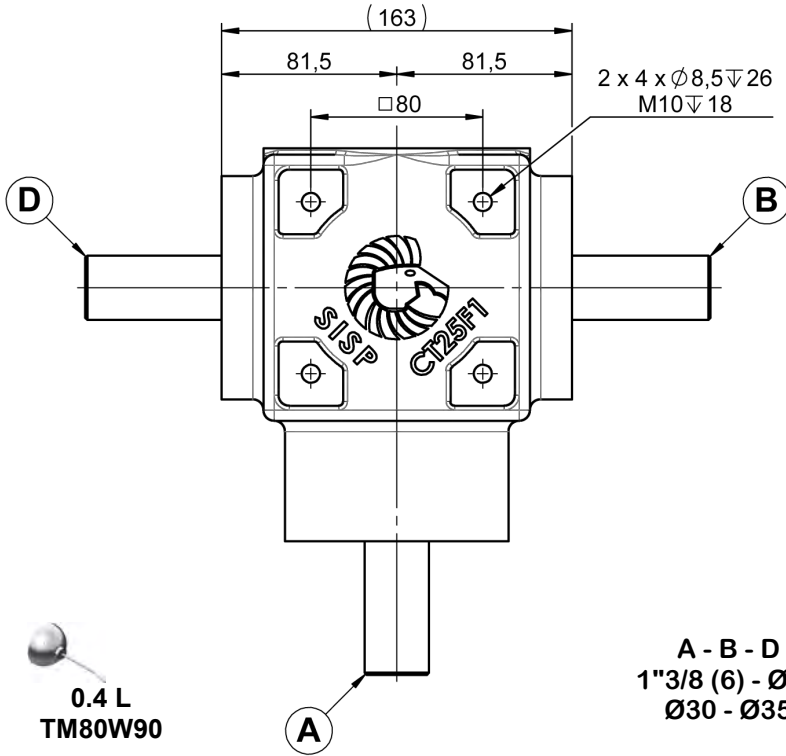
RAPPORT RATIO	T/MN - RPM	A			B - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1	540	36	26	480	540	480
1/1.5		21	15.5	276	360	412
1/2		18	13	236	270	472
1/2.5		14	10.3	180	216	452
1/1	1000	63	46	452	1000	452
1/1.5		36	26.5	260	666	388
1/2		30	22	222	500	444
1/2.5		24	18	173	400	432





T25 RENVOI D'ANGLE

T25 GEARBOX

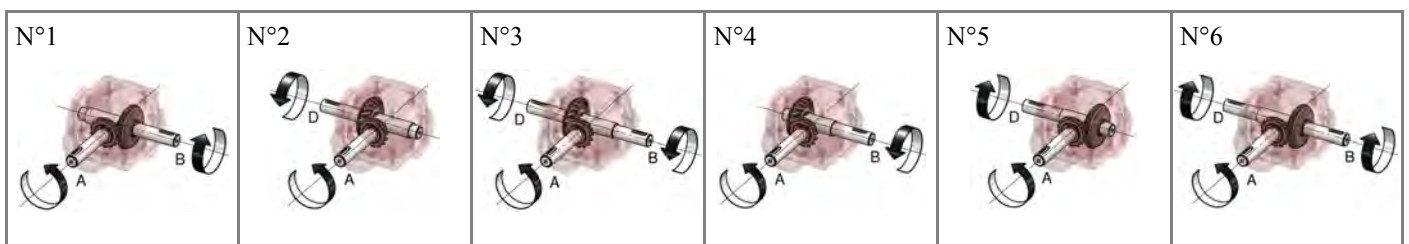


0.4 L
TM80W90

A - B - D
1"3/8 (6) - Ø25
Ø30 - Ø35

12 KG

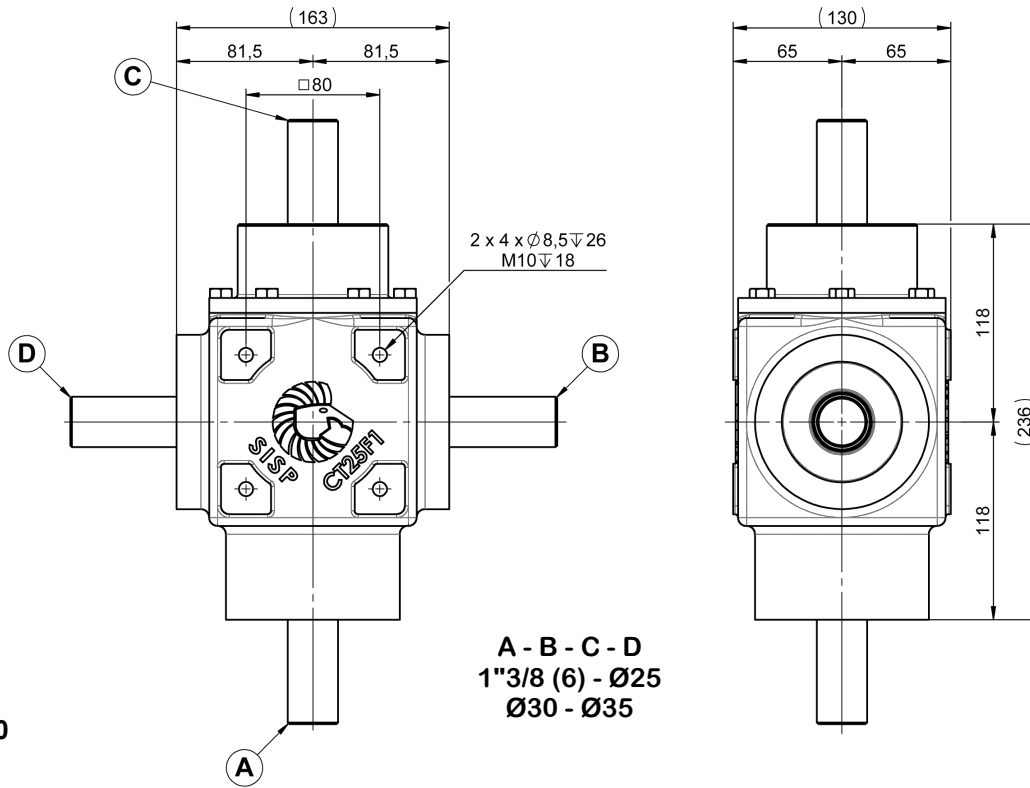
RAPPORT RATIO	T/MN - RPM	A			B - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1	540	36	26	480	540	480
1/1.5		21	15.5	276	360	412
1/2		18	13	236	270	472
1/2.5		14	10.3	180	216	452
1/1	1000	63	46	452	1000	452
1/1.5		36	26.5	260	666	388
1/2		30	22	222	500	444
1/2.5		24	18	173	400	432





T25 RENVOI D'ANGLE

T25 GEARBOX

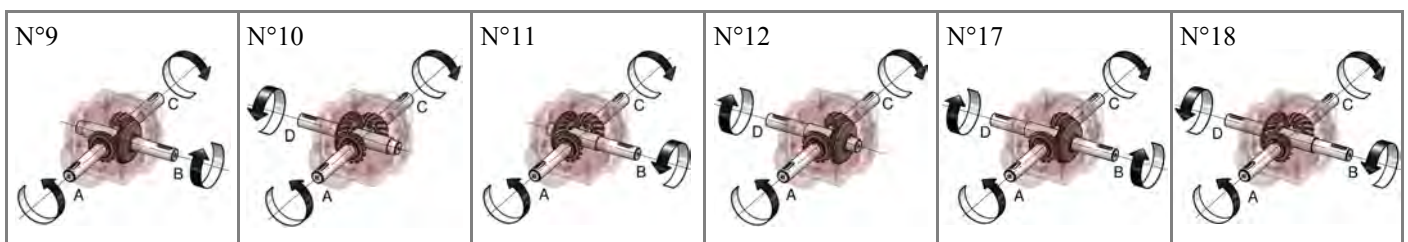


0.4 L
TM80W90

A - B - C - D
1"3/8 (6) - Ø25
Ø30 - Ø35

18 KG

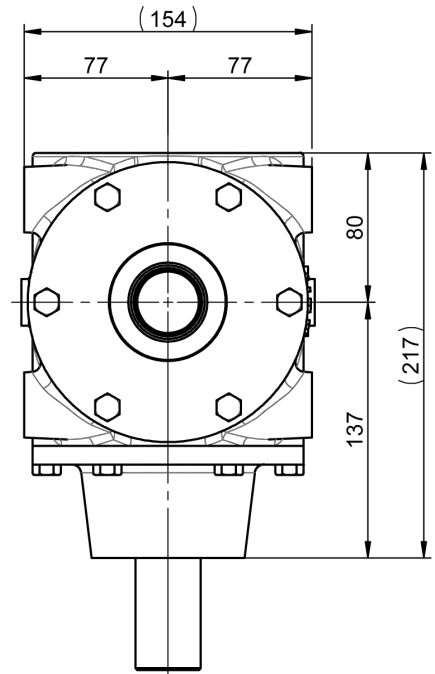
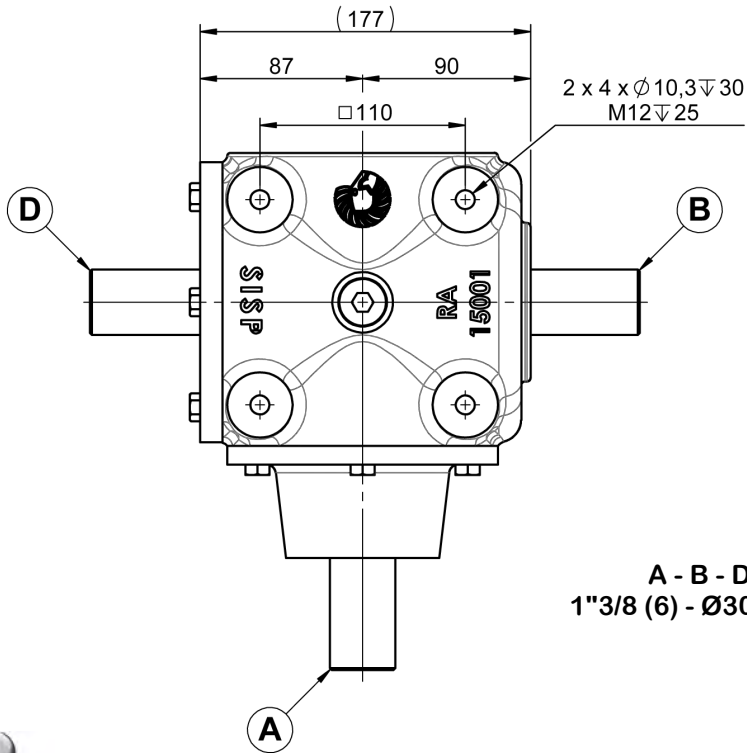
RAPPORT RATIO	T/MN - RPM	A - C			B - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1	540	36	26	480	540	480
1/1.21		36	26	480	446	580
1/1.5		21	15.5	276	360	412
1/2		18	13	236	270	472
1/2.5		14	10.3	180	216	452
1.21/1		49	36	536	653	644
1/1	1000	63	46	452	1000	452
1/1.21		52	38	377	824	453
1/1.5		36	26.5	260	666	388
1/2		30	22	222	500	444
1/2.5		24	18	173	400	432
1.21/1		55	40	500	1214	416





RA150 RENVOI D'ANGLE

RA150 GEARBOX

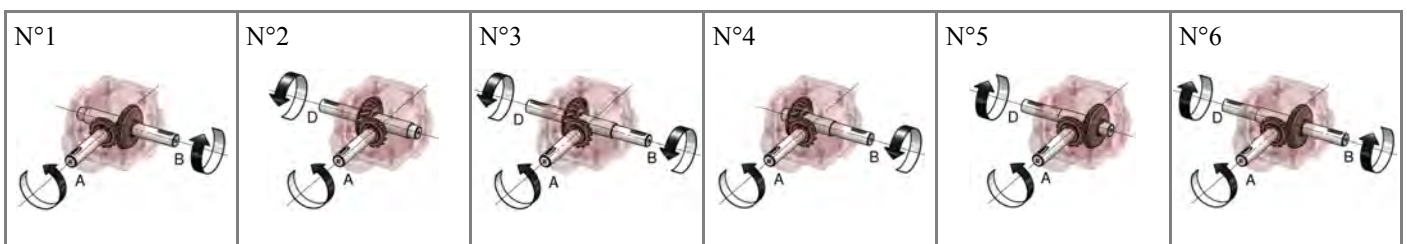


A - B - D
1"3/8 (6) - $\varnothing 30$ - $\varnothing 35$

0.6 L
TM80W90

18 KG

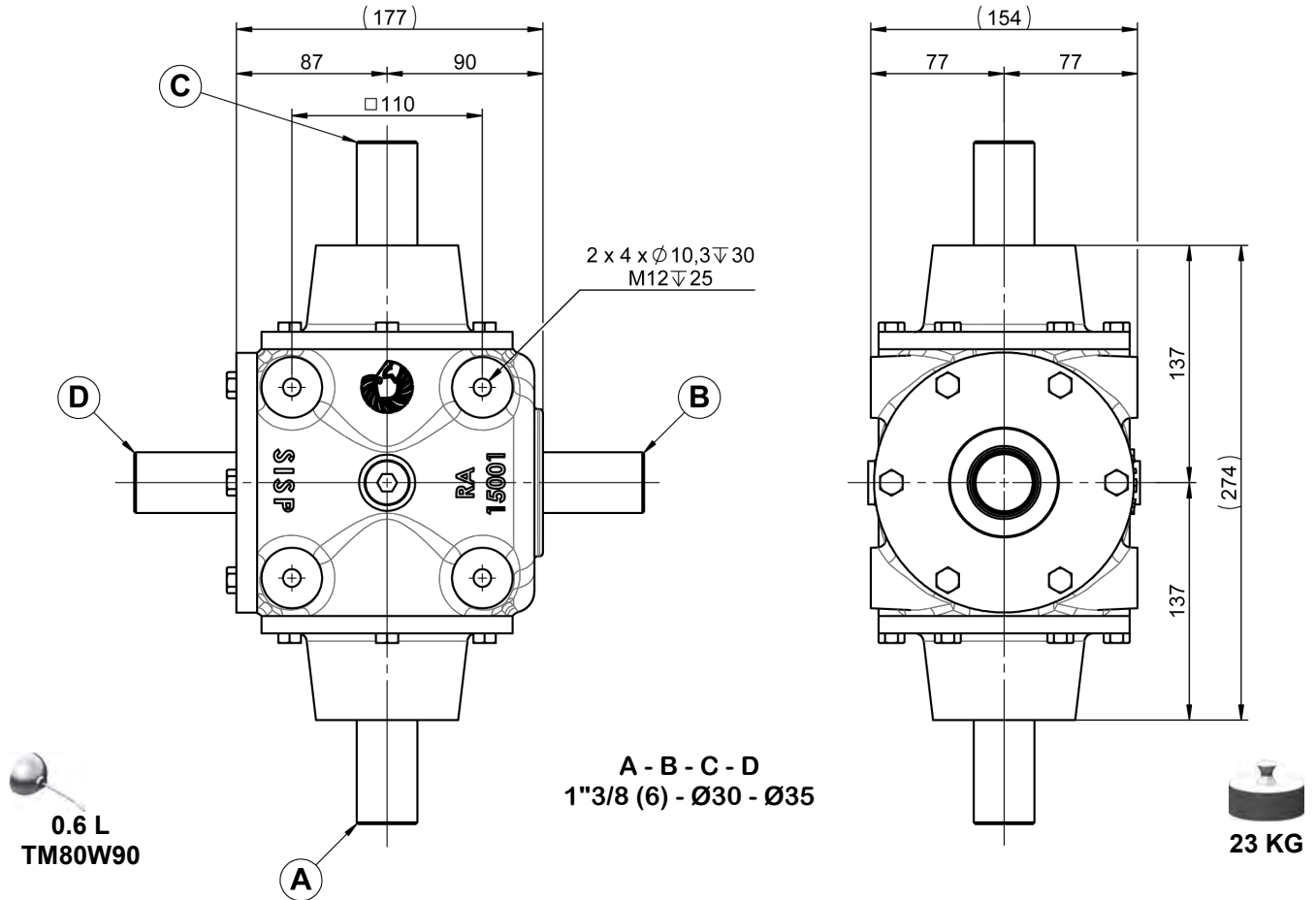
RAPPORT RATIO	A				B - D	
	T/MN - RPM	CV - HP	KW	NM	T/MN - RPM	NM
1/1	540	72	53	950	540	950
1/1.5		43	31	556	360	832
1/2		22	16	298	284	596
1/1	1000	123	90	880	1000	880
1/1.5		74	54	520	666	780
1/2		39	29	280	500	564



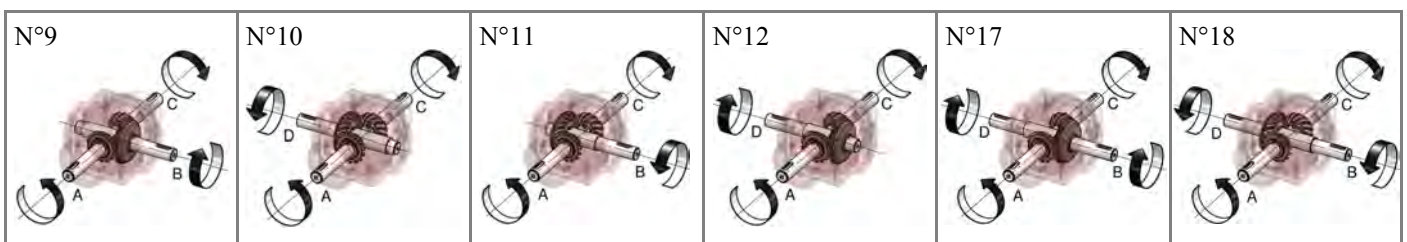


RA150 RENVOI D'ANGLE

RA150 GEARBOX



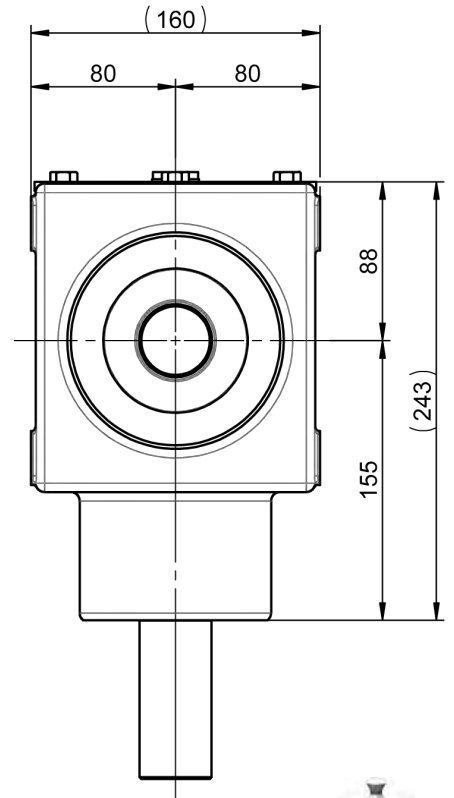
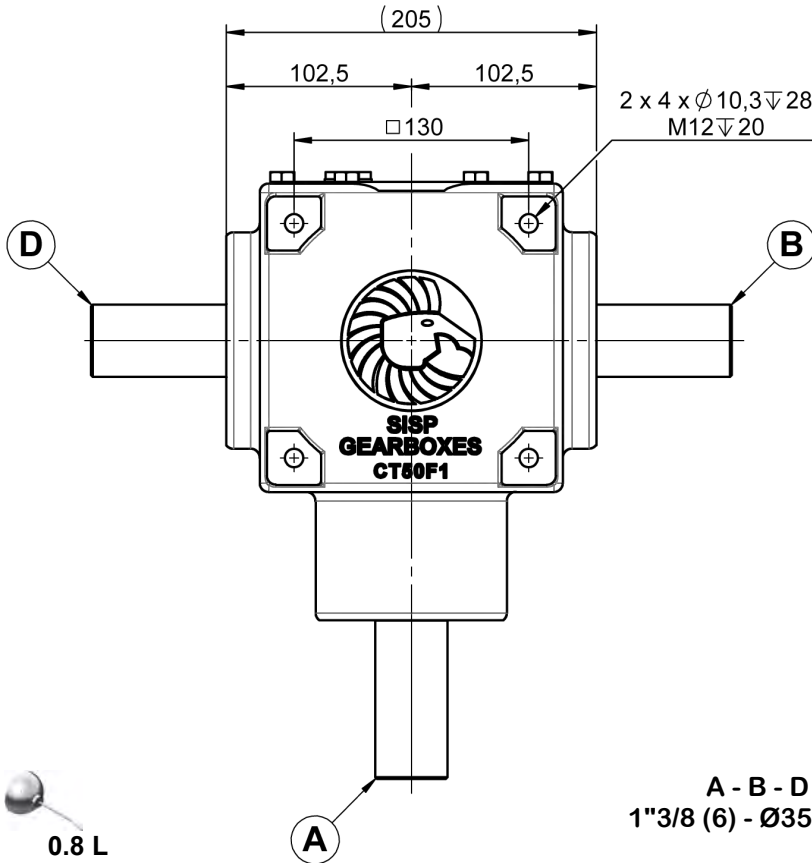
RAPPORT RATIO	T/MN - RPM	A - C			B - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1	540	72	53	950	540	950
1/1.5		43	31	556	360	832
1/2		22	16	298	284	596
1/1	1000	123	90	880	1000	880
1/1.5		74	54	520	666	780
1/2		39	29	280	500	564





T50 RENVOI D'ANGLE

T50 GEARBOX

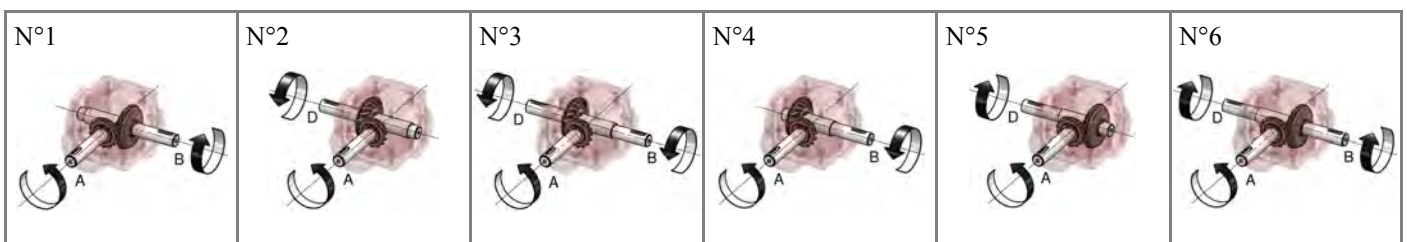


0.8 L
TM80W90

A - B - D
1"3/8 (6) - ϕ 35 - ϕ 40

22 KG

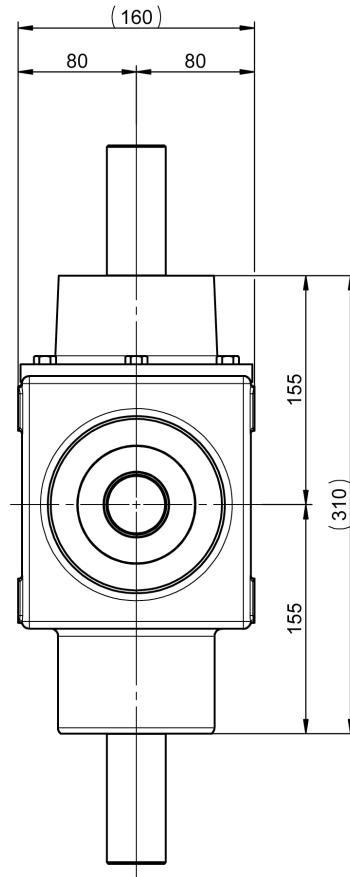
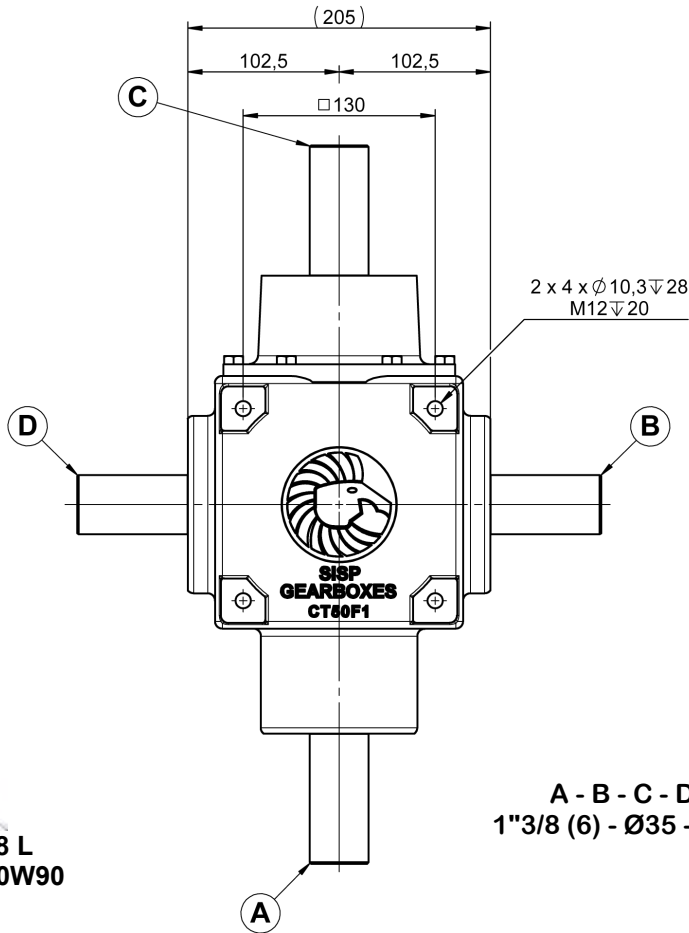
RAPPORT RATIO	A				B - D	
	T/MN - RPM	CV - HP	KW	NM	T/MN - RPM	NM
1/1	540	89	65	1180	540	1180
1/1.5		52	38	680	360	1028
1/2.07		39	29	517	260	1070
1/1	1000	152	112	1080	1000	1080
1/1.5		89	65	637	666	956
1/2.07		68	50	487	483	1008





T50 RENVOI D'ANGLE

T50 GEARBOX

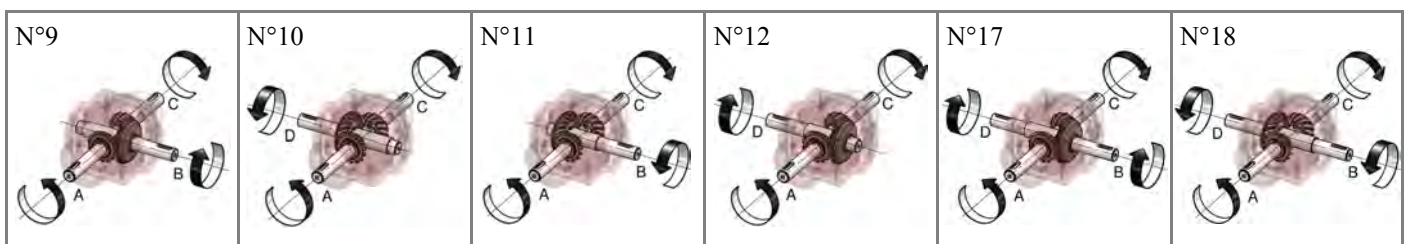


A - B - C - D
1"3/8 (6) - Ø35 - Ø40

0.8 L
TM80W90

26 KG

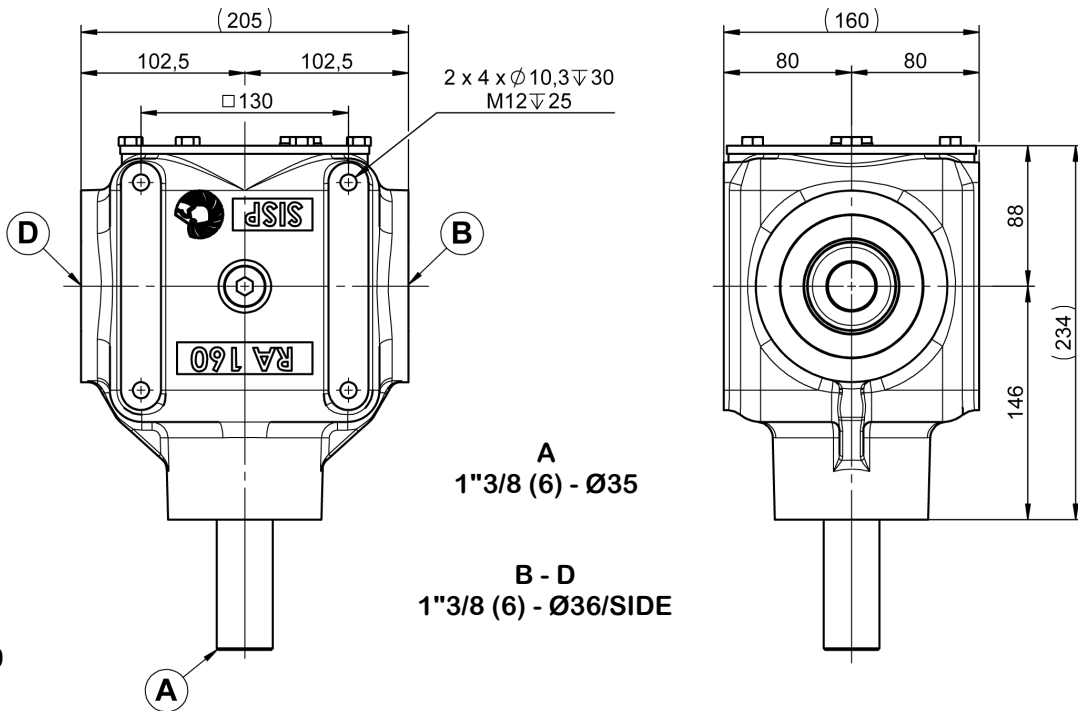
RAPPORT RATIO	T/MN - RPM	A - C			B - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1	540	89	65	1180	540	1180
1/1.5		52	38	680	360	1028
1/2.07		39	29	517	260	1070
1/1	1000	152	112	1080	1000	1080
1/1.5		89	65	637	666	956
1/2.07		68	50	487	483	1008





RA160 RENVOI D'ANGLE

RA160 GEARBOX

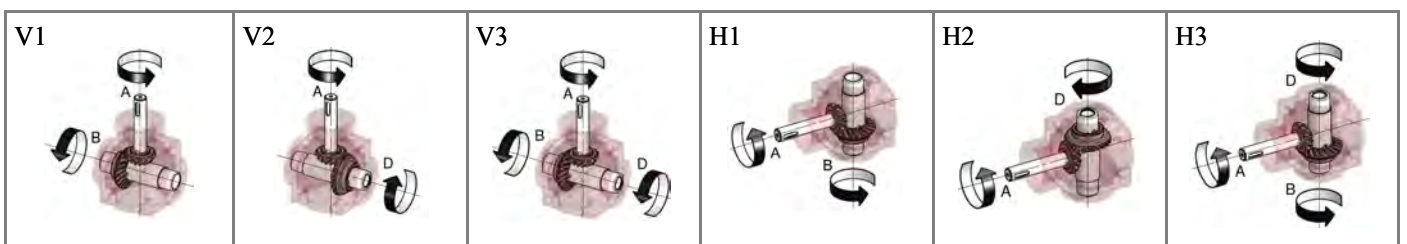


0.8 L
TM80W90

22 KG

RAPPORT RATIO	T/MN - RPM	A			B - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1.05/1	540	75	55	953	567	905
1/1.28		63	46	840	422	1070
1/1.47		60	44	796	367	1172
1/1.83		41	30	552	295	1000
1.05/1	1000	128	94	876	1050	836
1/1.28		109	80	781	781	1000
1/1.47		104	76	744	680	1096
1/1.83		72	53	516	546	936

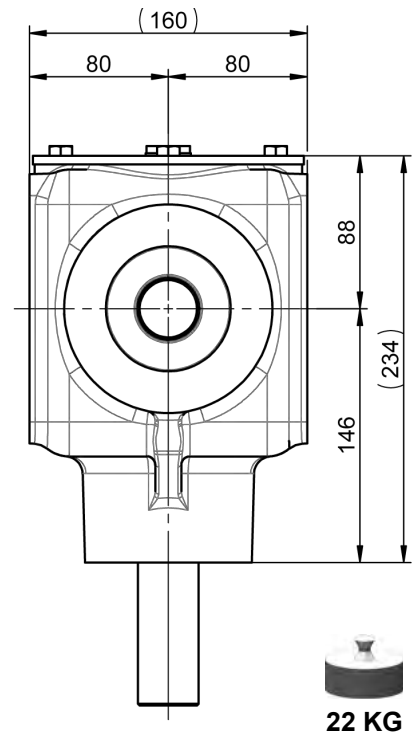
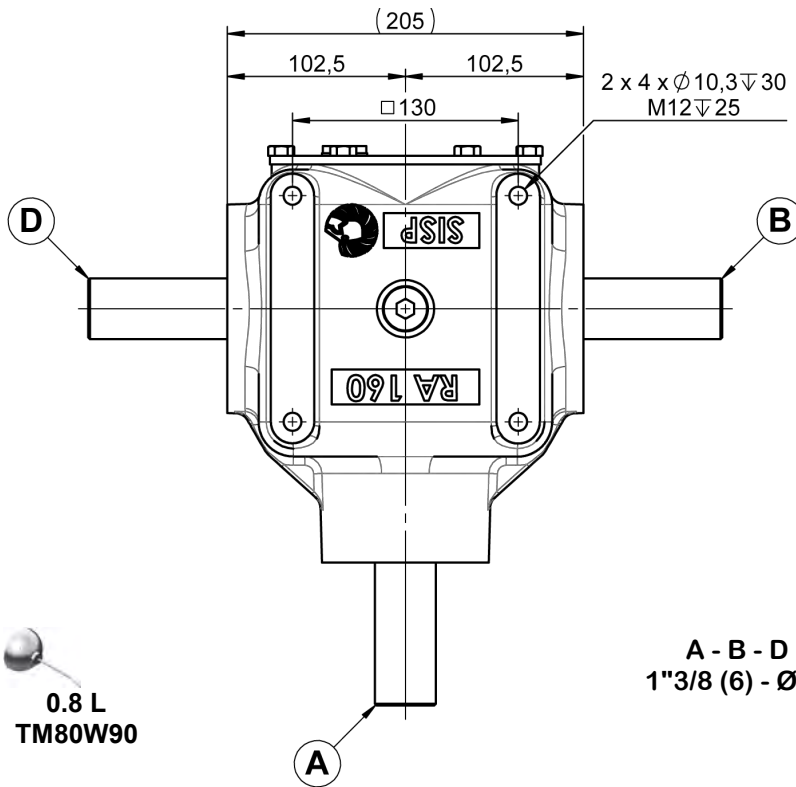
RAPPORT RATIO	T/MN - RPM	B - D			A	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1.05	540	75	55	995	514	1044
1.28/1		102	75	1064	685	840
1.47/1		87	64	1160	792	796
1.83/1		73	54	968	990	532





RA160 RENVOI D'ANGLE

RA160 GEARBOX

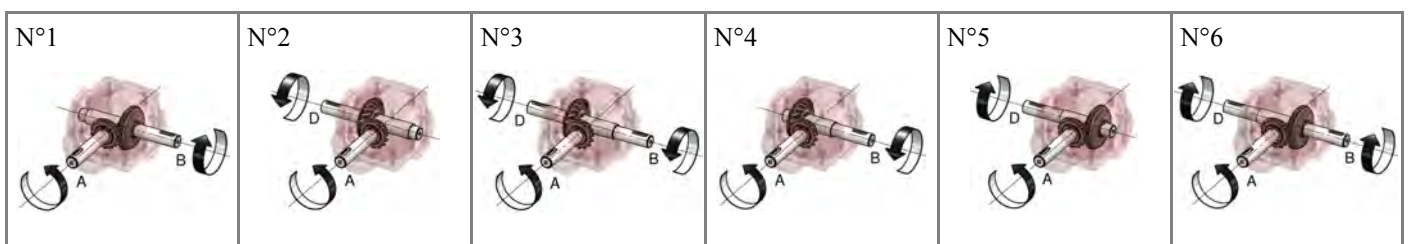


0.8 L
TM80W90

A - B - D
1"3/8 (6) - $\phi 35$

22 KG

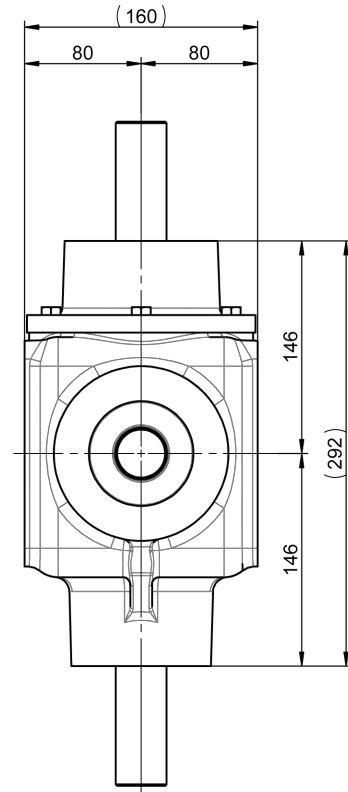
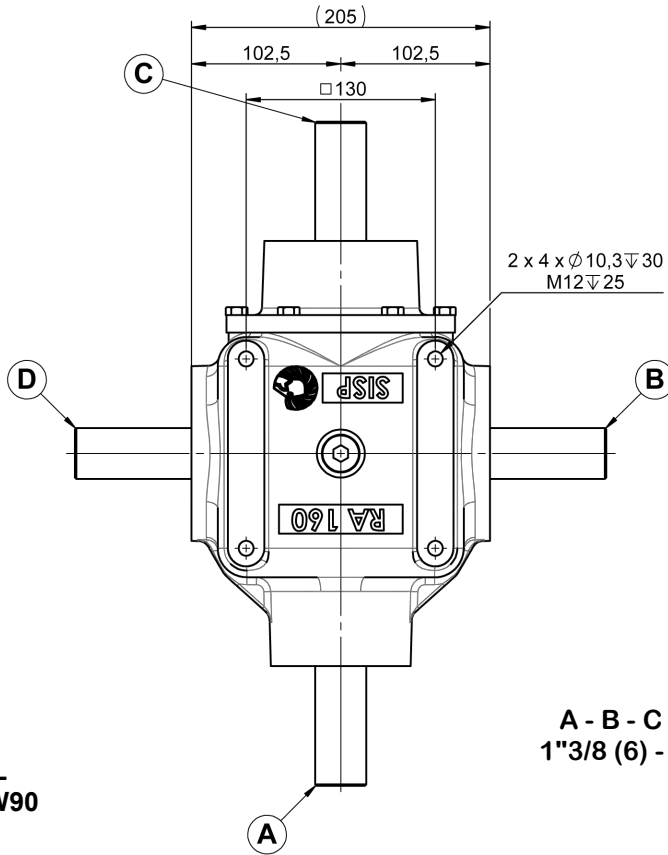
RAPPORT RATIO	T/MN - RPM	A			B - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1	540	89	65	1176	540	1176
1/1.28		63	46	840	422	1070
1/1.47		60	44	796	367	1172
1/1.83		41	30	552	295	1000
1/1	1000	152	111	1088	1000	1088
1/1.28		109	80	781	781	1000
1/1.47		104	76	744	680	1096
1/1.83		72	54	516	546	936





RA160 RENVOI D'ANGLE

RA160 GEARBOX

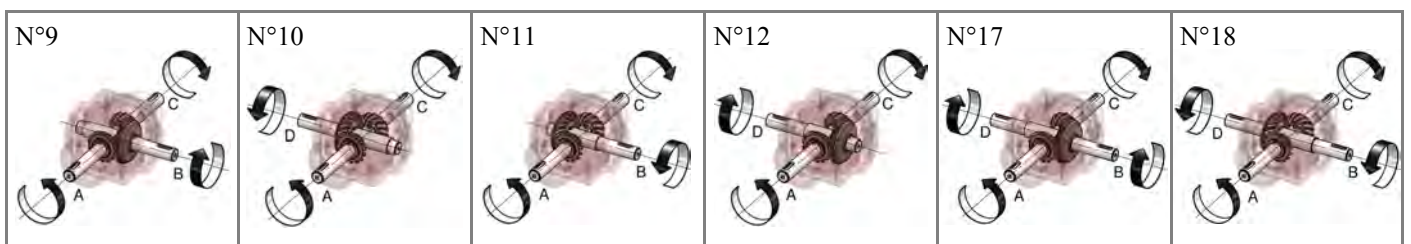


A - B - C - D
1"3/8 (6) - Ø35

0.8 L
TM80W90

28 KG

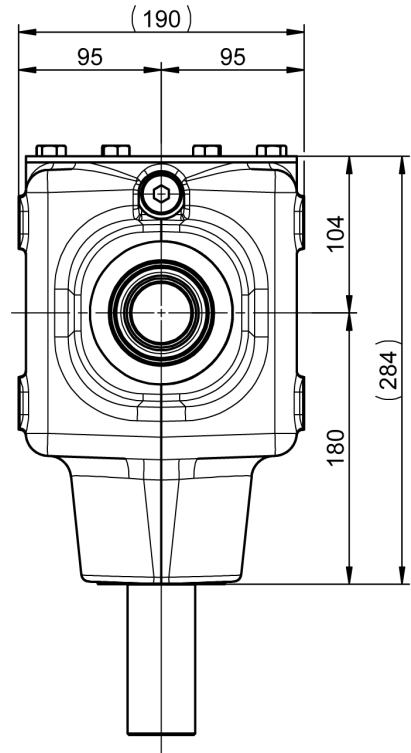
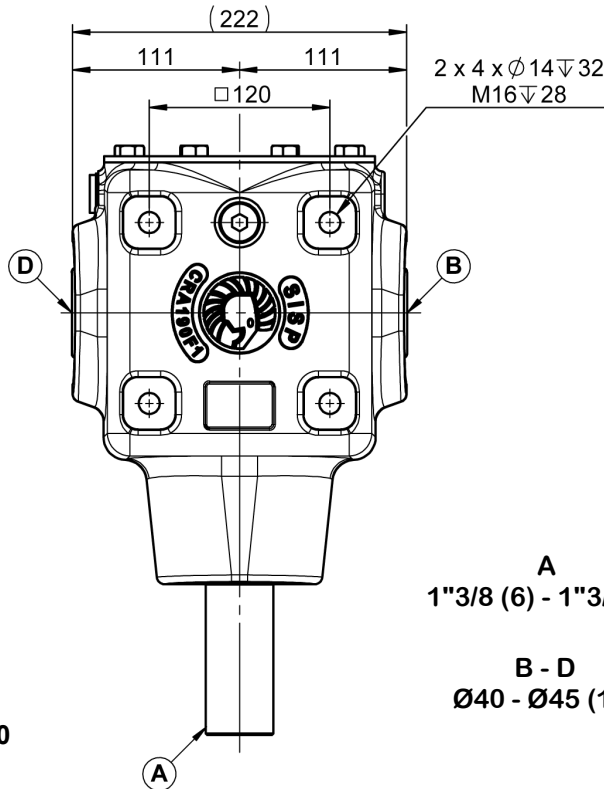
RAPPORT RATIO	T/MN - RPM	A - C			B - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1	540	89	65	1176	540	1176
1/1.28		63	46	840	422	1070
1/1.47		60	44	796	367	1172
1/1.83		41	30	552	295	1000
1/1	1000	152	111	1088	1000	1088
1/1.28		109	80	781	781	1000
1/1.47		104	76	744	680	1096
1/1.83		72	54	516	546	936





RA190 RENVOI D'ANGLE

RA190 GEARBOX



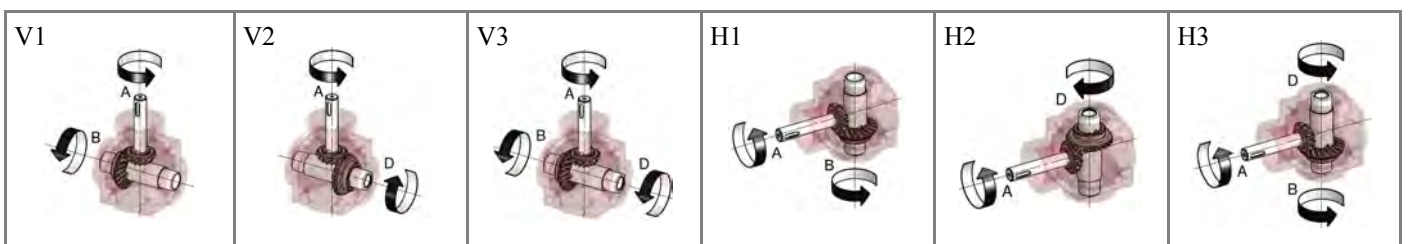
A
1"3/8 (6) - 1"3/4 (6)

B - D
Ø40 - Ø45 (16)

1.2 L
TM80W90

31 KG

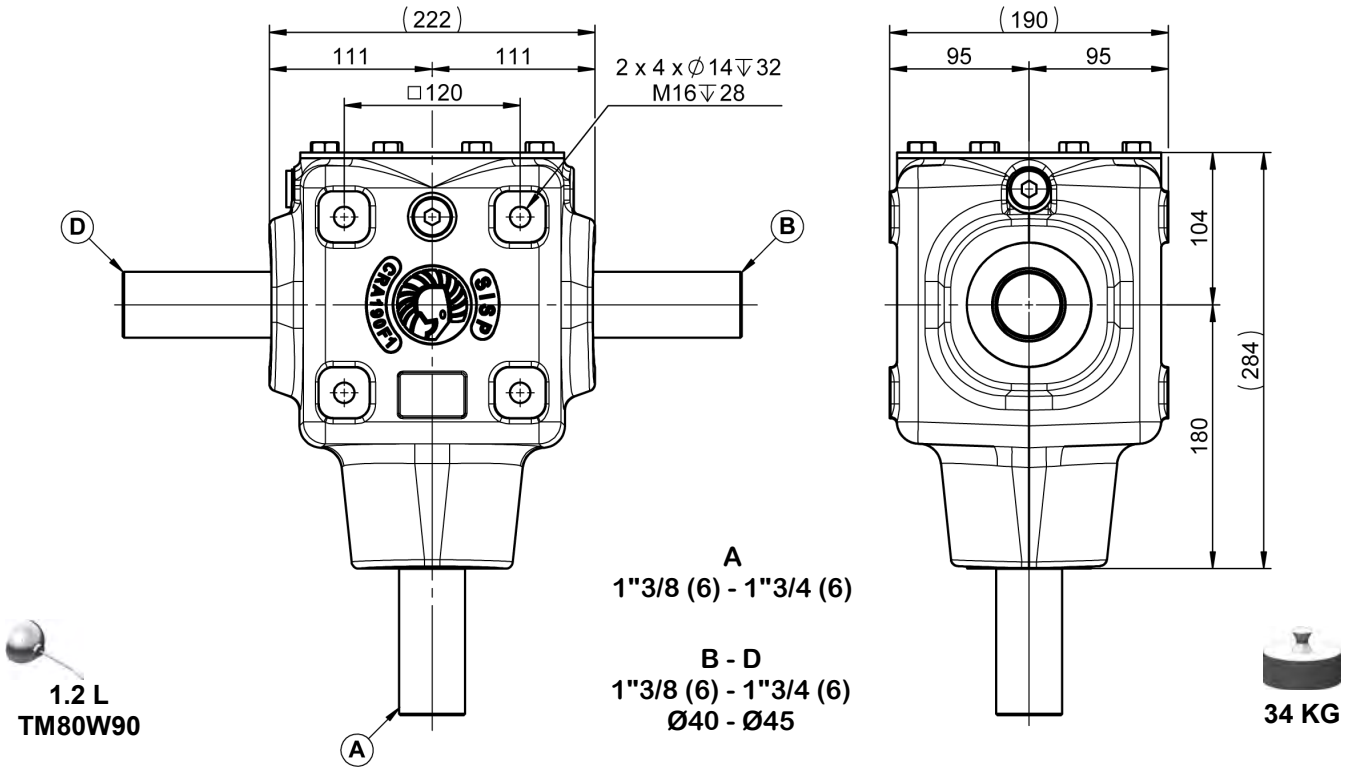
RAPPORT RATIO	T/MN - RPM	A			B - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1	540	128	94	1696	540	1696
1/1.12		117	86	1552	486	1720
1/1.28		104	76	1384	420	1768
1/1.35		103	76	1364	399	1840
1/1.5		80	59	1068	360	1600
1/1.83		69	51	916	295	1664
1/1	1000	218	160	1560	1000	1560
1/1.12		199	146	1428	900	1584
1/1.28		178	131	1280	778	1636
1/1.35		176	130	1264	739	1704
1/1.5		138	102	992	666	1488
1/1.83		119	87	852	545	1552



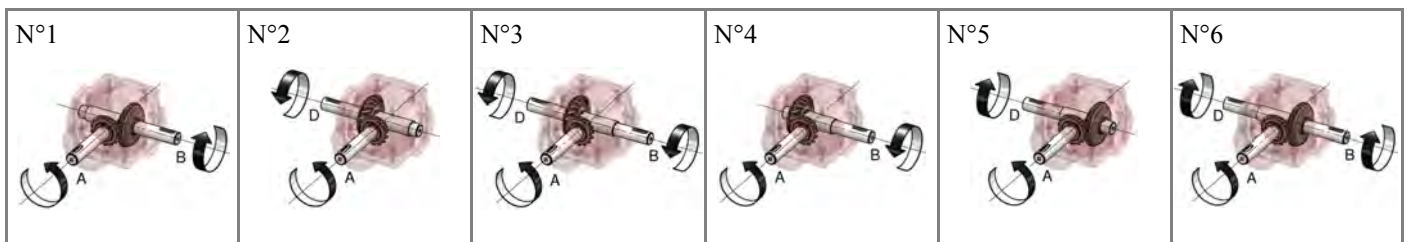


RA190 RENVOI D'ANGLE

RA190 GEARBOX



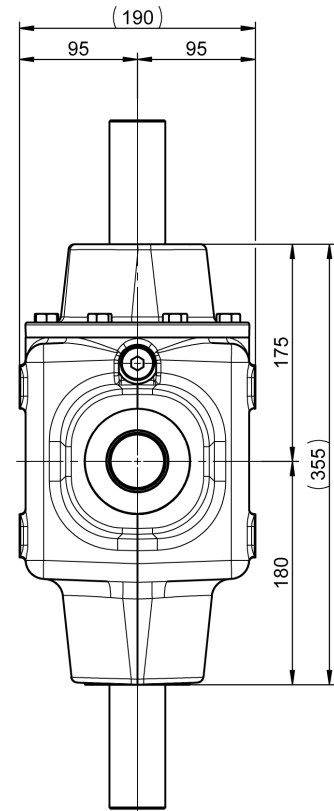
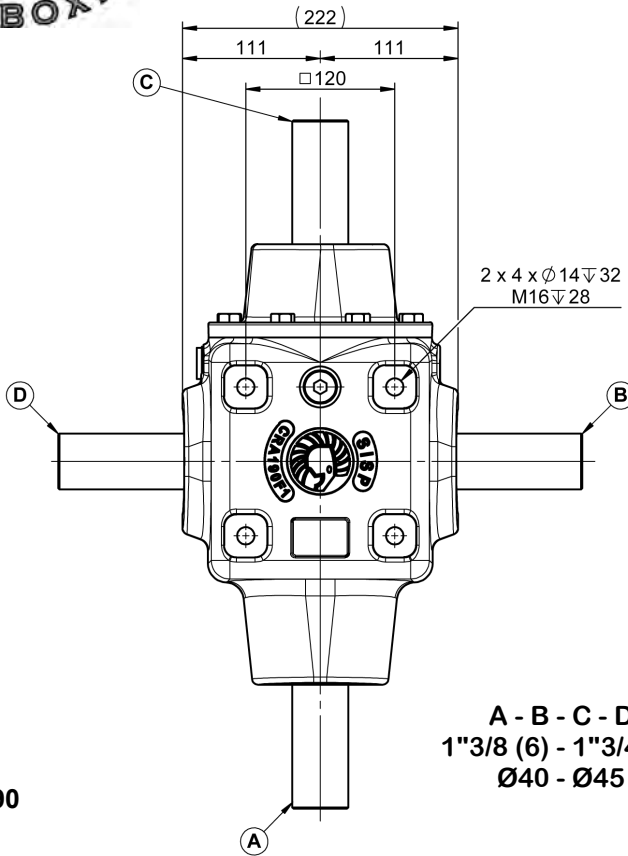
RAPPORT RATIO	T/MN - RPM	A			B - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1	540	128	94	1696	540	1696
1/1.12		117	86	1552	486	1720
1/1.28		104	76	1384	420	1768
1/1.35		103	76	1364	399	1840
1/1.5		80	59	1068	360	1600
1/1.83		69	51	916	295	1664
1/1	1000	218	160	1560	1000	1560
1/1.12		199	146	1428	900	1584
1/1.28		178	131	1280	778	1636
1/1.35		176	130	1264	739	1704
1/1.5		138	102	992	666	1488
1/1.83		119	87	852	545	1552





RA190 RENVOI D'ANGLE

RA190 GEARBOX

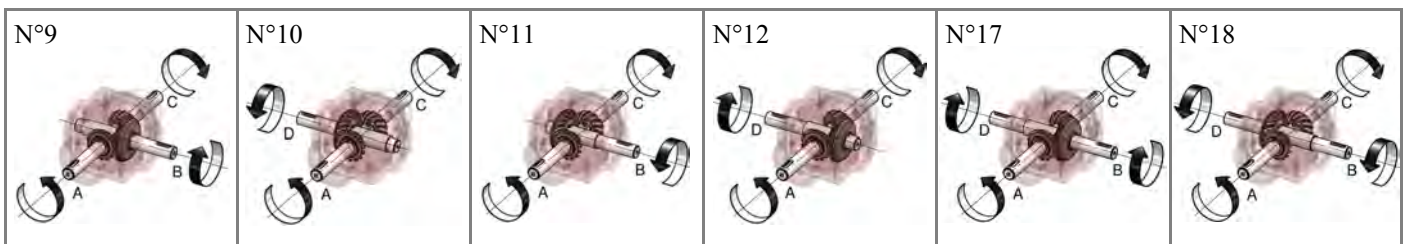


A - B - C - D
1"3/8 (6) - 1"3/4 (6)
Ø40 - Ø45

1.3 L
TM80W90

42 KG

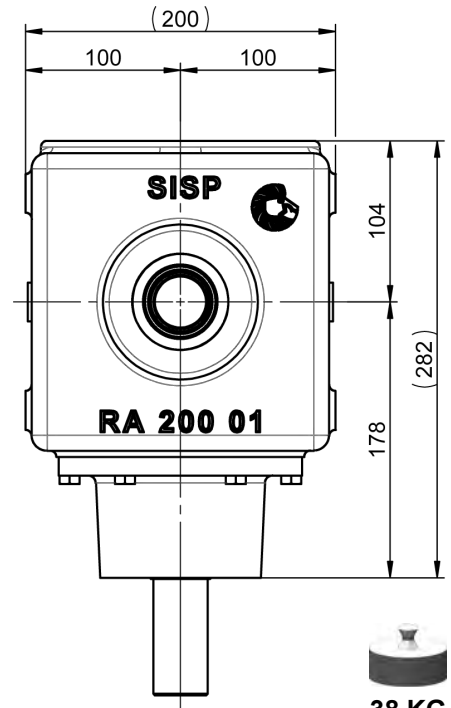
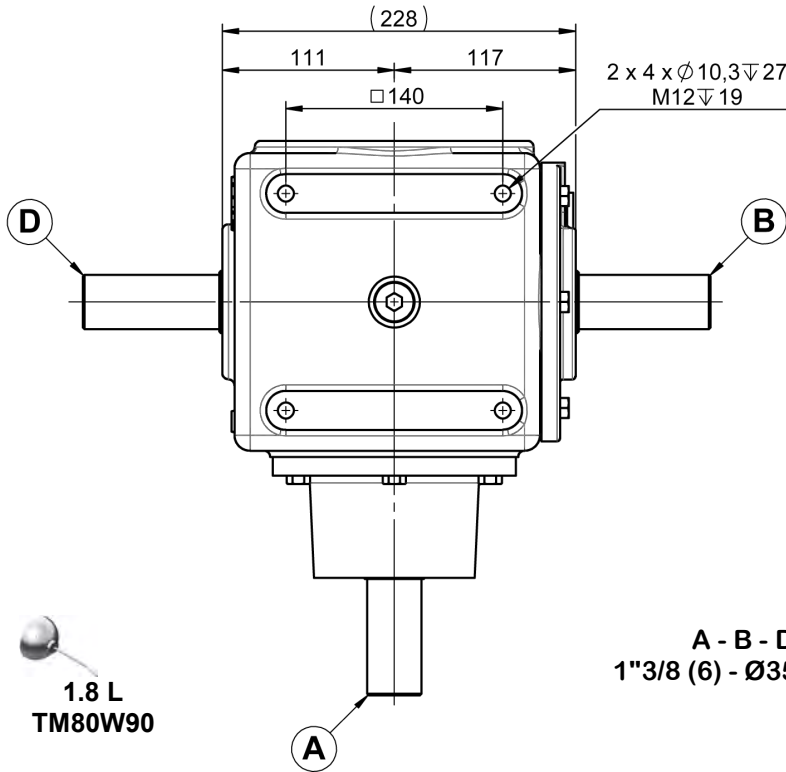
RAPPORT RATIO	T/MN - RPM	A - C			B - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1	540	128	94	1696	540	1696
1/1.12		117	86	1552	486	1720
1/1.28		104	76	1384	420	1768
1/1.35		103	76	1364	399	1840
1/1.5		80	59	1068	360	1600
1/1.83		69	51	916	295	1664
1/1	1000	218	160	1560	1000	1560
1/1.12		199	146	1428	900	1584
1/1.28		178	131	1280	778	1636
1/1.35		176	130	1264	739	1704
1/1.5		138	102	992	666	1488
1/1.83		119	87	852	545	1552





RA200 RENVOI D'ANGLE

RA200 GEARBOX



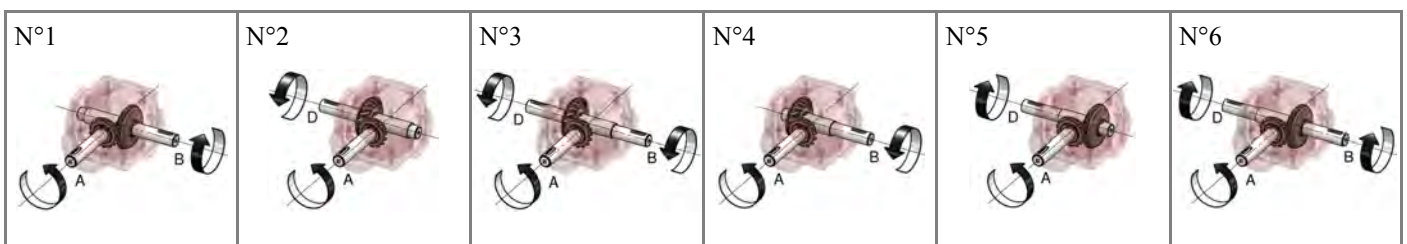
A - B - D
1"3/8 (6) - Ø35 - Ø40

1.8 L
TM80W90

38 KG

RAPPOR RATIO	T/MN - RPM	A			B - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1	540	89	65	1176	540	1176
1/2.07		40	29	517	260	1070
1/1	1000	152	112	1080	1000	1080
1/2.07		68	50	487	483	1008

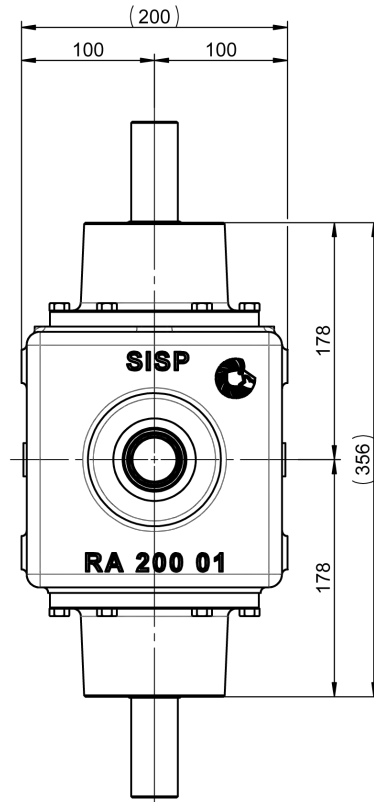
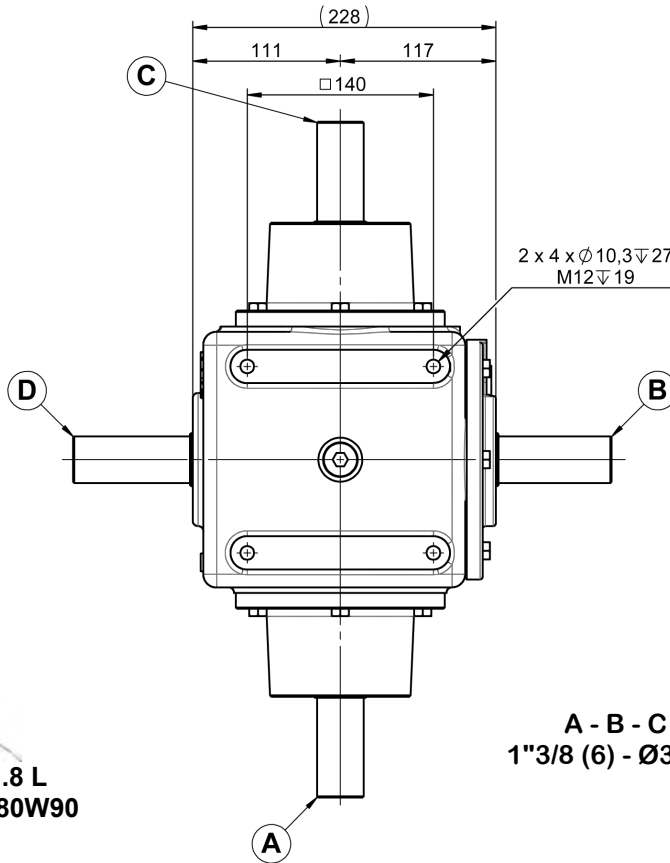
RAPPOR RATIO	T/MN - RPM	B - D			A	
		CV - HP	KW	NM	T/MN - RPM	NM
2.07/1	540	68	50	900	1118	430
2.07/1	1000	115	85	820	2070	400





RA200 RENVOI D'ANGLE

RA200 GEARBOX



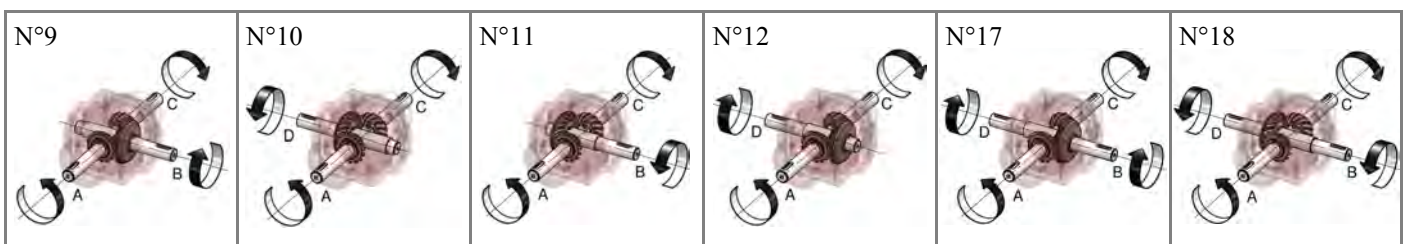
1.8 L
TM80W90

A - B - C - D
1"3/8 (6) - $\phi 35$ - $\phi 40$

45 KG

RAPPORT RATIO	T/MN - RPM	A - C			B - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1	540	89	65	1176	540	1176
1/2.07		40	29	517	260	1070
1/1	1000	152	112	1080	1000	1080
1/2.07		68	50	487	483	1008

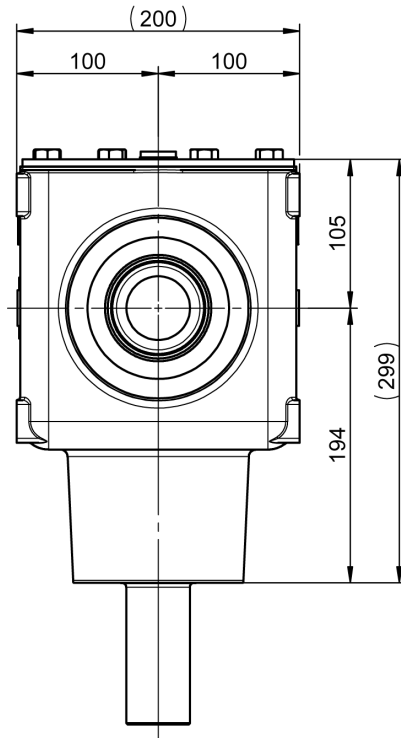
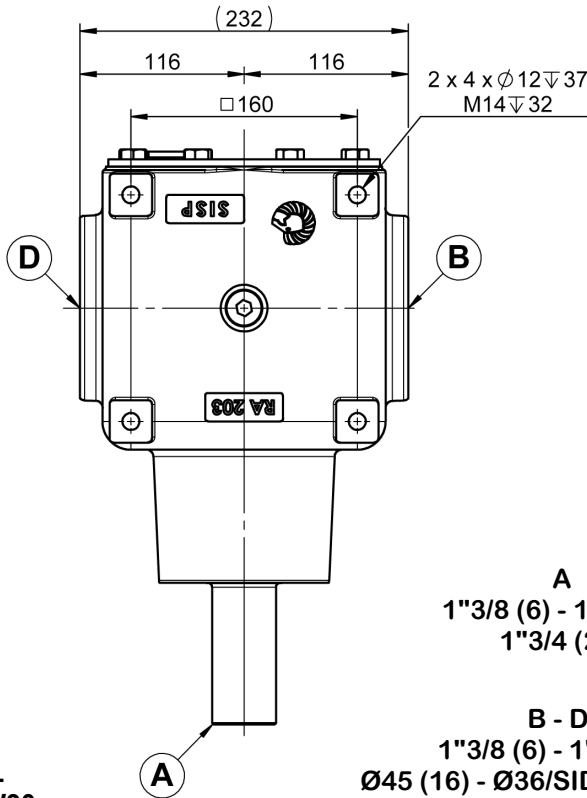
RAPPORT RATIO	T/MN - RPM	B - D			A - C	
		CV - HP	KW	NM	T/MN - RPM	NM
2.07/1	540	68	50	900	1118	430
2.07/1	1000	115	85	820	2070	400





RA203 RENVOI D'ANGLE

RA203 GEARBOX



A
 1"3/8 (6) - 1"3/4 (6)
 1"3/4 (20)

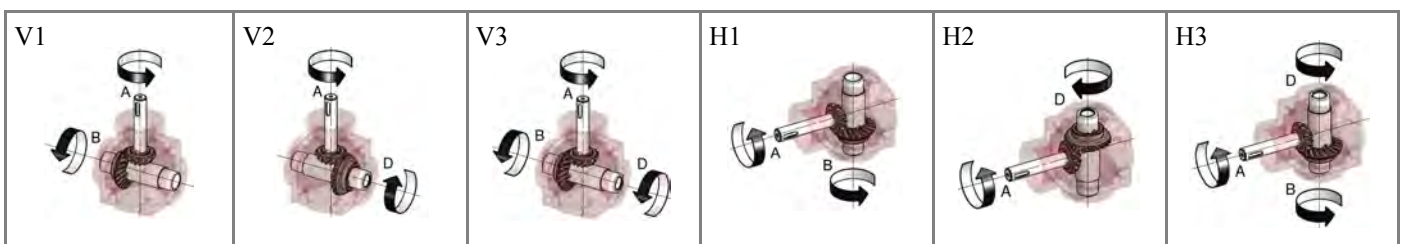
B - D
 1"3/8 (6) - 1"3/4 (6)
 Ø45 (16) - Ø36/SIDE - Ø41/SIDE

1.5 L
 TM80W90

42 KG

RAPPORT RATIO	T/MN - RPM	A			B - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1	540	156	115	2070	540	2070
1/1.35		155	114	2060	400	2780
1/1.83		101	74	1332	295	2444
1/1	1000	266	196	1910	1000	1910
1/1.35		265	195	1900	740	2596
1/1.83		174	128	1244	546	2281

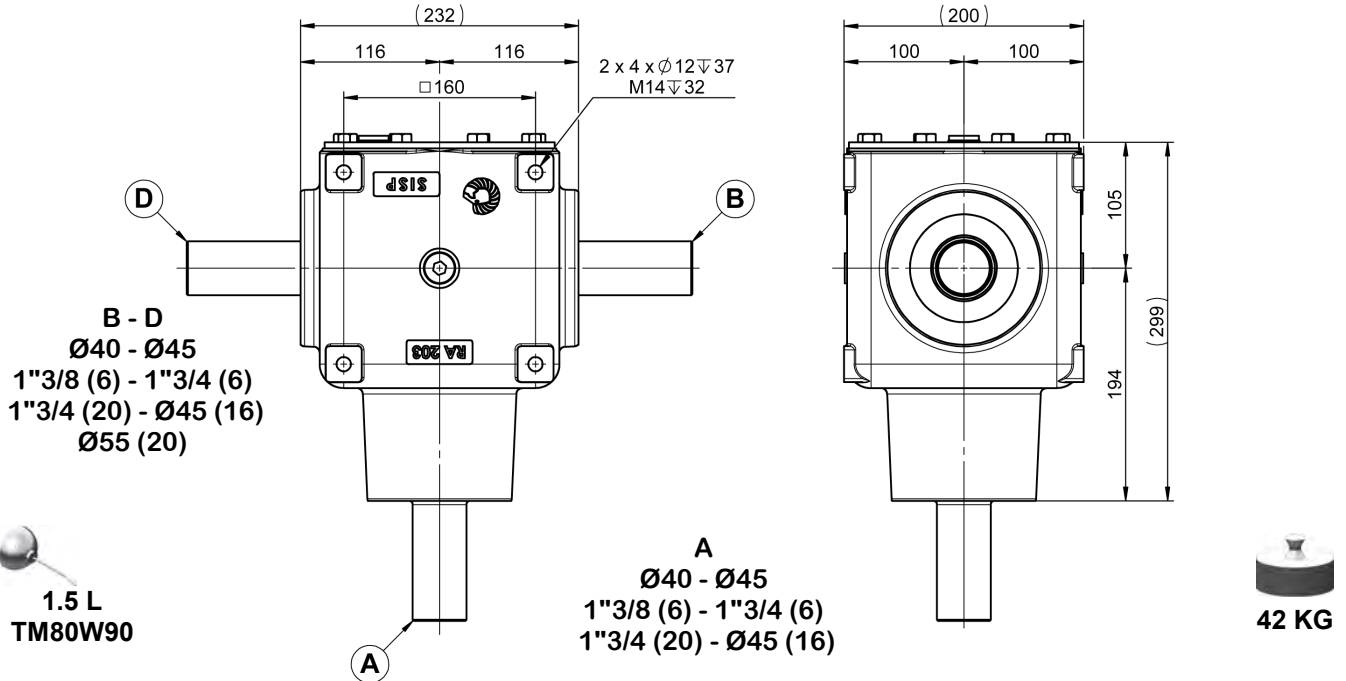
RAPPORT RATIO	T/MN - RPM	B - D			A	
		CV - HP	KW	NM	T/MN - RPM	NM
1.35/1	540	209	154	2780	729	2060
1.83/1		184	135	2436	988	1332





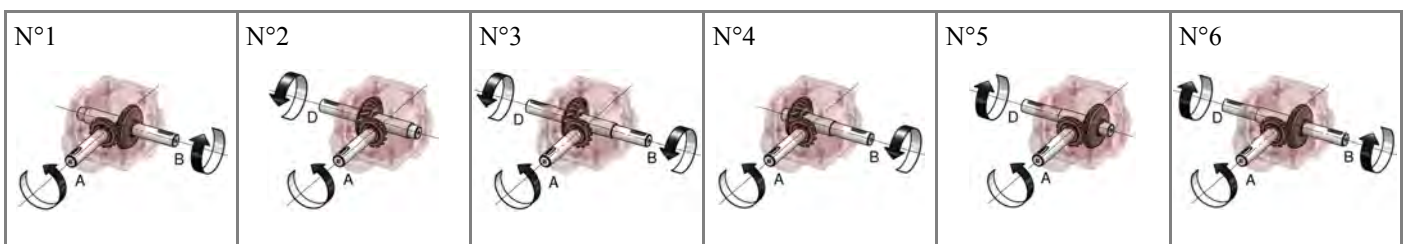
RA203 RENVOI D'ANGLE

RA203 GEARBOX



RAPPORT RATIO	A				B - D	
	T/MN - RPM	CV - HP	KW	NM	T/MN - RPM	NM
1/1	540	156	115	2070	540	2070
1/1.35		155	114	2060	400	2780
1/1.54		124	91	1652	350	2528
1/1.83		101	74	1332	295	2444
1/1	1000	266	196	1910	1000	1910
1/1.35		265	195	1900	740	2596
1/1.54		212	156	1528	650	2344
1/1.83		174	128	1244	546	2281

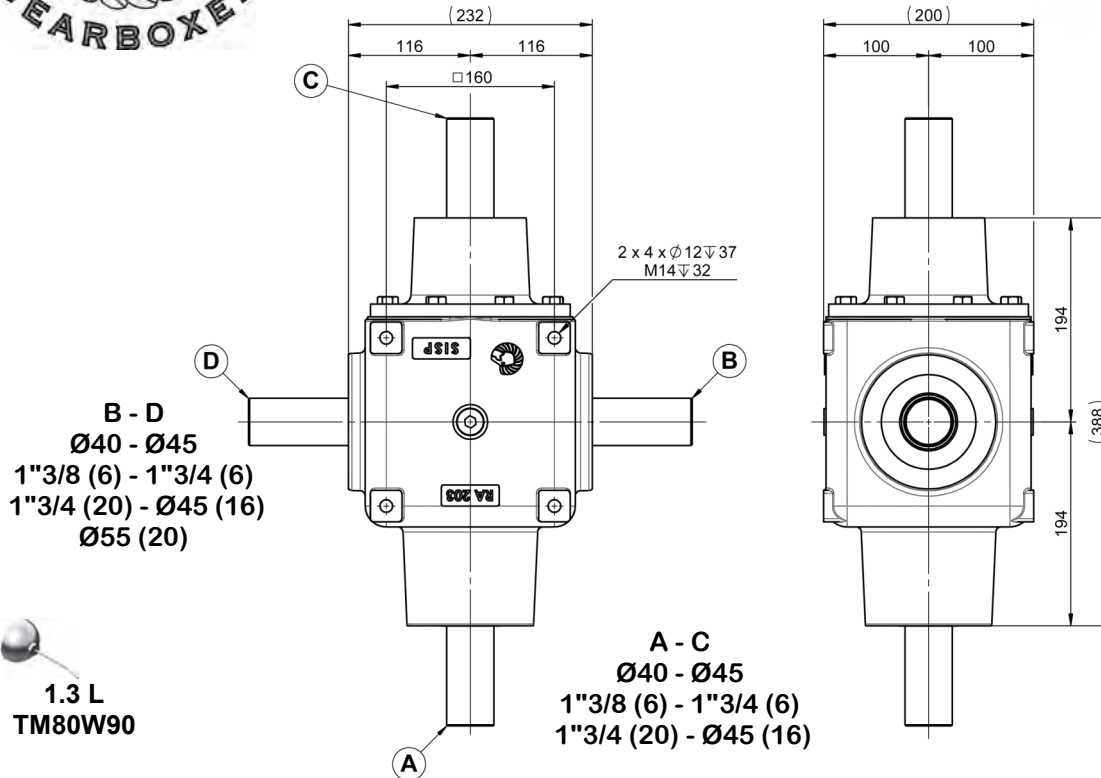
RAPPORT RATIO	B - D			A		
	T/MN - RPM	CV - HP	KW	NM	T/MN - RPM	NM
1.35/1	540	209	154	2780	729	2060
1.54/1		191	141	2540	831	1652
1.83/1		184	135	2436	988	1332





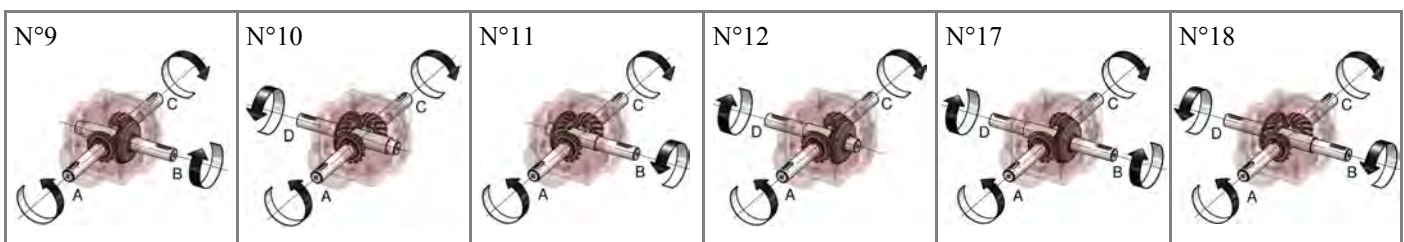
RA203 RENVOI D'ANGLE

RA203 GEARBOX



RAPPORT RATIO	T/MN - RPM	A - C			B - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1	540	156	115	2070	540	2070
1/1.35		155	114	2060	400	2780
1/1.54		124	91	1652	350	2528
1/1.83		101	74	1332	295	2444
1/1	1000	266	196	1910	1000	1910
1/1.35		265	195	1900	740	2596
1/1.54		212	156	1528	650	2344
1/1.83		174	128	1244	546	2281

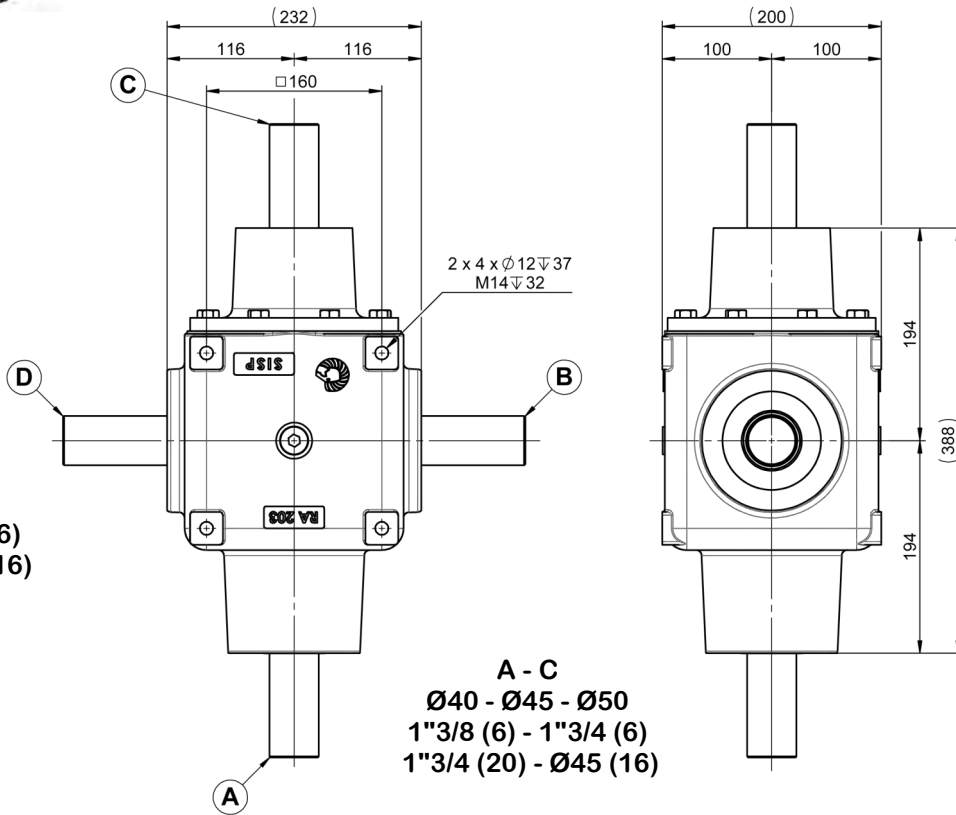
RAPPORT RATIO	T/MN - RPM	B - D			A - C	
		CV - HP	KW	NM	T/MN - RPM	NM
1.35/1	540	209	154	2780	729	2060
1.54/1		191	141	2540	813	1652
1.83/1		184	135	2436	988	1332





RA203 RENVOI D'ANGLE

RA203 GEARBOX



B - D
 Ø40 - Ø45
 1"3/8 (6) - 1"3/4 (6)
 1"3/4 (20) - Ø45 (16)

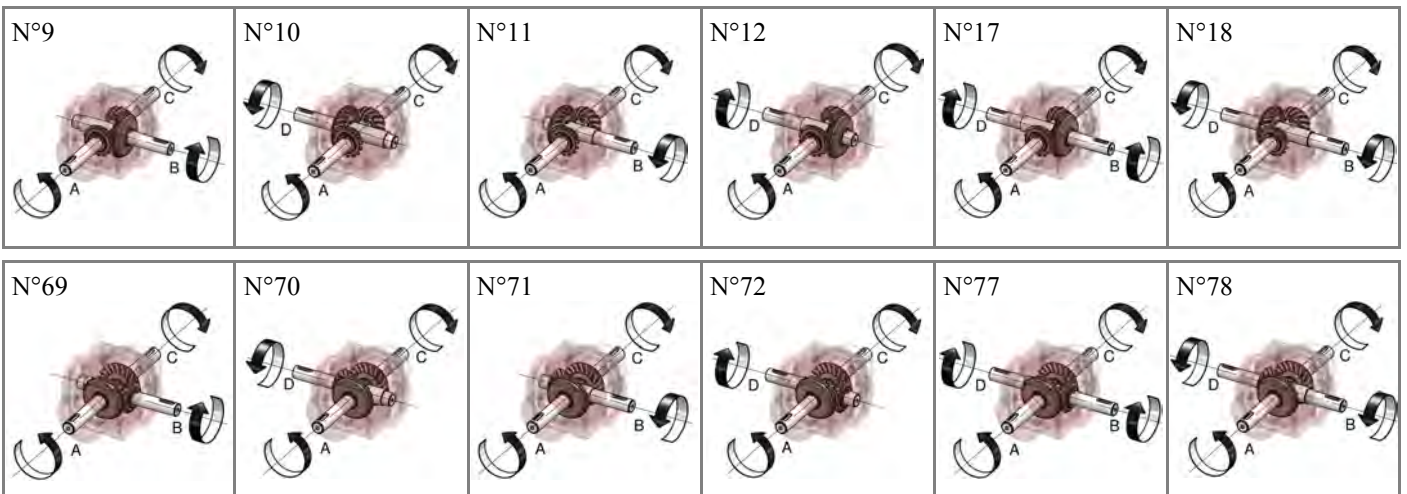
A - C
 Ø40 - Ø45 - Ø50
 1"3/8 (6) - 1"3/4 (6)
 1"3/4 (20) - Ø45 (16)

1.3 L
 TM80W90

54 KG

RAPPORT RATIO	T/MN - RPM	A - C			B - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1.75/1	540	130	95	1724	945	984
1.75/1	1000	223	164	1600	1750	916

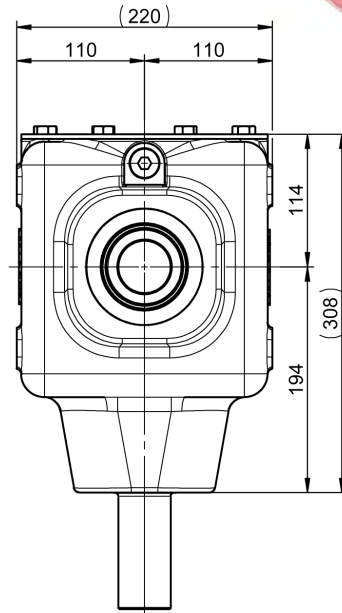
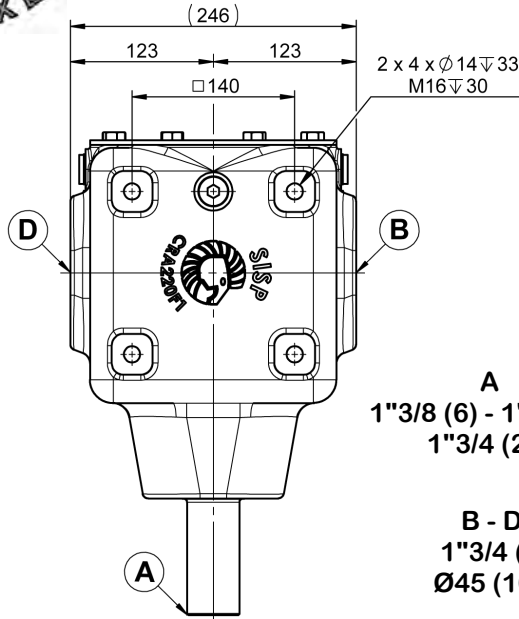
RAPPORT RATIO	T/MN - RPM	B - D			A - C	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1.75	540	74	54	988	309	1732
1/1.75	1000	128	94	920	571	1608





RA220 RENVOI D'ANGLE

RA220 GEARBOX



A
1"3/8 (6) - 1"3/4 (6)
1"3/4 (20)

B - D
1"3/4 (6)
Ø45 (16)

2 L
TM80W90

46 KG

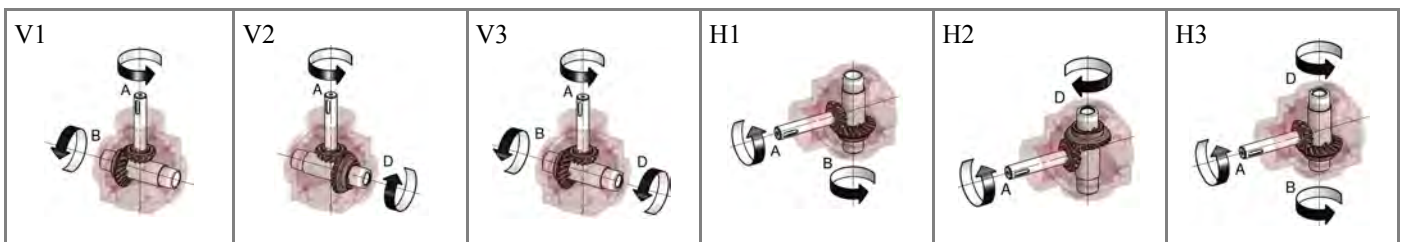
ENTREE A VERSION STANDARD / INPUT A STANDARD VERSION

RAPPOR RATIO	T/MN - RPM	A			B - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1	540	156	115	2070	540	2070
1/1.35		155	114	2060	400	2780
1/1.54		124	91	1650	350	2528
1/1	1000	266	196	1910	1000	1910
1/1.35		265	195	1900	740	2596
1/1.54		212	156	1528	650	2344

ENTREE A VERSION RENFORCEE / INPUT A REINFORCED VERSION

RAPPOR RATIO	T/MN - RPM	A			B - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1.54	540	168	124	2232	350	3412
1/1.83		132	97	1756	294	3204
1/1.54	1000	288	212	2064	650	3156
1/1.83		228	167	1632	545	2984

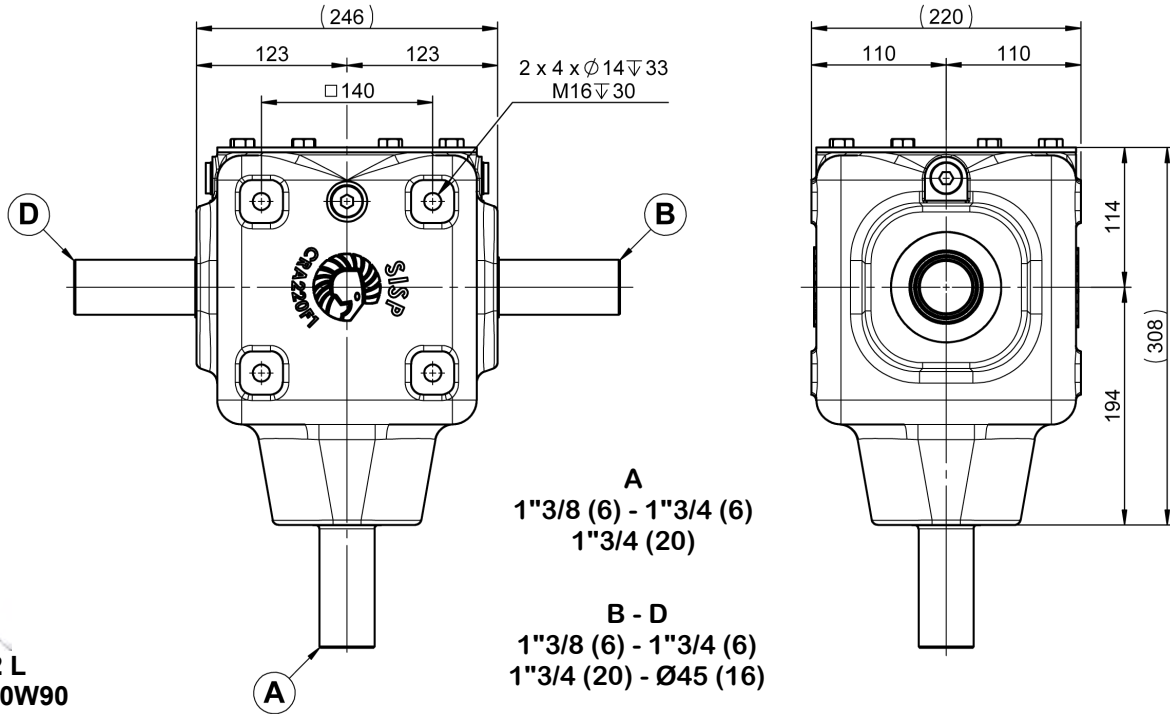
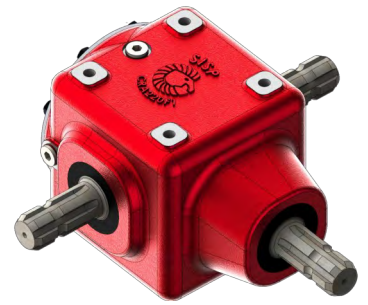
RAPPOR RATIO	T/MN - RPM	B - D			A	
		CV - HP	KW	NM	T/MN - RPM	NM
1.54/1	540	192	141	2540	832	1652





RA220 RENVOI D'ANGLE

RA220 GEARBOX

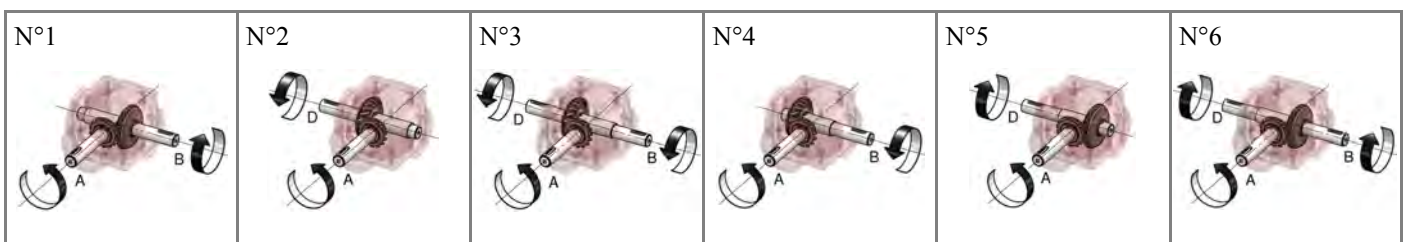


ENTREE A VERSION STANDARD / INPUT A STANDARD VERSION

RAPPORT RATIO	T/MN - RPM	A			B - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1	540	156	115	2070	540	2070
1/1.28		137	100	1820	422	2330
1/1.54		124	91	1650	350	2528
1/1	1000	266	196	1910	1000	1910
1/1.28		235	173	1684	781	2156
1/1.54		212	156	1528	650	2344

ENTREE A VERSION RENFORCEE / INPUT A REINFORCED VERSION

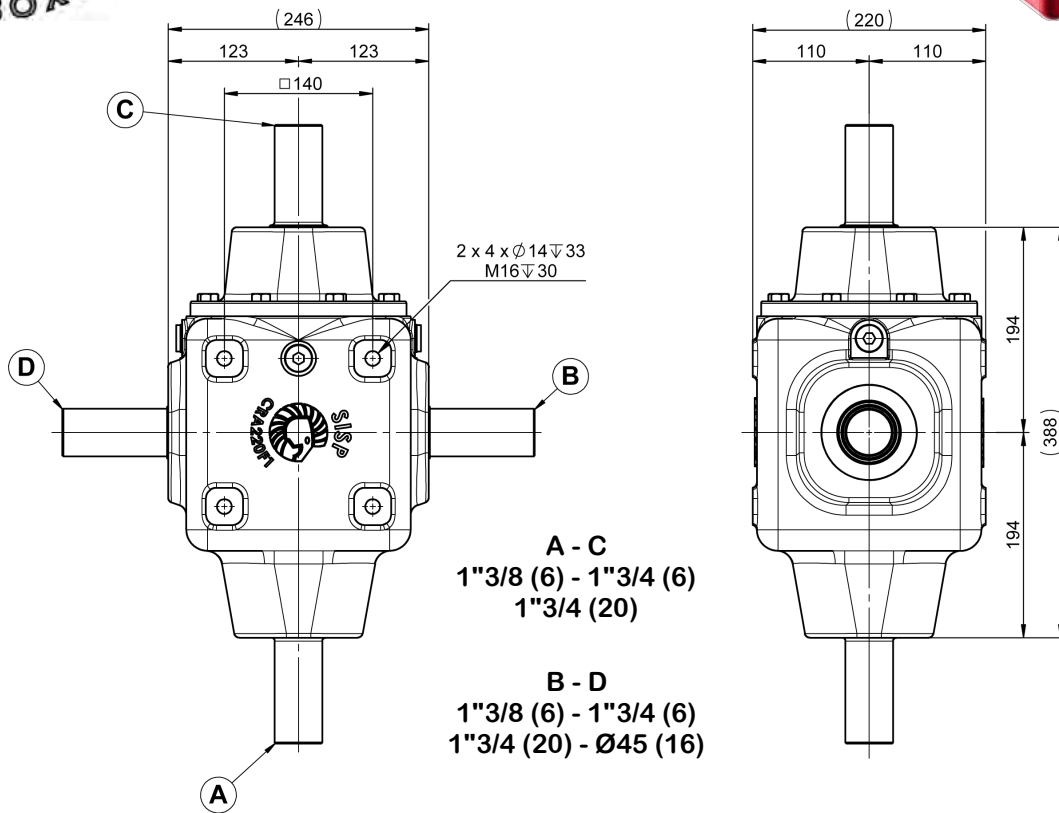
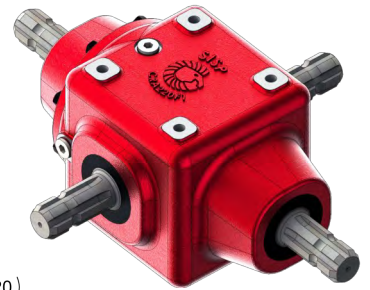
RAPPORT RATIO	T/MN - RPM	A			B - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1.54	540	168	124	2232	350	3412
1/1.54	1000	288	212	2064	650	3156





RA220 RENVOI D'ANGLE

RA220 GEARBOX



1.8 L
TM80W90

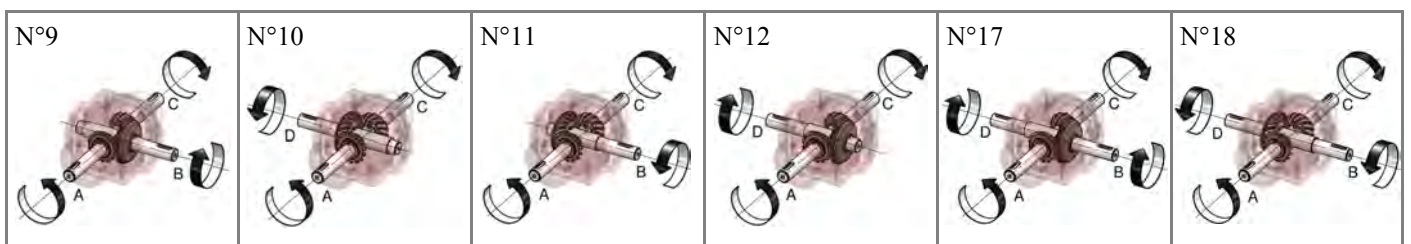
58 KG

ENTREE A VERSION STANDARD / INPUT A STANDARD VERSION

RAPPORT RATIO	T/MN - RPM	A - C			B - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1	540	156	115	2070	540	2070
1/1.28		137	100	1820	422	2330
1/1.54		124	91	1650	350	2528
1/1	1000	266	196	1910	1000	1910
1/1.28		235	173	1684	781	2156
1/1.54		212	156	1528	650	2344

ENTREE A VERSION RENFORCEE / INPUT A REINFORCED VERSION

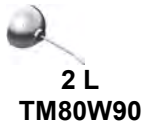
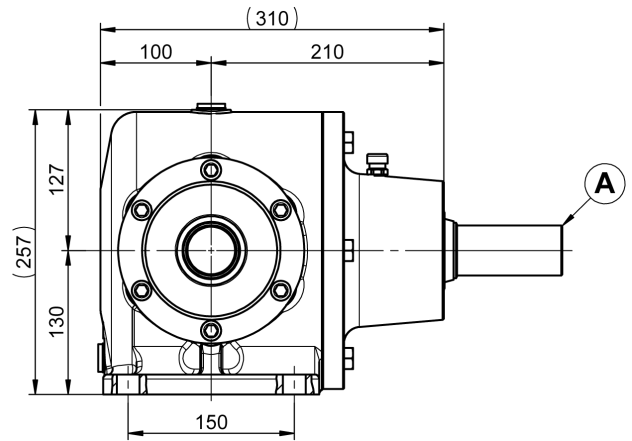
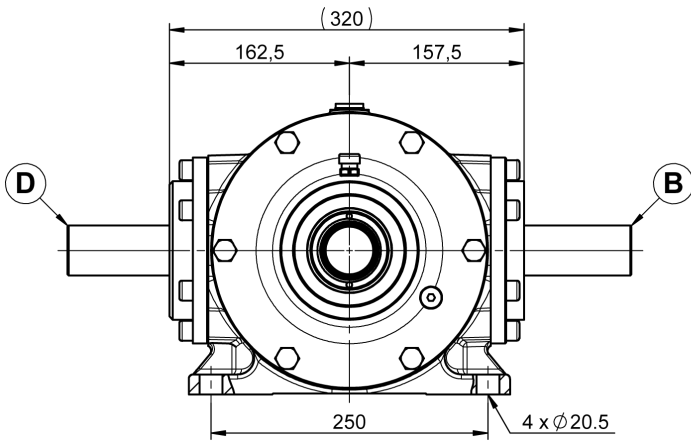
RAPPORT RATIO	T/MN - RPM	A - C			B - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1.54	540	168	124	2232	350	3412
1/1.54	1000	288	212	2064	650	3156





RAR250 RENVOI D'ANGLE

RAR250 GEARBOX

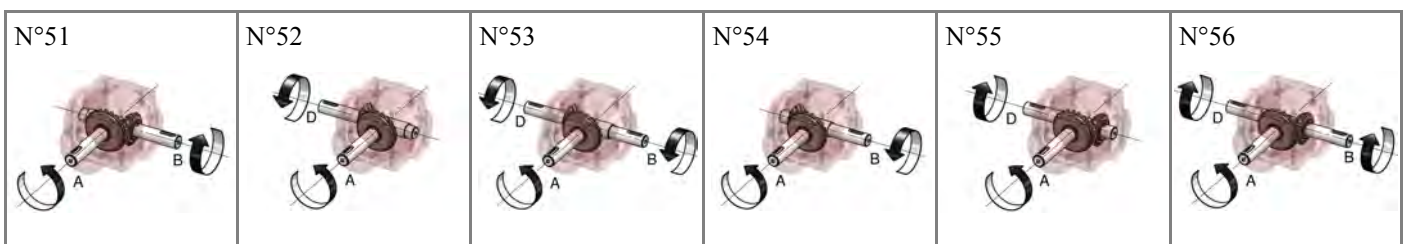


A - B - D
 Ø45 - 1"3/4 (6)
 1"3/4 (20) - Ø45 (16)



RAPPORT RATIO	T/MN - RPM	B - D			A	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1.87	540	128	94	1692	289	3156
1/2.07		115	85	1524	261	3150
1/1.87	1000	219	161	1568	536	2924
1/2.07		197	145	1412	483	2920

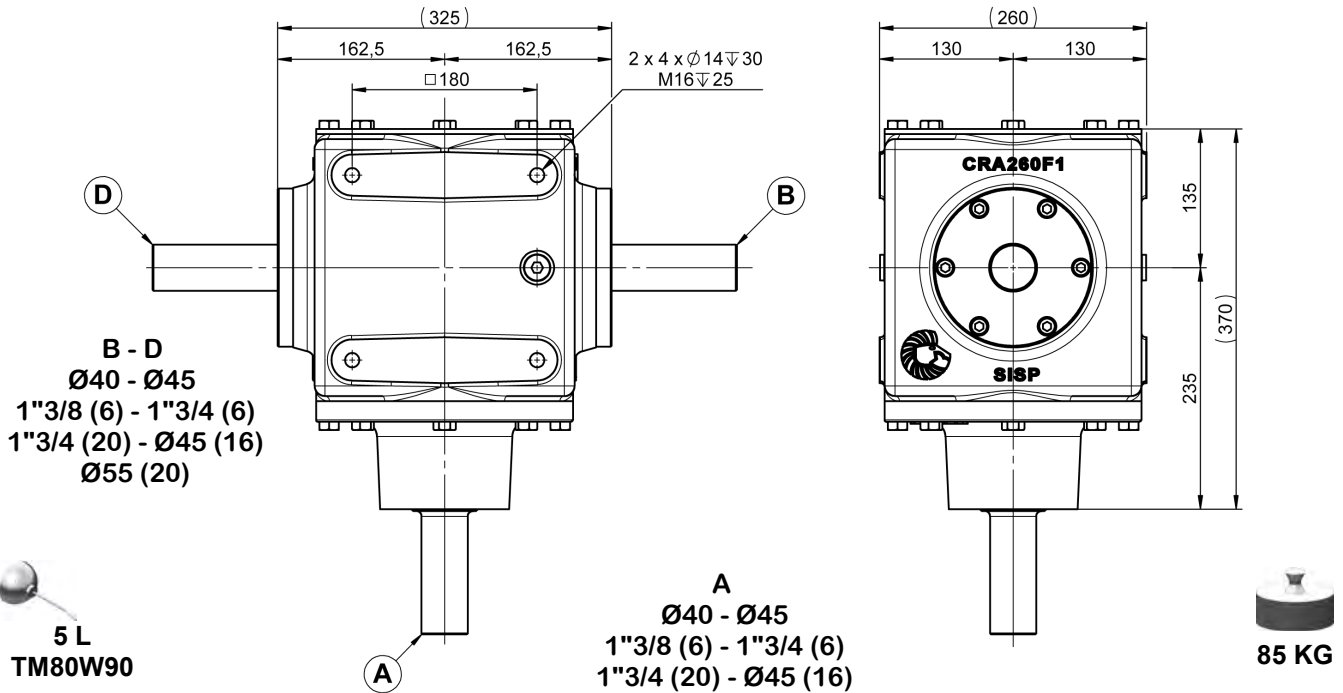
RAPPORT RATIO	T/MN - RPM	A			B - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1.87/1	540	238	175	3150	1008	1690
2.07/1		214	157	2837	1121	1367





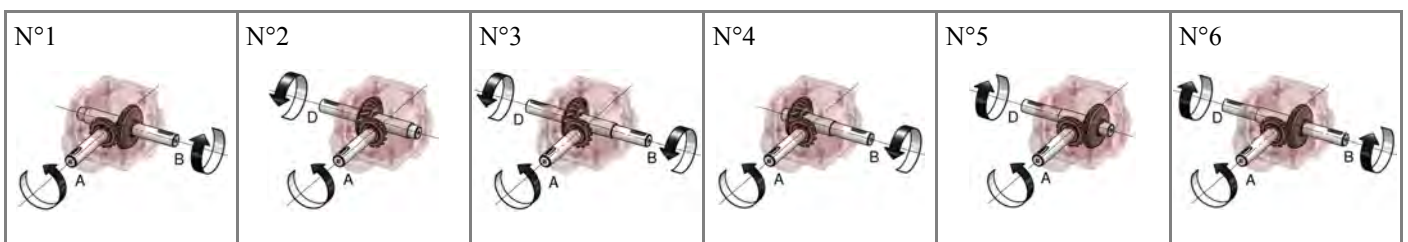
RA260 RENVOI D'ANGLE

RA260 GEARBOX



RAPPORT RATIO	T/MN - RPM	A			B - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1	540	247	182	3280	540	3280
1/1.53		168	124	2232	351	3412
1/1.87		127	93	1692	289	3156
1/1	1000	420	309	3000	1000	3000
1/1.53		288	211	2064	653	3156
1/1.87		219	161	1568	535	2924

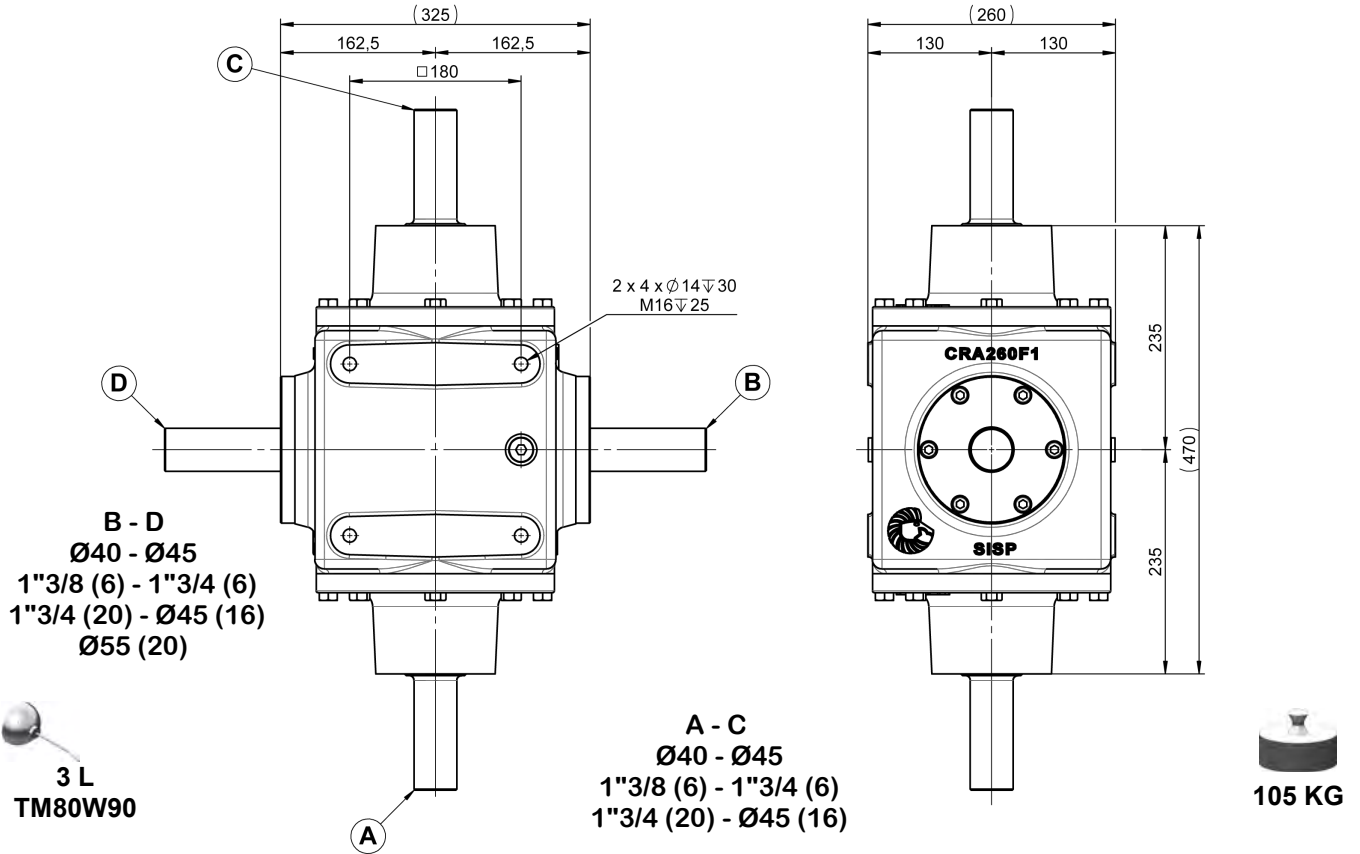
RAPPORT RATIO	T/MN - RPM	B - D			A	
		CV - HP	KW	NM	T/MN - RPM	NM
1.53/1	540	253	186	3356	826	2188
1.87/1		238	175	3150	1008	1690





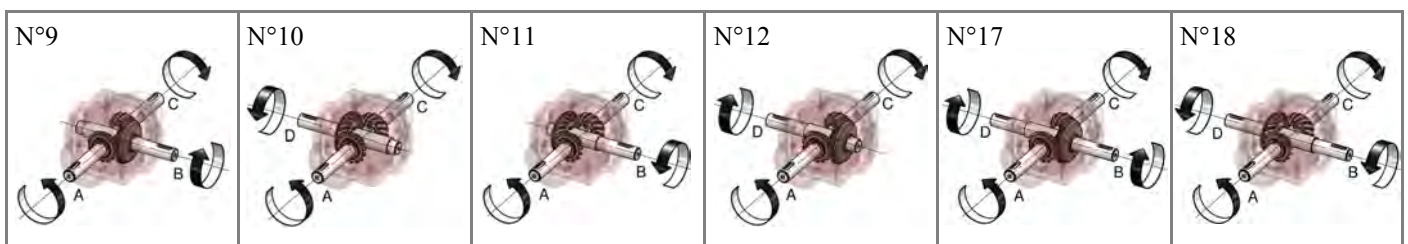
RA260 RENVOI D'ANGLE

RA260 GEARBOX



RAPPORT RATIO	T/MN - RPM	A - C			B - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1	540	247	182	3280	540	3280
1/1.53		168	124	2232	351	3412
1/1.87		127	93	1692	289	3156
1/1	1000	420	309	3000	1000	3000
1/1.53		288	211	2064	653	3156
1/1.87		219	161	1568	535	2924

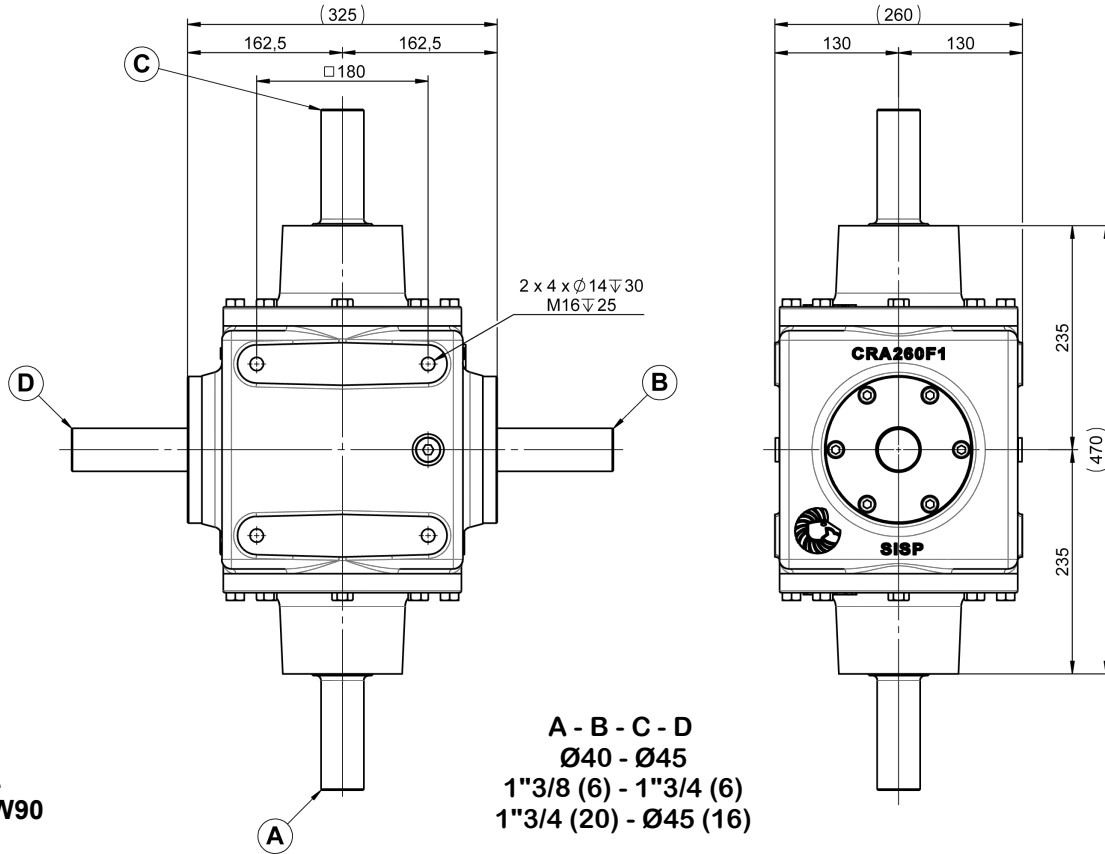
RAPPORT RATIO	T/MN - RPM	B - D			A - C	
		CV - HP	KW	NM	T/MN - RPM	NM
1.53/1	540	282	207	3748	826	2436
1.87/1		238	175	3150	1008	1690





RA260 RENVOI D'ANGLE

RA260 GEARBOX



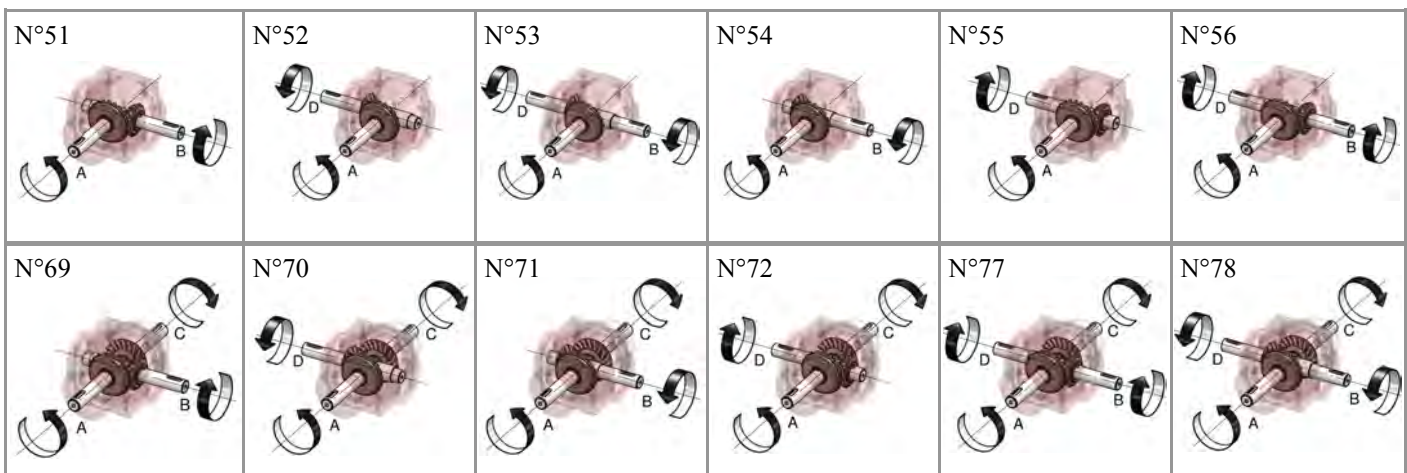
3 L
TM80W90

A - B - C - D
 Ø40 - Ø45
 1"3/8 (6) - 1"3/4 (6)
 1"3/4 (20) - Ø45 (16)

105 KG

RAPPORT RATIO	T/MN - RPM	B - D			A - C	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1.87	540	127	93	1692	289	3156
1/1.87	1000	219	161	1568	535	2924

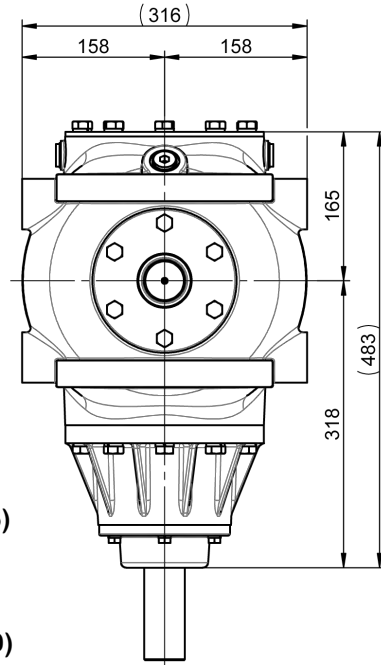
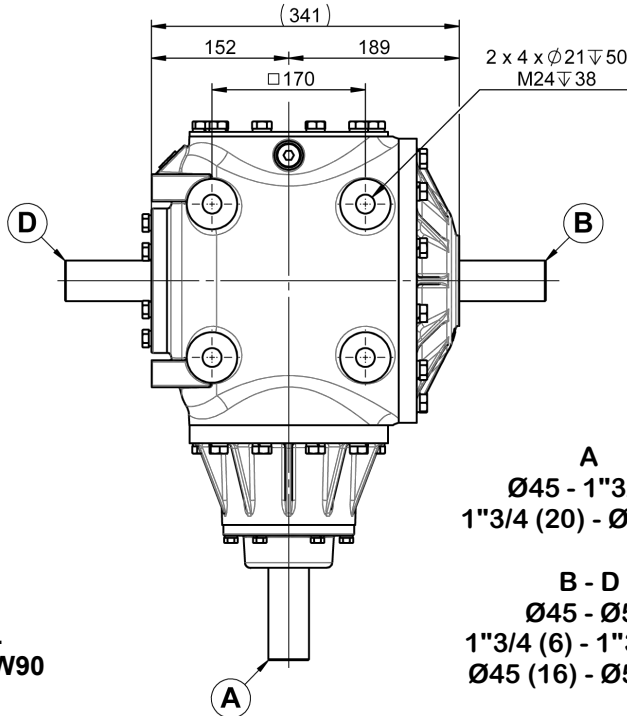
RAPPORT RATIO	T/MN - RPM	A - C			B - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1.87/1	540	238	175	3150	1008	1690





RA320 RENVOI D'ANGLE

RA320 GEARBOX



A
 Ø45 - 1"3/4 (6)
 1"3/4 (20) - Ø45 (16)

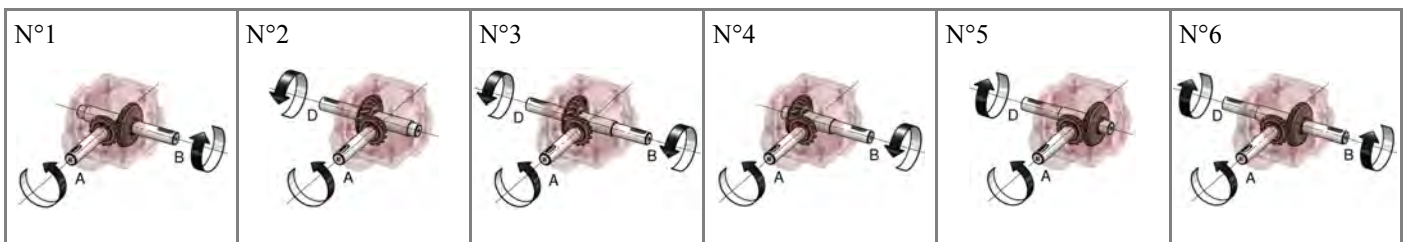
B - D
 Ø45 - Ø55
 1"3/4 (6) - 1"3/4 (20)
 Ø45 (16) - Ø55 (20)

6 L
 TM80W90

131 KG

RAPPORT RATIO	T/MN - RPM	A			B - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1	540	252	185	3340	540	3340
1/1.25		225	166	2991	432	3740
1/1.85		194	143	2572	292	4748
1/2.4		180	133	2392	225	5740
1/1	1000	424	311	3036	1000	3036
1/1.25		380	280	2726	800	3406
1/1.85		330	242	2360	540	4368
1/2.4		310	228	2224	416	5336

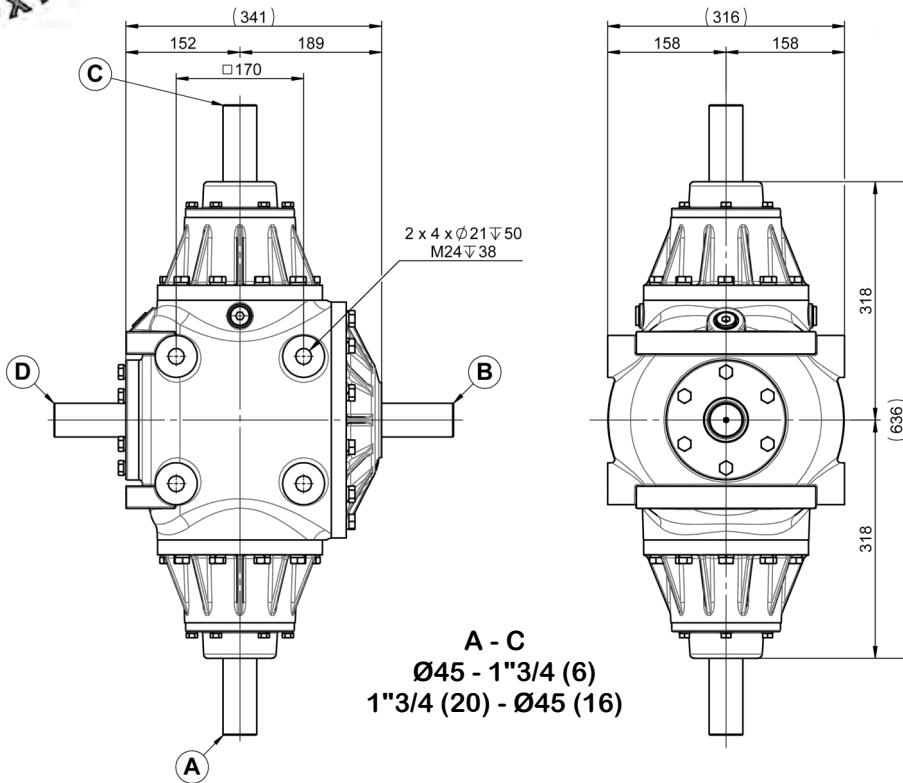
RAPPORT RATIO	T/MN - RPM	B - D			A	
		CV - HP	KW	NM	T/MN - RPM	NM
1.25/1	540	363	267	3854	675	3083
1.85/1		361	266	4780	999	2588
2.41/1		438	322	5820	1296	2424





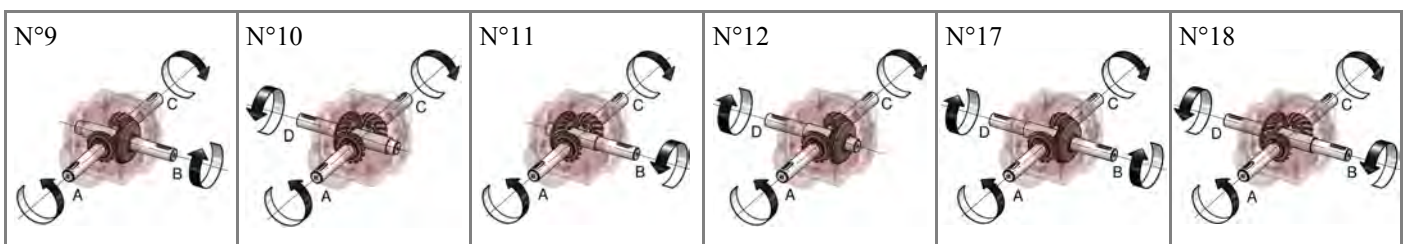
RA320 RENVOI D'ANGLE

RA320 GEARBOX



RAPPORT RATIO	T/MN - RPM	A - C			B - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1	540	252	185	3340	540	3340
1.25/1		225	166	2991	432	3740
1/1.85		194	143	2572	292	4748
1/2.4		180	133	2392	225	5740
1/1	1000	424	311	3036	1000	3036
1.25/1		380	280	2726	800	3406
1/1.85		330	242	2360	540	4368
1/2.4		310	228	2224	416	5336

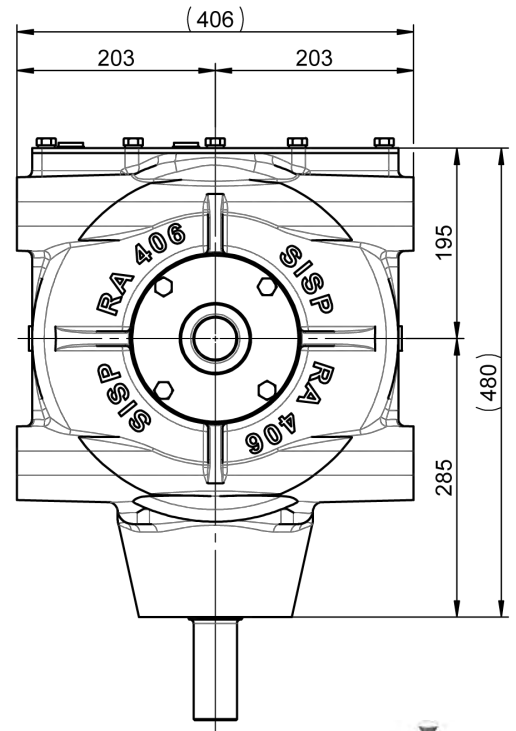
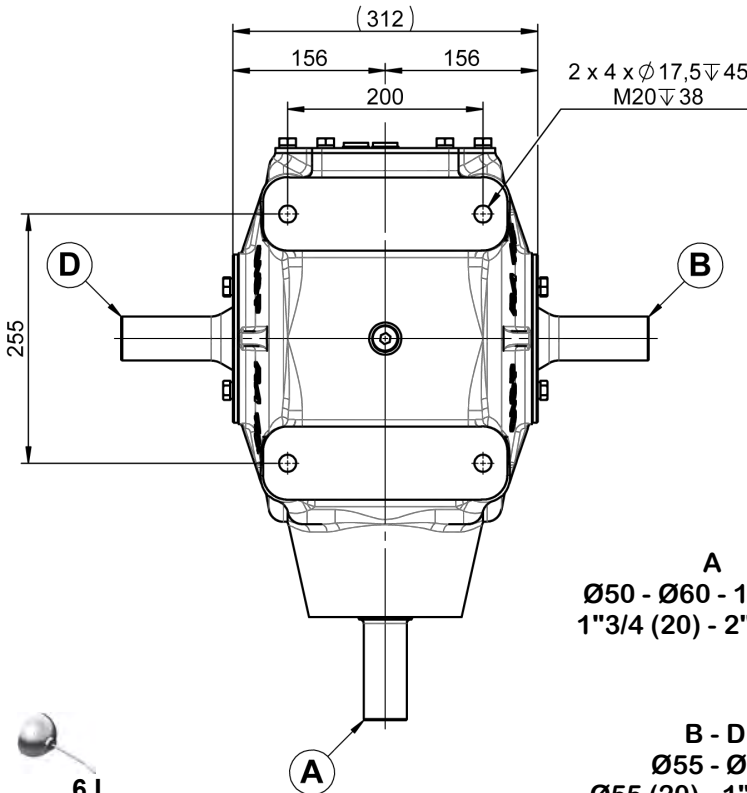
RAPPORT RATIO	T/MN - RPM	B - D			A - C	
		CV - HP	KW	NM	T/MN - RPM	NM
1.25/1	540	363	267	3854	675	3083
1.85/1		361	266	4780	999	2588
2.41/1		438	322	5820	1296	2424





RA406 RENVOI D'ANGLE

RA406 GEARBOX



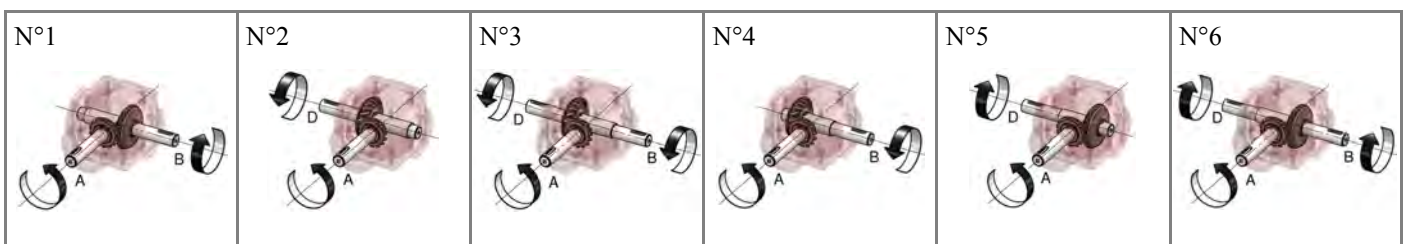
A
 Ø50 - Ø60 - 1"3/4 (6)
 1"3/4 (20) - 2"1/4 (22)

B - D
 Ø55 - Ø70
 Ø55 (20) - 1"3/4 (20)
 2"1/4 (22)

6 L
 TM80W90

150 KG

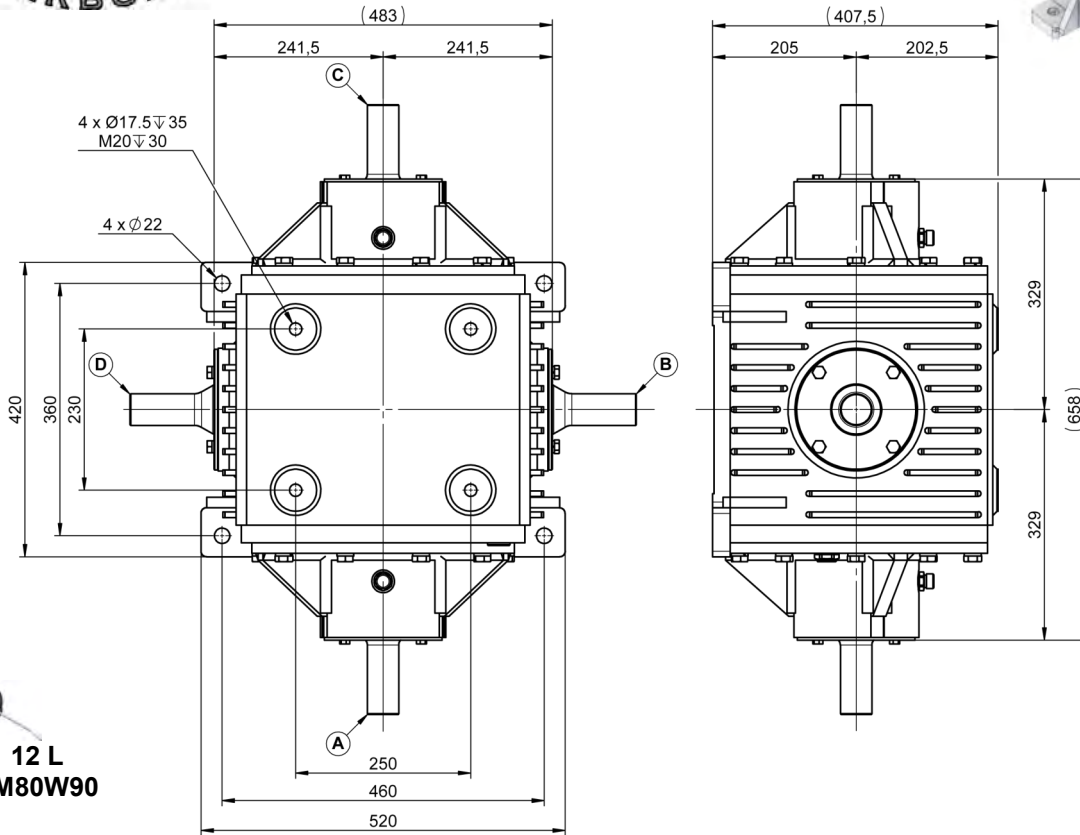
RAPPORT RATIO	T/MN - RPM	A			B - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1.87	540	306	225	4064	286	7631
1/2.38		280	206	3720	227	8846
1/2.85		235	173	3116	189	8884
1/1.87	1000	496	364	3554	529	6674
1/2.38		477	351	3416	420	8130
1/2.85		402	295	2880	350	8208





RA405 RENVOI D'ANGLE

RA405 GEARBOX



A - C
 Ø70 - Ø80
 Ø55 (20) - Ø65 (24)
 2"1/4 (22)
 ou Bride / or Flange

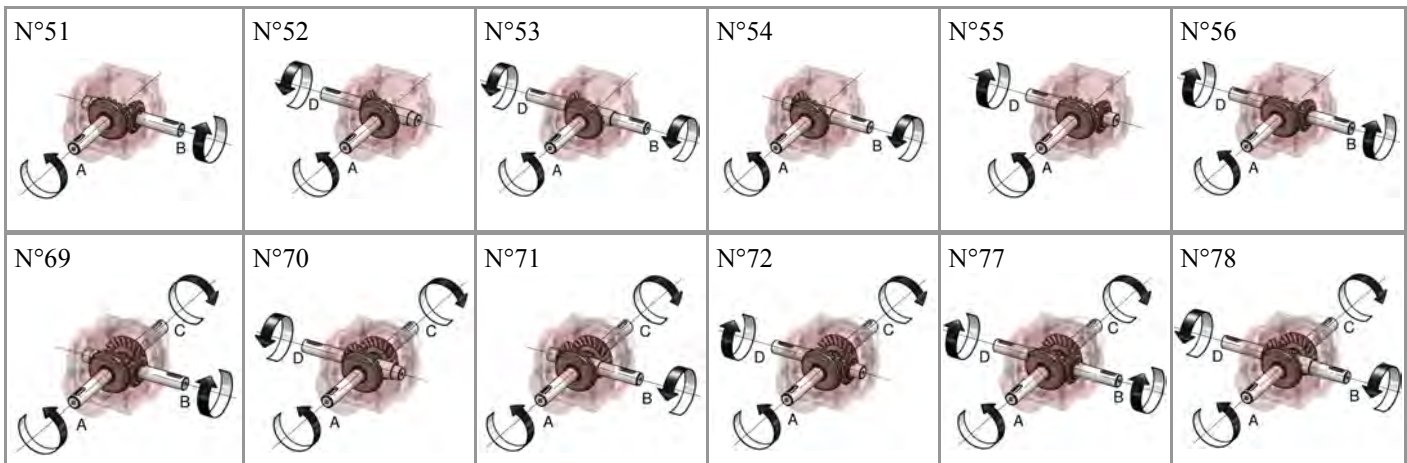
B - D
 Ø70
 Ø55 (20) - Ø65 (24)
 2"1/4 (22)

12 L
 TM80W90

233 KG

RAPPORT RATIO	T/MN - RPM	A - C			B - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1	540	495	363	6566	540	6566
1/1.55		454	333	6016	348	9323
1/1	1000	828	609	5933	1000	5933
1/1.55		763	561	5463	645	8466

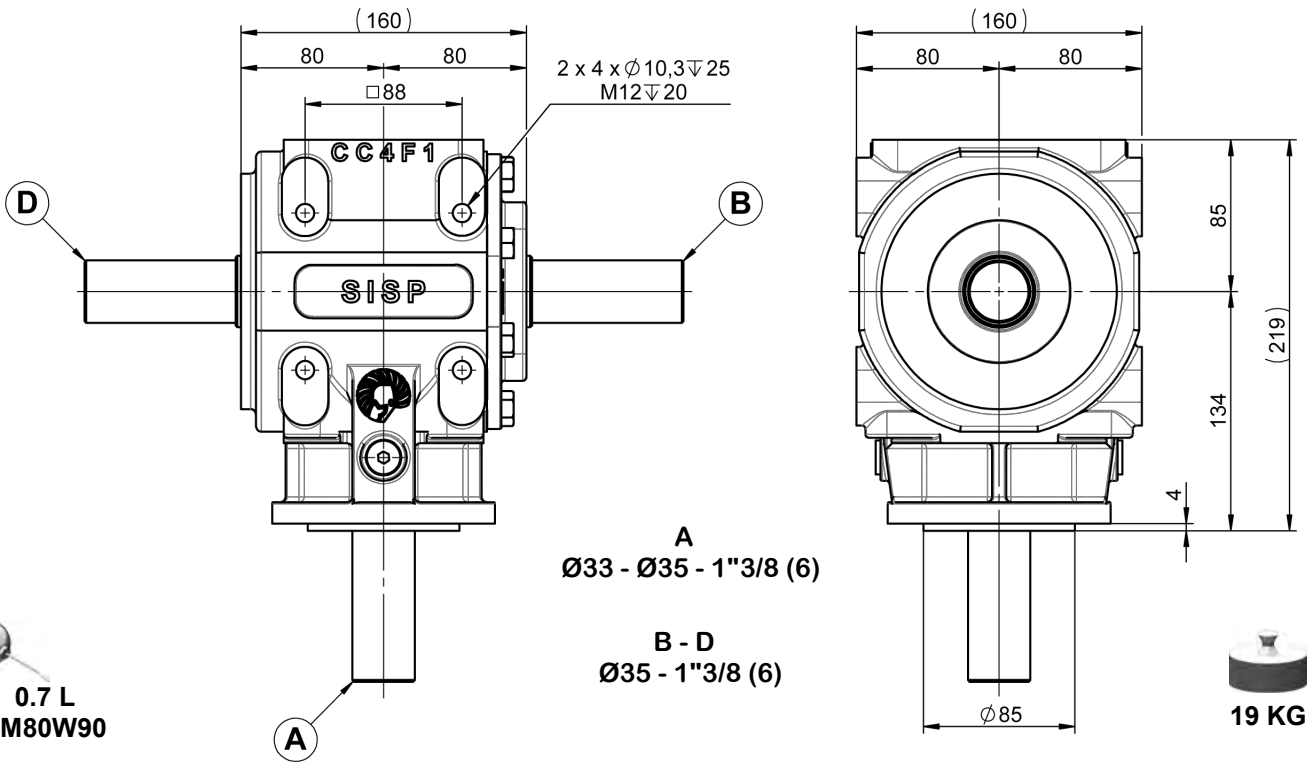
RAPPORT RATIO	T/MN - RPM	B - D			A - C	
		CV - HP	KW	NM	T/MN - RPM	NM
1.55/1	540	457	336	6066	837	3916





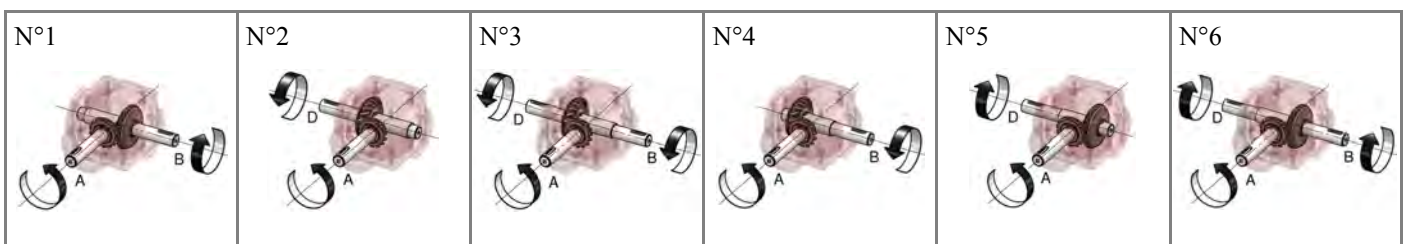
C4 RENVOI D'ANGLE

C4 GEARBOX



RAPPORT RATIO	T/MN - RPM	A			B - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1/3	540	22	16	300	180	900
1/3	1000	40	30	286	333	860

RAPPORT RATIO	T/MN - RPM	B - D			A	
		CV - HP	KW	NM	T/MN - RPM	NM
3/1	540	64	47	852	1620	284



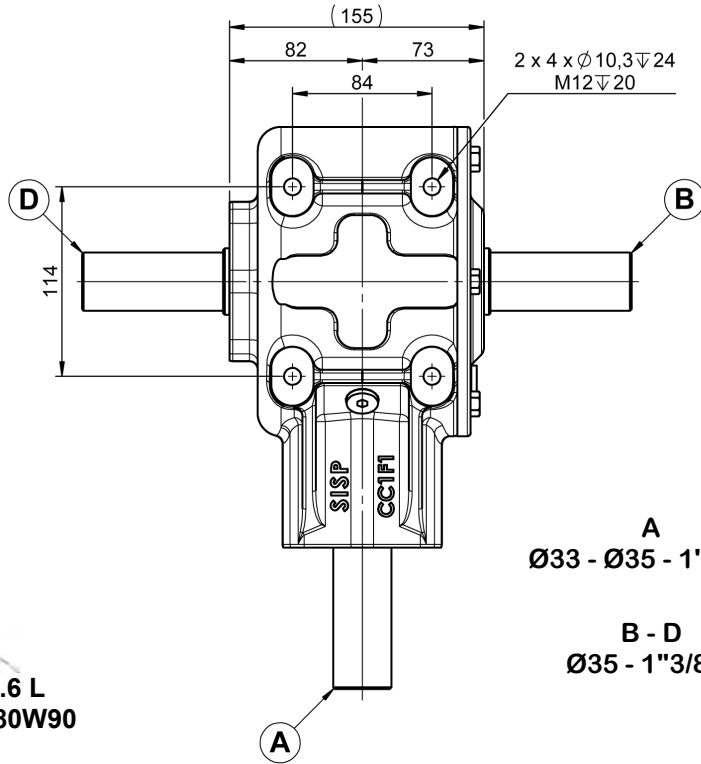


C1 RENVOI D'ANGLE

C1 GEARBOX



Option: Roue libre / Overrunning clutch



A
Ø33 - Ø35 - 1"3/8 (6)

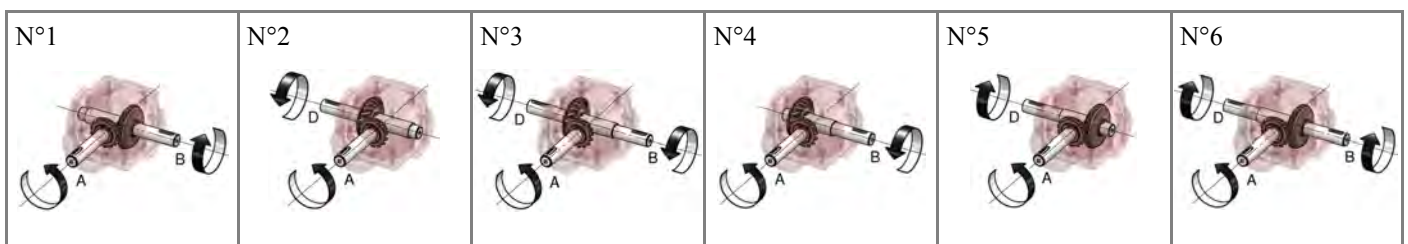
B - D
Ø35 - 1"3/8 (6)

0.6 L
TM80W90

19 KG

RAPPORT RATIO	T/MN - RPM	A			B - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1/3	540	35	26	469	180	1408
1/4		23	17	305	135	1219
1/4.5		20	15	268	120	1208
1/3	1000	62	46	444	333	1328
1/4		40	29	288	250	1160
1/4.5		36	26	256	222	1160

RAPPORT RATIO	T/MN - RPM	B - D			A	
		CV - HP	KW	NM	T/MN - RPM	NM
3/1	540	88	65	1160	1620	388
4/1		80	59	1060	2160	265
4.5/1		75	55	994	2430	221



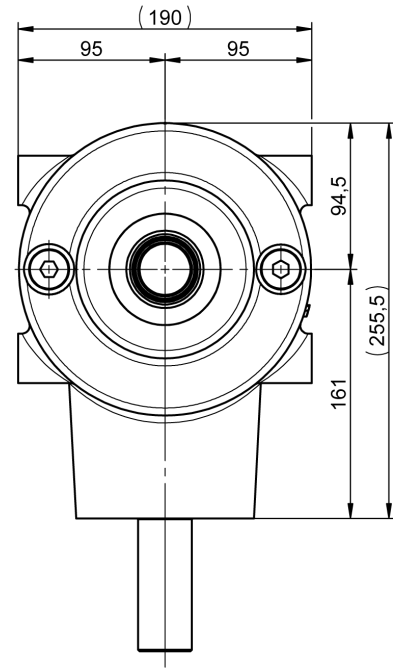
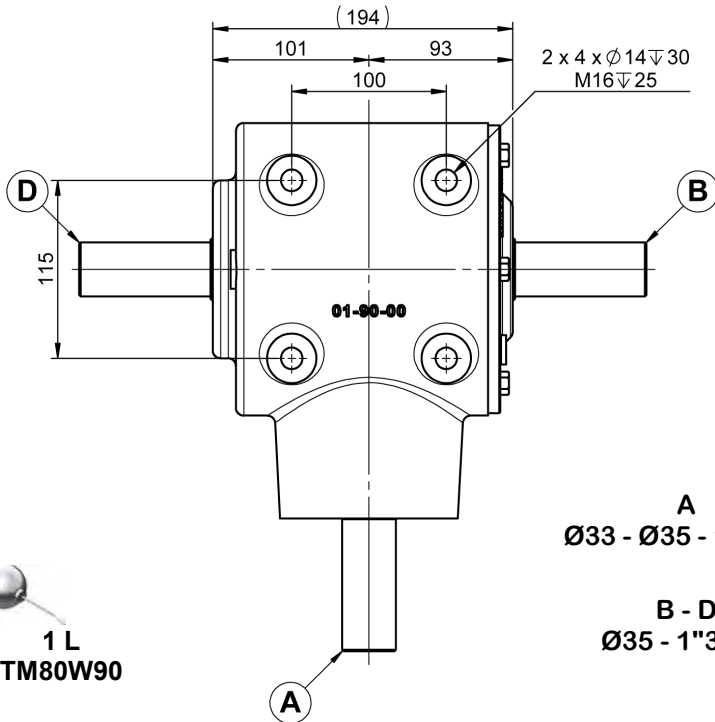


C2 RENVOI D'ANGLE

C2 GEARBOX

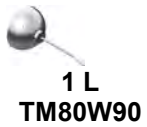


Option: Roue libre / Overrunning clutch



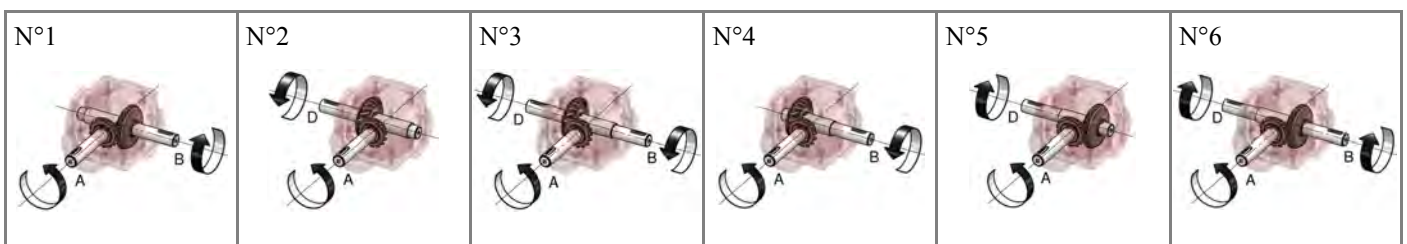
A
Ø33 - Ø35 - 1"3/8 (6)

B - D
Ø35 - 1"3/8 (6)



RAPPORTE RATIO	T/MN - RPM	A			B - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1/2.07	540	39	29	518	260	1072
1/3		35	26	469	180	1408
1/4.5		20	15	268	120	1208
1/2.07	1000	68	50	486	481	1006
1/3		62	46	444	333	1328
1/4.5		36	26	256	222	1160

RAPPORTE RATIO	T/MN - RPM	B - D			A	
		CV - HP	KW	NM	T/MN - RPM	NM
3/1	540	88	65	1164	1620	388
2.07/1		68	50	894	1122	432
4.5/1		75	55	994	2430	221



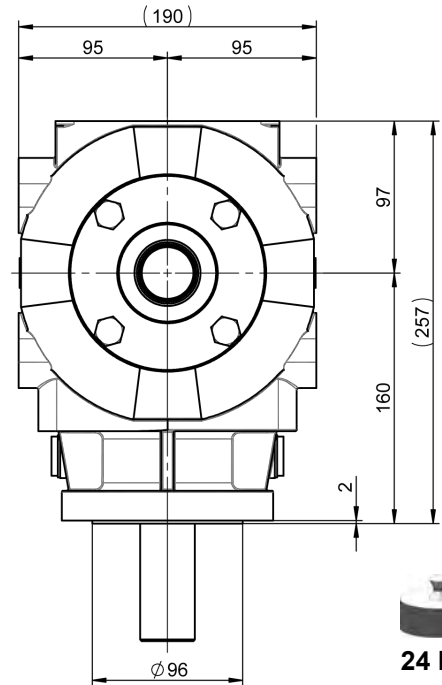
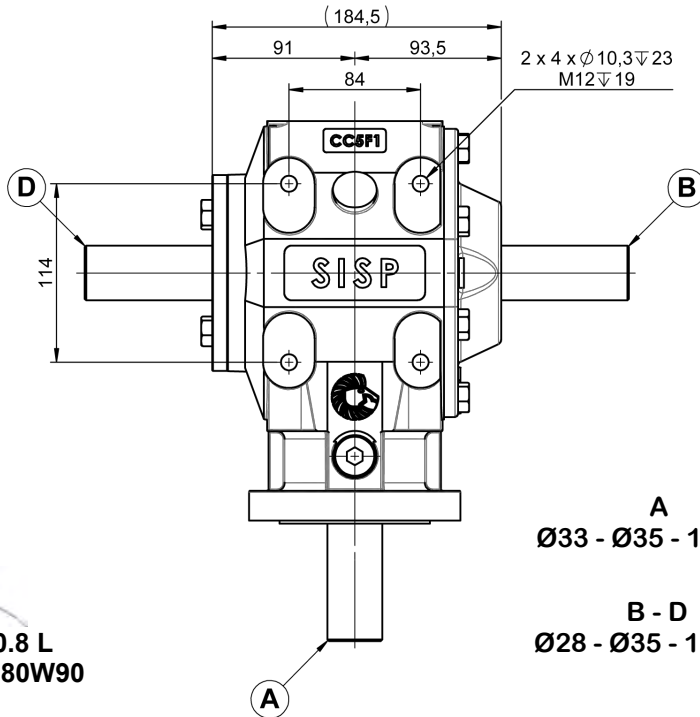


C5 RENVOI D'ANGLE

C5 GEARBOX



Option: Roue libre / Overrunning clutch



A
Ø33 - Ø35 - 1"3/8 (6)

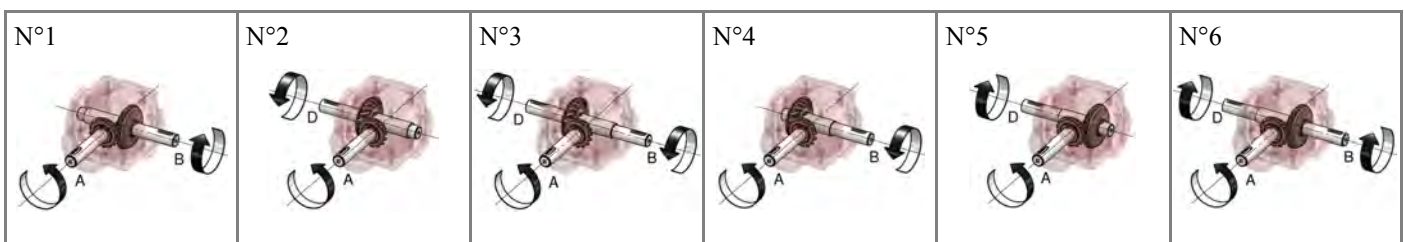
B - D
Ø28 - Ø35 - 1"3/8 (6)

24 KG

0.8 L
TM80W90

RAPPORT RATIO	T/MN - RPM	A			B - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1/3	540	40	29	540	180	1620
1/4		30	22	396	135	1592
1/4.5		20	15	268	120	1208
1/3	1000	71	52	508	333	1524
1/4		54	40	384	250	1540
1/4.5		36	26	256	222	1160

RAPPORT RATIO	T/MN - RPM	B - D			A	
		CV - HP	KW	NM	T/MN - RPM	NM
3/1	540	84	61	1612	1620	368
4/1		80	59	1060	2160	265
4.5/1		75	55	994	2430	221



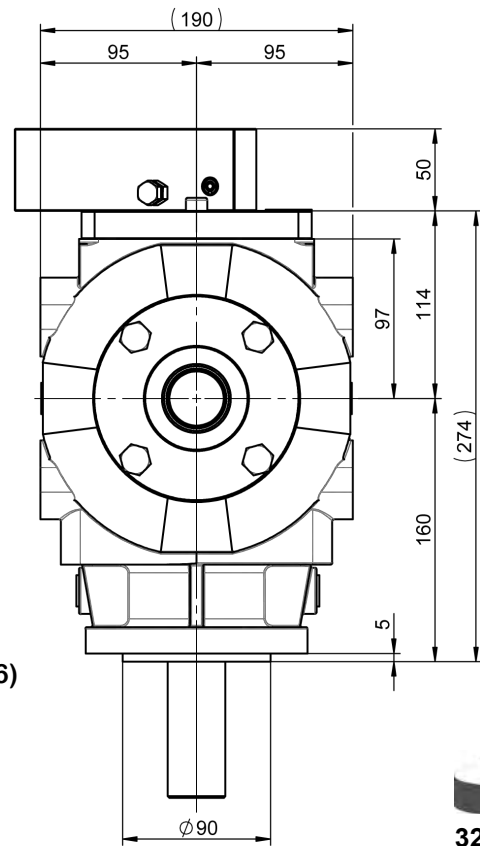
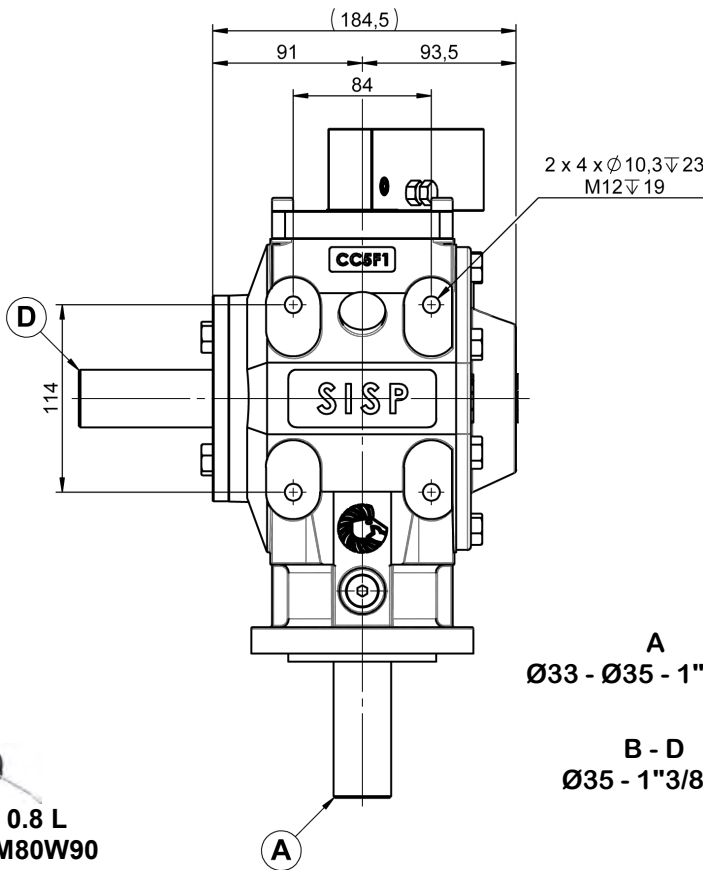


C5 RENVOI D'ANGLE INVERSEUR

C5 INVERTER GEARBOX



Denture conique droite / Straight bevel gear



A
Ø33 - Ø35 - 1"3/8 (6)

B - D
Ø35 - 1"3/8 (6)

0.8 L
TM80W90

32 KG

RAPPOR T RATIO	T/MN - RPM	CV - HP	A			B - D	
			KW	NM	T/MN - RPM	NM	
1/3	540	30	22	346	180	1210	

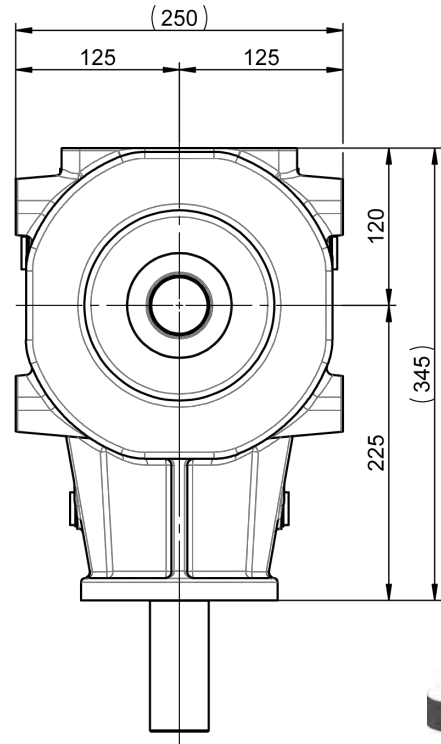
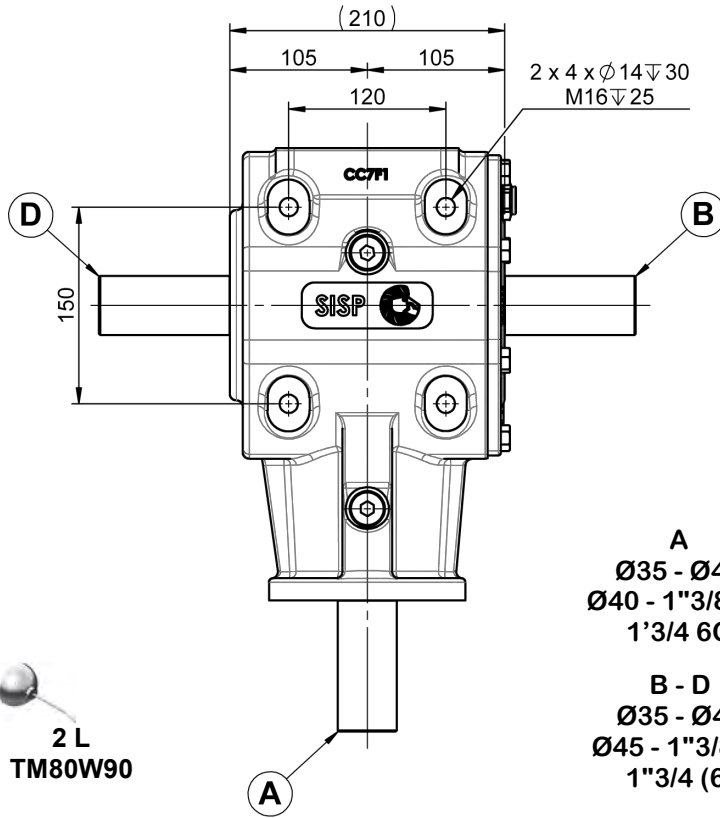
RAPPOR T RATIO	T/MN - RPM	CV - HP	B - D			A	
			KW	NM	T/MN - RPM	NM	
3/1	540	50	37	661	1620	220	





C7 RENVOI D'ANGLE

C7 GEARBOX



A
 Ø35 - Ø45
 Ø40 - 1"3/8 (6)
 1"3/4 6C

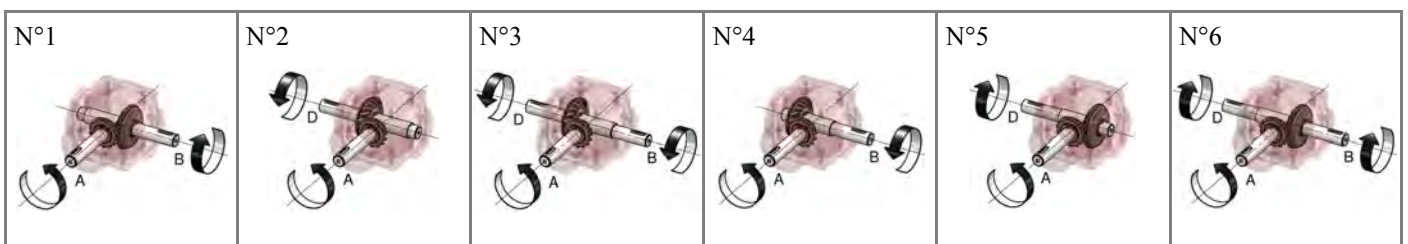
B - D
 Ø35 - Ø40
 Ø45 - 1"3/8 (6)
 1"3/4 (6)

2 L
 TM80W90

48 KG

RAPPOR RATIO	T/MN - RPM	A			B - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1.92	540	77	57	1020	281	1956
1/3		45	33	596	180	1796
1/4		48	36	644	135	2576
1/1.92	1000	132	97	944	520	1820
1/3		78	58	564	333	1692
1/4		85	63	608	250	2432

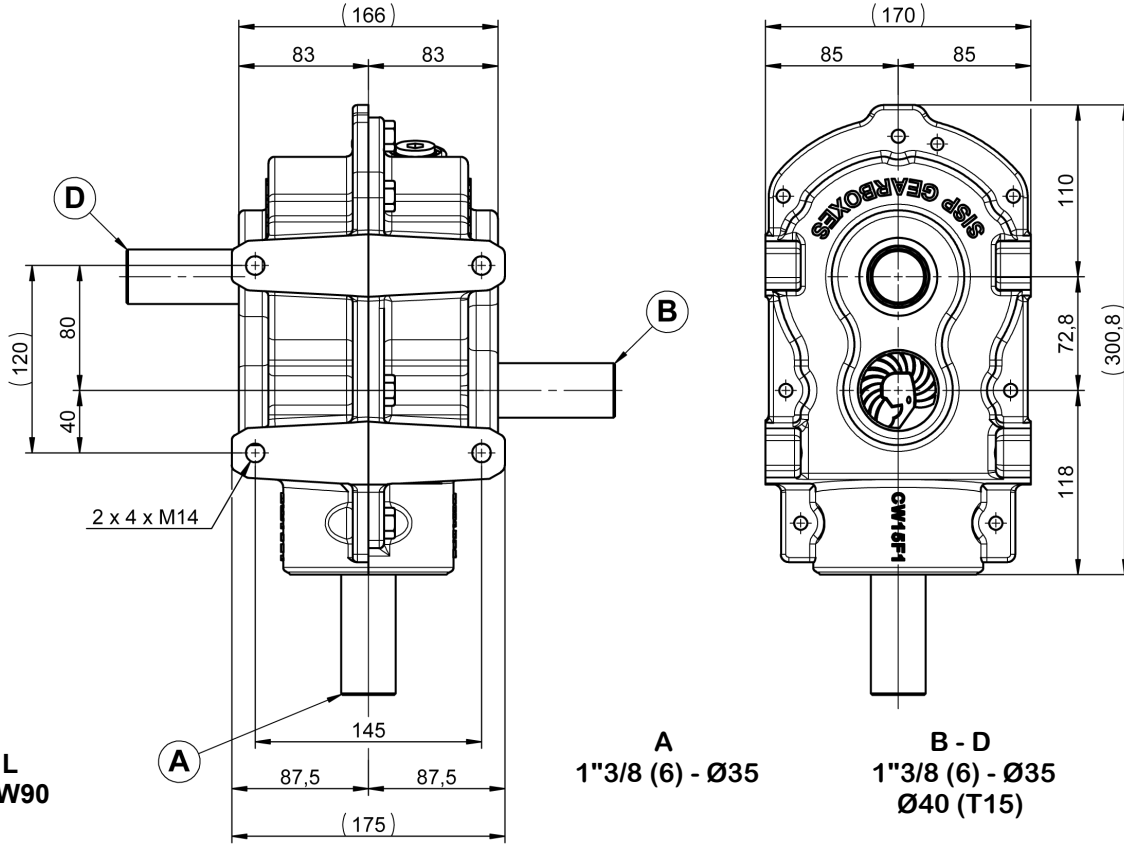
RAPPOR RATIO	T/MN - RPM	B - D			A	
		CV - HP	KW	NM	T/MN - RPM	NM
1.92/1	540	147	108	1956	1036	1020
3/1		133	98	1764	1620	588
4/1		190	140	2520	2160	628





W15 - T15 RENVOI D'ANGLE

W15 - T15 GEARBOX

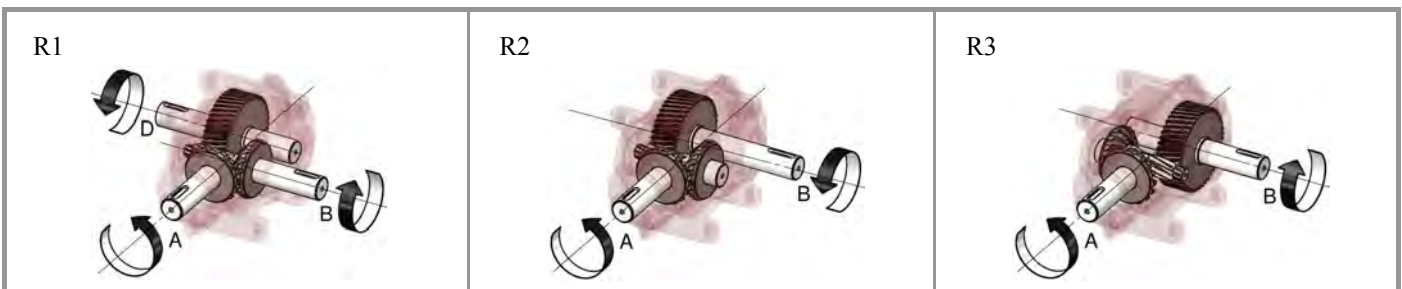


W15 STANDARD / W15 STANDARD

RAPPOR RATIO	A				B		D		TYPE
	T/MN - RPM	CV - HP	KW	NM	T/MN - RPM	NM	T/MN - RPM	NM	
1/1-1/6	540	30	22	340	540	340	90	410	R1

T15 RENFORCE (TARIERE) / T15 REINFORCED (AUGER)

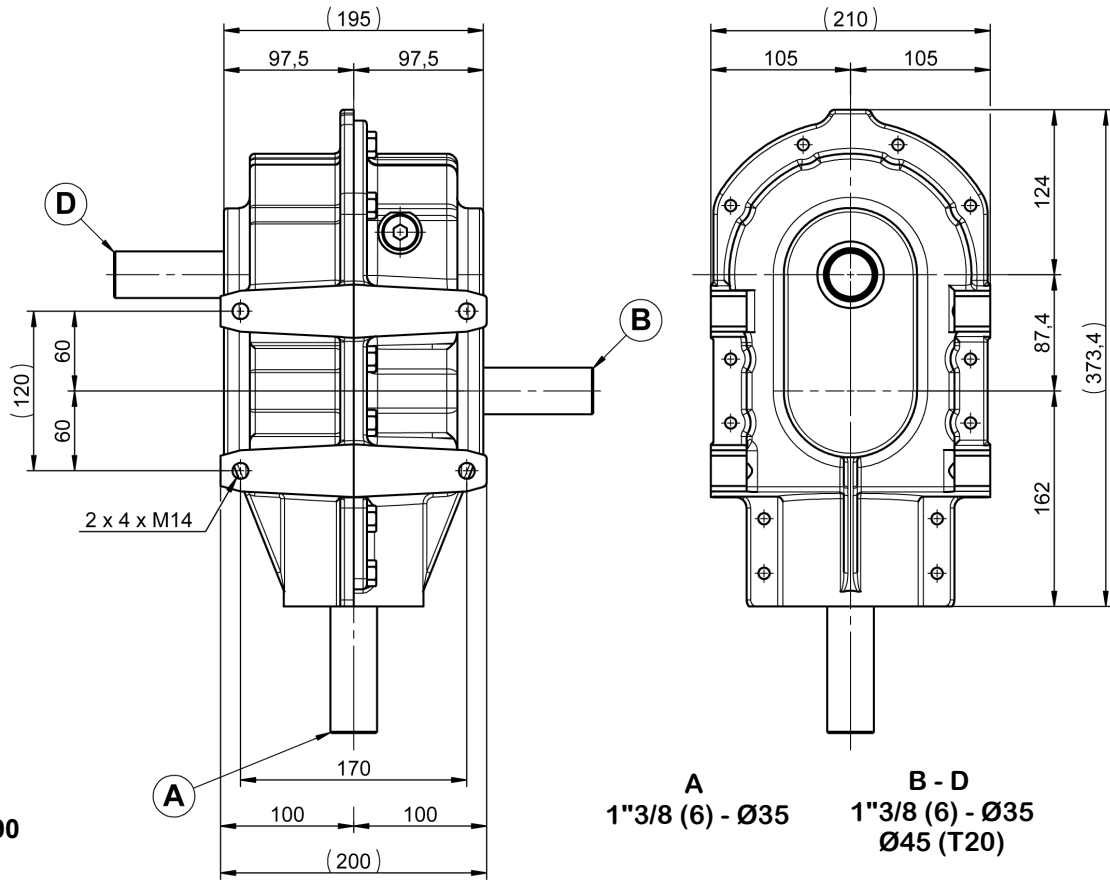
RAPPOR RATIO	A				B		TYPE
	T/MN - RPM	CV - HP	KW	NM	T/MN - RPM	NM	
1/5	540	30	22	340	108	790	R2
1/5		30	22	340	108	790	R3





W20 - T20 RENVOI D'ANGLE

W20 - T20 GEARBOX



2 L
TM80W90

A
1"3/8 (6) - Ø35

B - D
1"3/8 (6) - Ø35
Ø45 (T20)

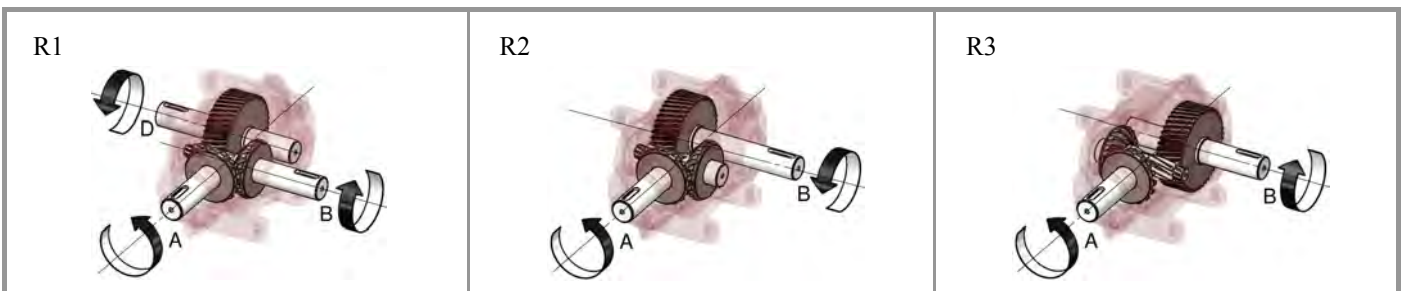
39 - 45 KG

W20 STANDARD / W20 STANDARD

RAPPORT RATIO	A				B		D		TYPE
	T/MN - RPM	CV - HP	KW	NM	T/MN - RPM	NM	T/MN - RPM	NM	
1/1-1/6	540	45	33	530	540	530	90	670	R1

T20 RENFORCE (TARIERE) / T20 REINFORCED (AUGER)

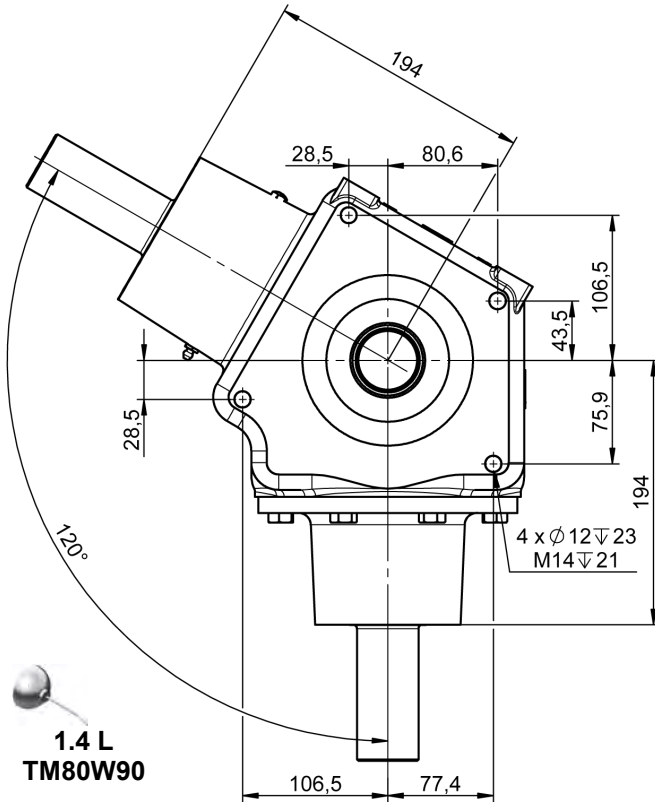
RAPPORT RATIO	T/MN - RPM	A			B		TYPE
		CV - HP	KW	NM	T/MN - RPM	NM	
1/5	540	45	33	530	108	2980	R2
1/5		45	33	530	108	2980	R3



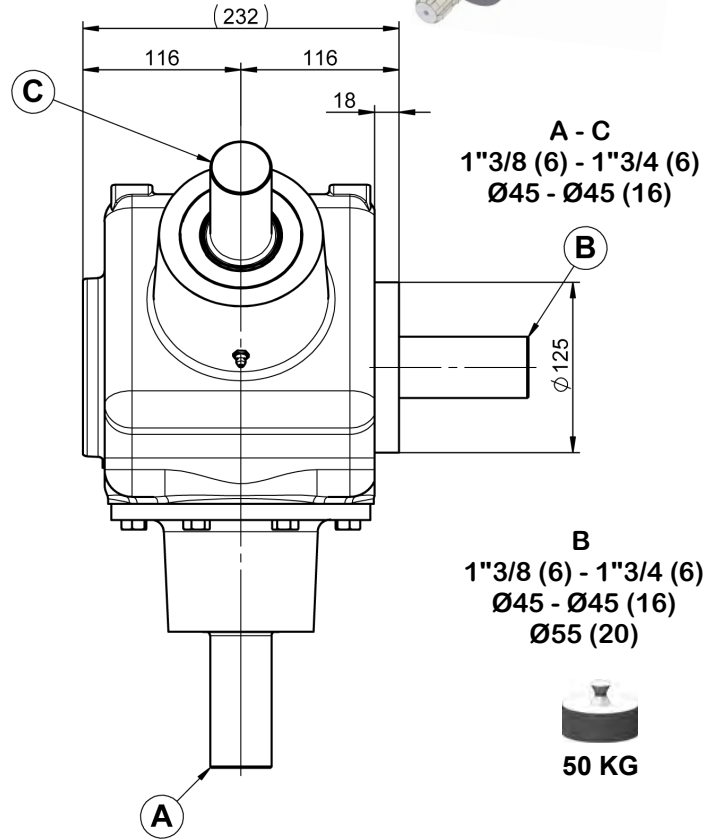


RA201 RENVOI D'ANGLE

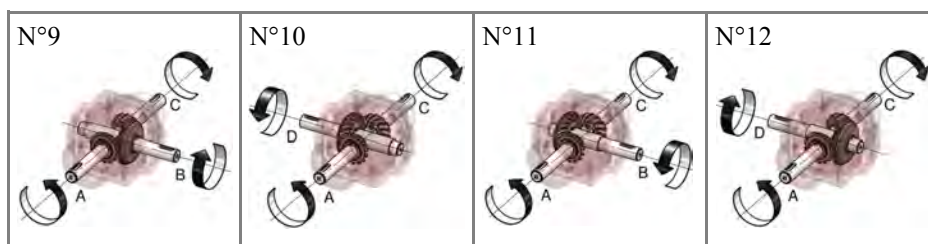
RA201 GEARBOX (120°)



1.4 L
TM80W90



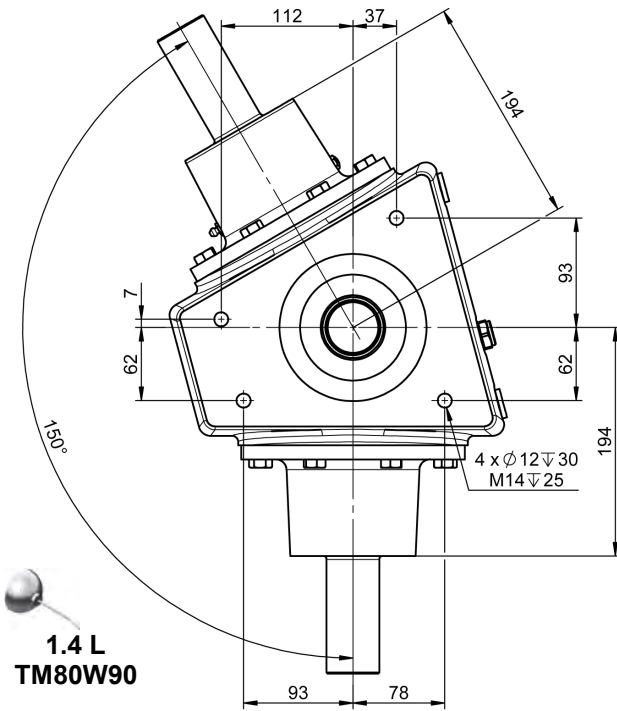
RAPPORT RATIO	T/MN - RPM	A - C			B	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1	540	156	115	2070	540	2070
1/1.35		155	114	2060	400	2780
1/1.54		124	91	1652	350	2528
1/1.83		101	74	1332	295	2444
1/1	1000	266	196	1910	1000	1910
1/1.35		265	195	1900	740	2596
1/1.54		212	156	1528	650	2344
1/1.83		174	128	1244	546	2281



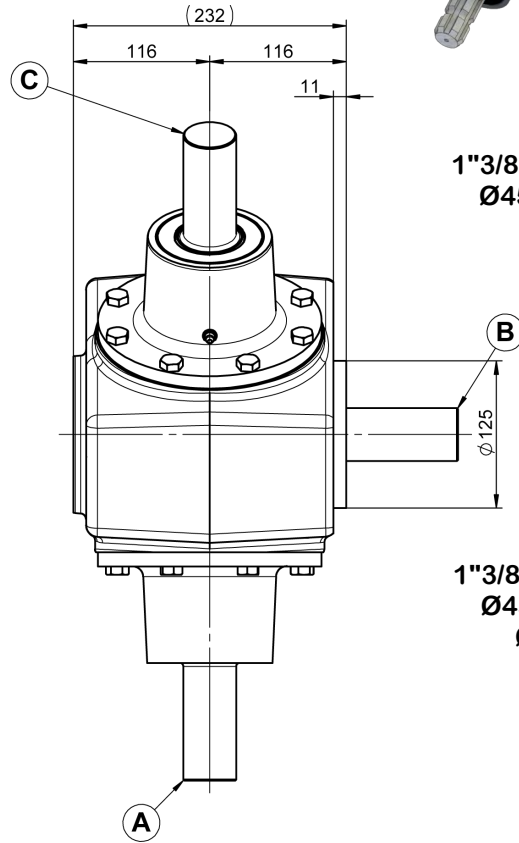


RA201 RENVOI D'ANGLE

RA201 GEARBOX (150°)



1.4 L
TM80W90



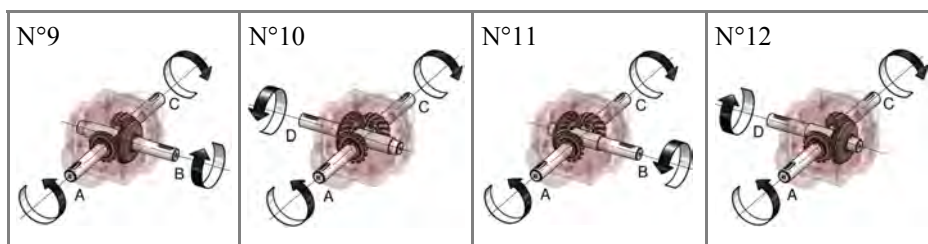
A - C
1"3/8 (6) - 1"3/4 (6)
Ø45 - Ø45 (16)

B
1"3/8 (6) - 1"3/4 (6)
Ø45 - Ø45 (16)
Ø55 (20)



50 KG

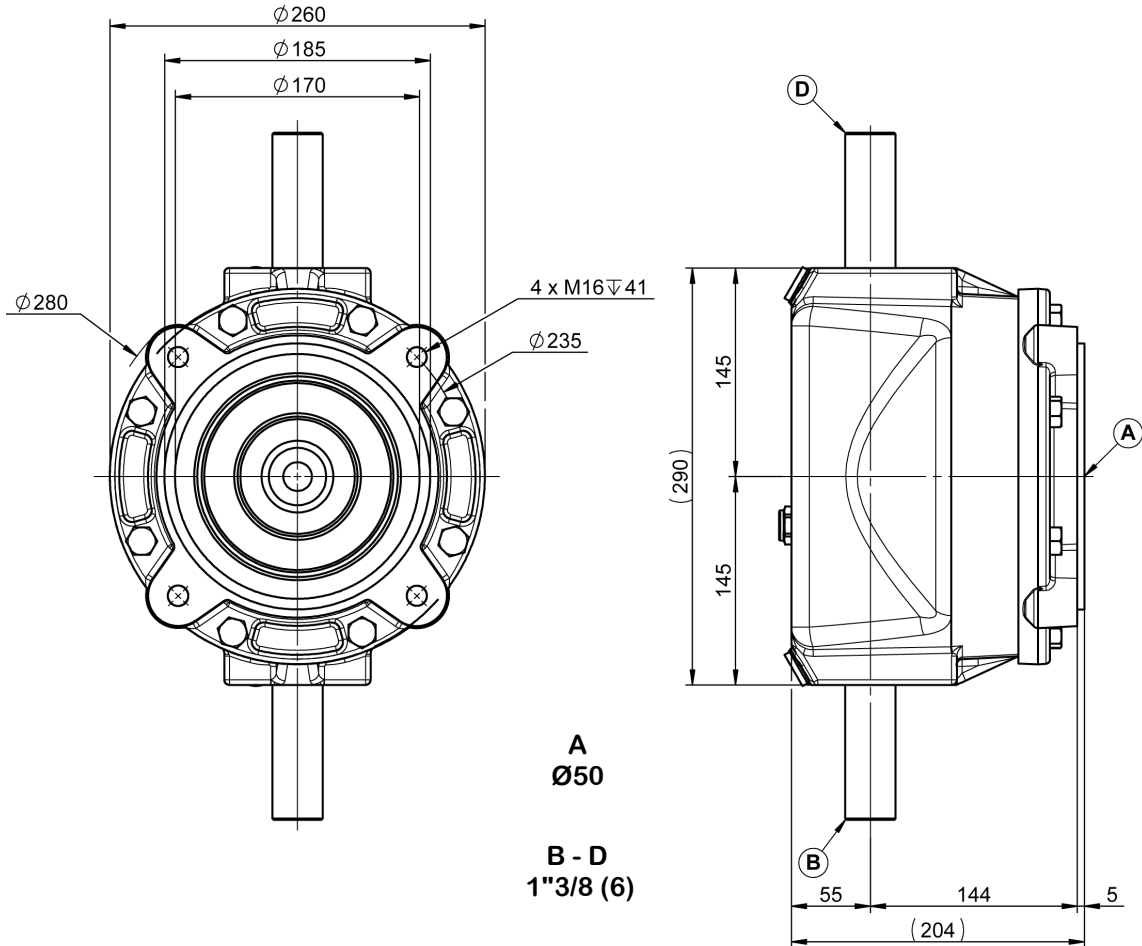
RAPPORT RATIO	T/MN - RPM	A - C			B	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1	540	156	115	2070	540	2070
1/1.35		155	114	2060	400	2780
1/1.54		124	91	1652	350	2528
1/1.83		101	74	1332	295	2444
1/1	1000	266	196	1910	1000	1910
1/1.35		265	195	1900	740	2596
1/1.54		212	156	1528	650	2344
1/1.83		174	128	1244	546	2281





RA290 RENVOI D'ANGLE

RA290 GEARBOX



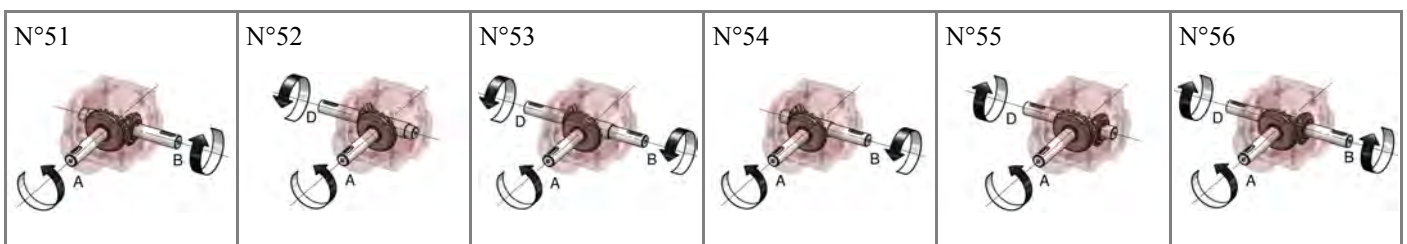
A
 $\varnothing 50$

B - D
 $1\frac{3}{8}$ (6)

1,1 L
TM80W90

42 KG

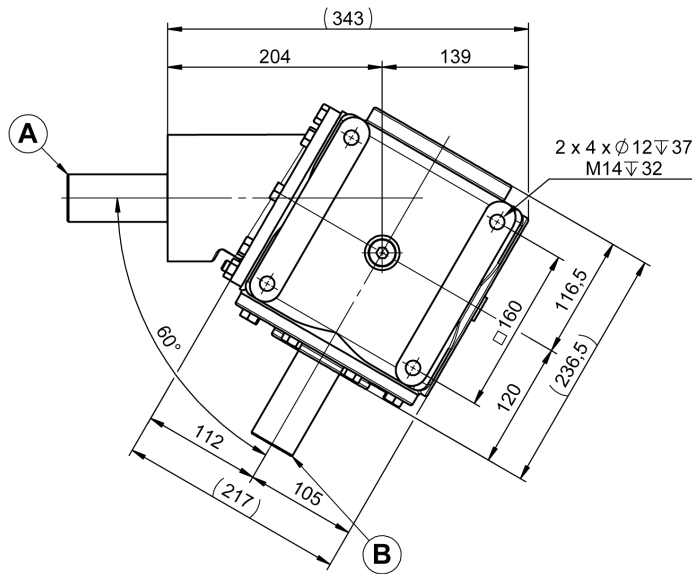
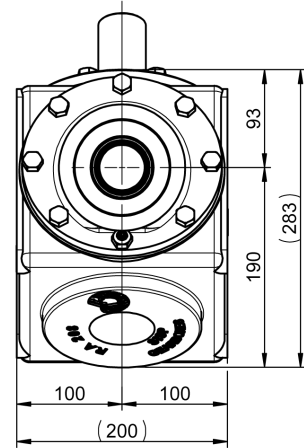
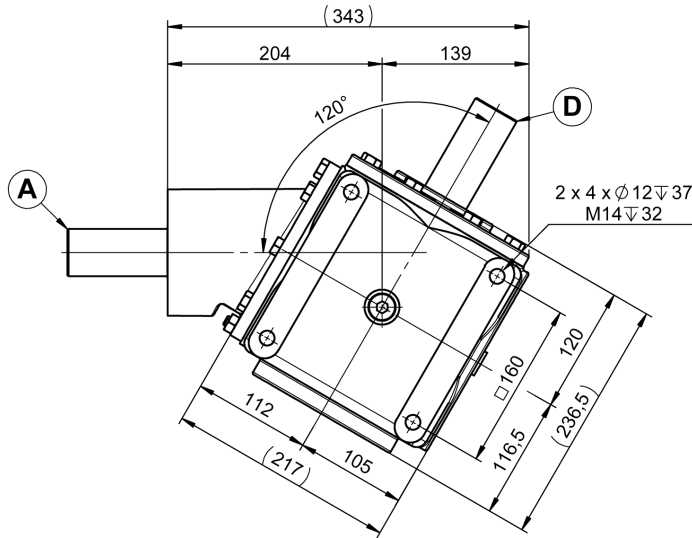
RAPPORT RATIO	B - D				A	
	T/MN - RPM	CV - HP	KW	NM	T/MN - RPM	NM
1/2.5	540	83	61	1100	216	2748
	650	98	72	1080	260	2700
	1000	143	105	1024	400	2568





RA202 RENVOI D'ANGLE

RA202 GEARBOX (60° - 120°)

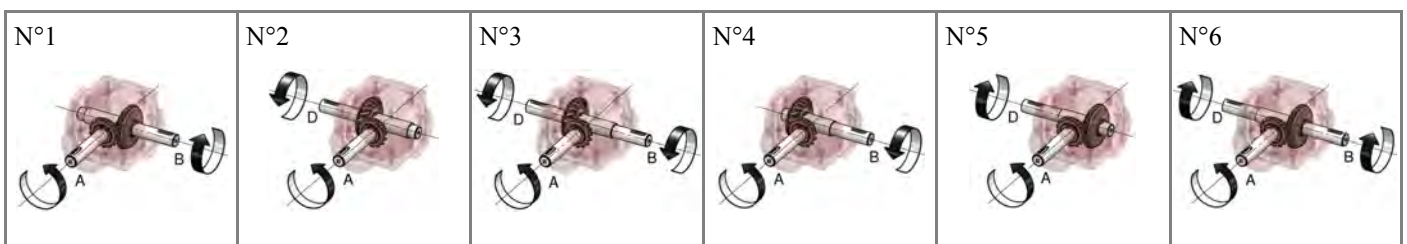


A - B - D
 1"3/8 (6) - 1"3/4 (6)
 Ø45 - Ø45 (16)

1,9 L
 TM80W90

47 KG

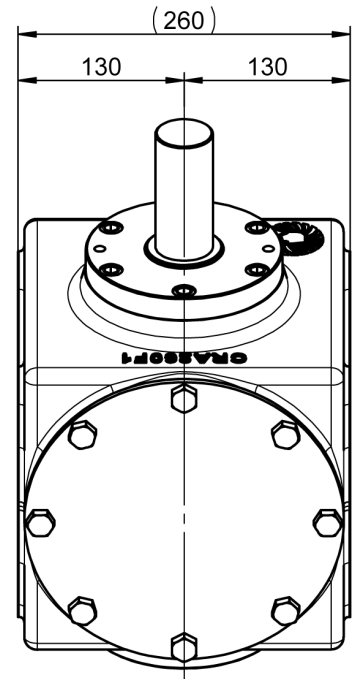
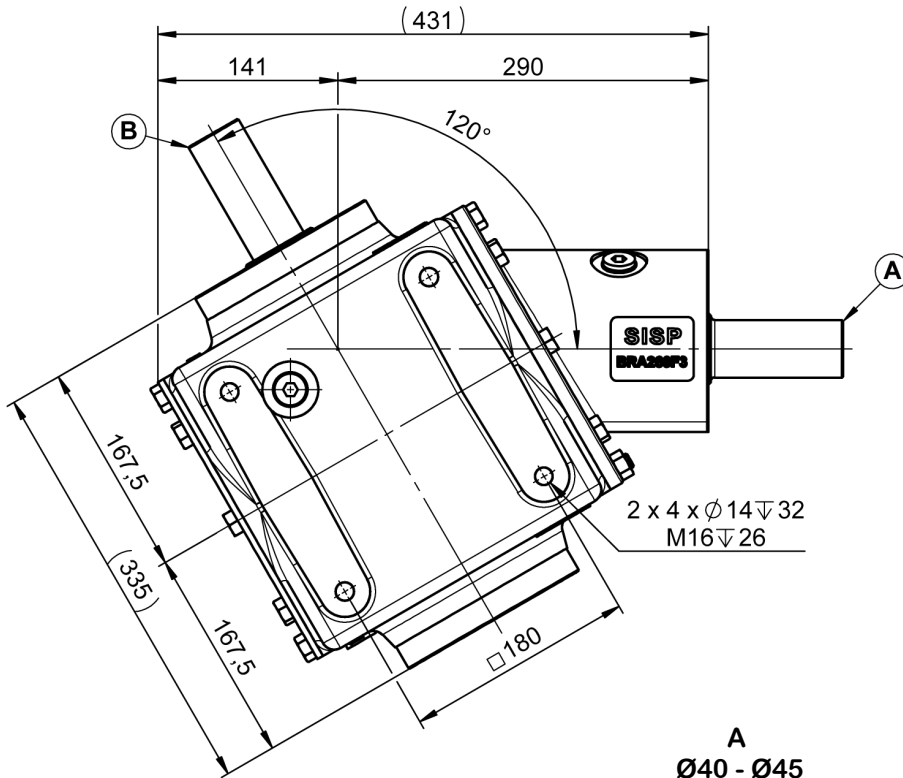
RAPPORT RATIO	T/MN - RPM	A			B - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1.83	540	101	74	1332	295	2444
1/1.83	1000	174	128	1244	546	2281





RA260 RENVOI D'ANGLE

RA260 GEARBOX (120°)

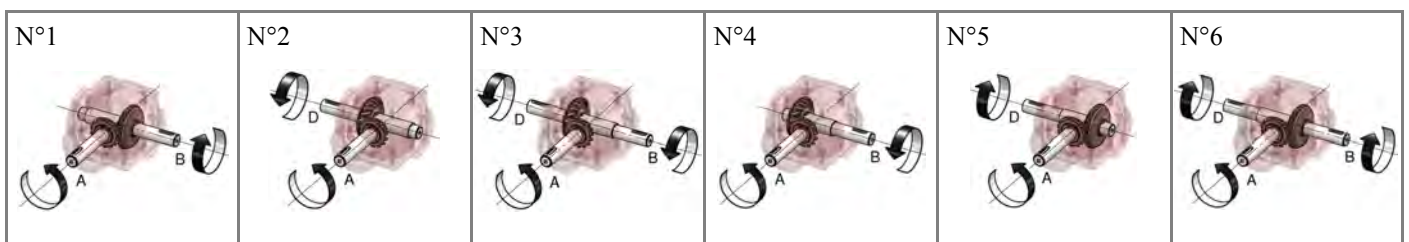


A
 Ø40 - Ø45
 1"3/8 (6) - 1"3/4 (6)
 1"3/4 (20) - Ø45 (16)

B
 Ø40 - Ø45
 1"3/8 (6) - 1"3/4 (6)
 1"3/4 (20) - Ø45 (16)
 Ø55 (20)



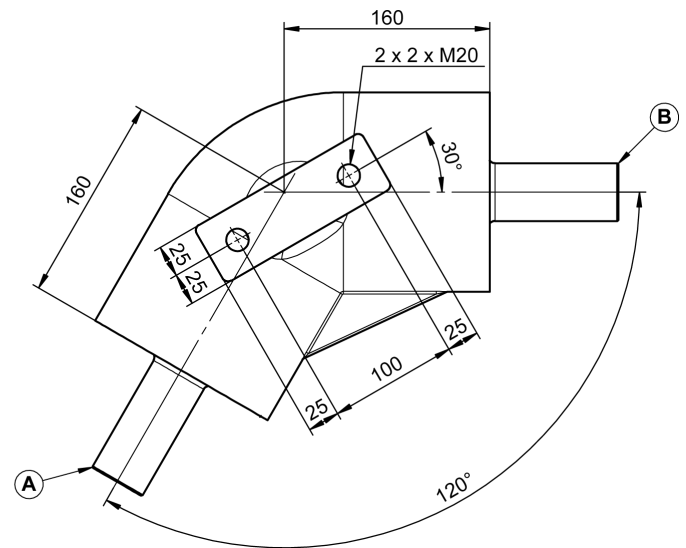
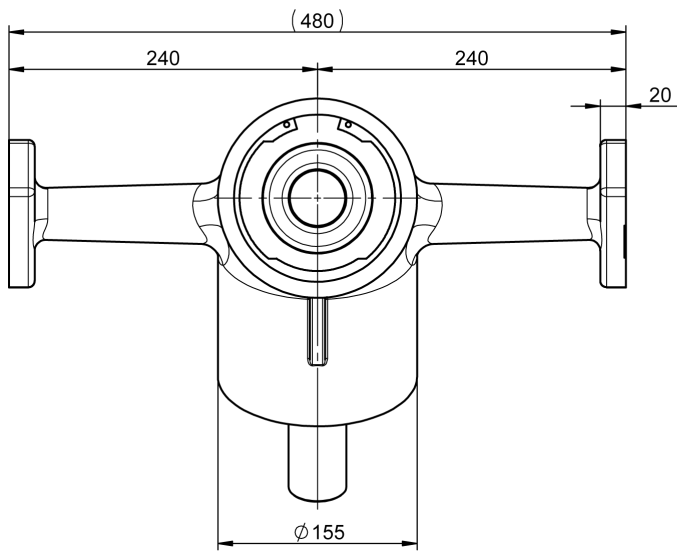
RAPPORT RATIO	A				B	
	T/MN - RPM	CV - HP	KW	NM	T/MN - RPM	NM
1/1.85	540	207	152	2748	292	5072
	1000	354	261	2540	540	4684





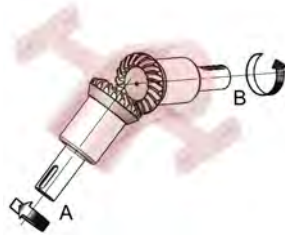
RAV120 RENVOI D'ANGLE

RAV120 GEARBOX



A - B
 1"3/4 (6)
 1"3/4 (20)

N°1



 **GRAISSE**
 GREASE

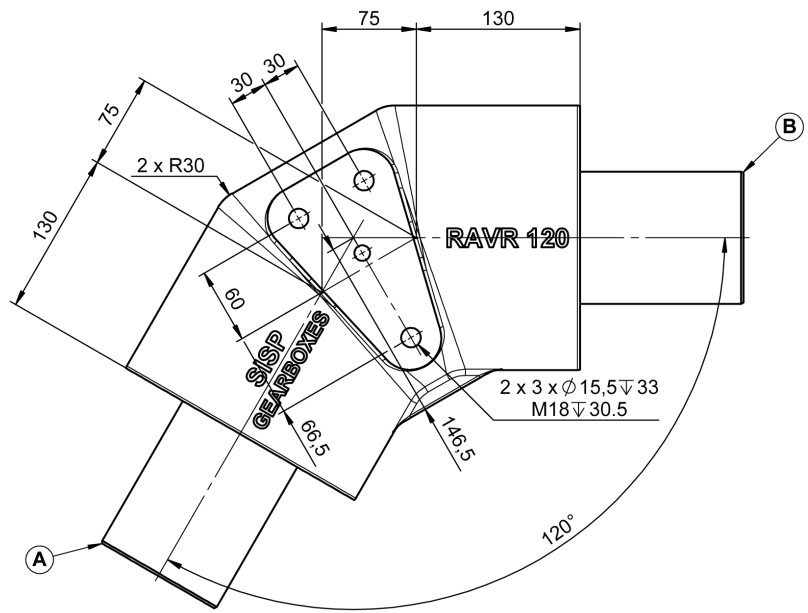
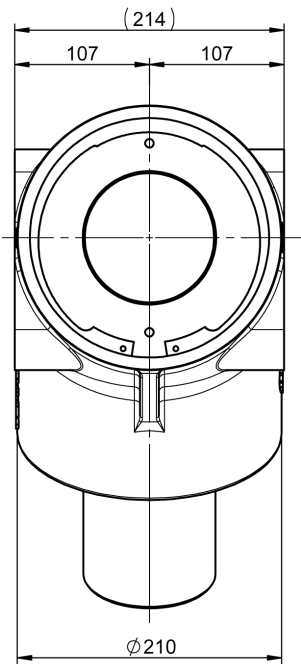
 **38 KG**

RAPPORT RATIO	A				B	
	T/MN - RPM	CV - HP	KW	NM	T/MN - RPM	NM
1/1	540	100	74	1328	540	1328
	1000	172	126	1228	1000	1228



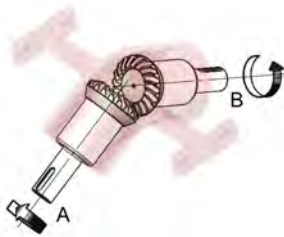
RAVR120 RENVOI D'ANGLE

RAVR120 GEARBOX



A - B
Ø105

N°1



 **GRAISSE**
GREASE

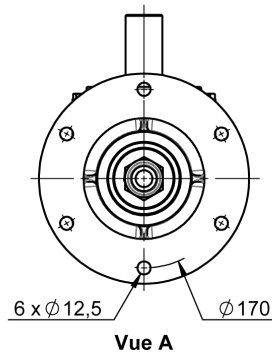
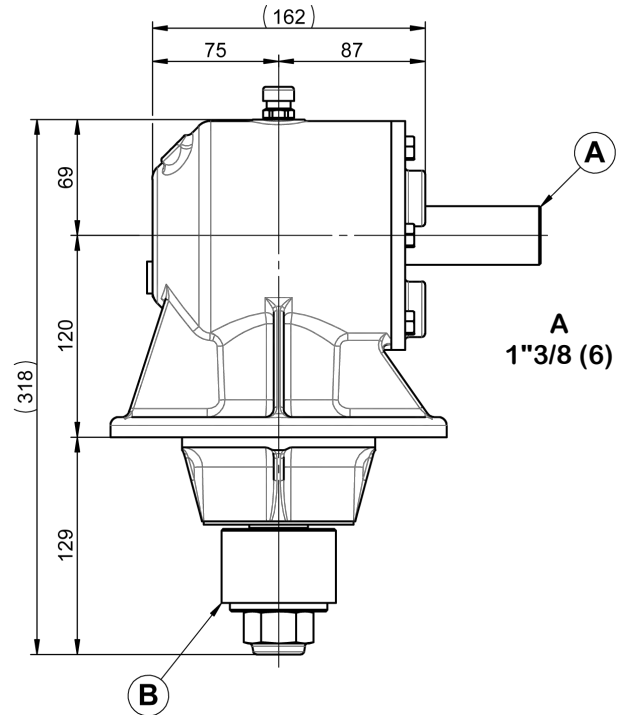
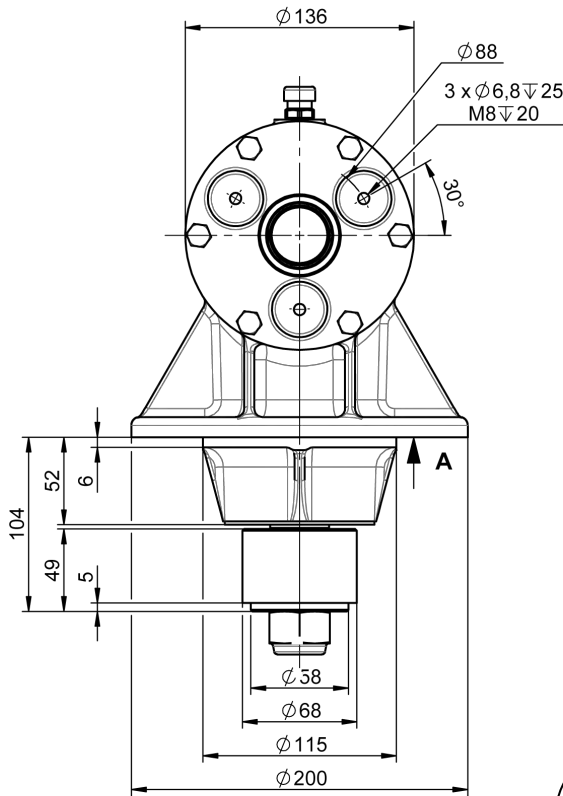
 **83 KG**

RAPPORT RATIO	B				A	
	T/MN - RPM	CV - HP	KW	NM	T/MN - RPM	NM
1/1	540	175	129	2331	540	2331
	1000	296	218	2123	1000	2123



GIRO130 GYROBROYEUR

GIRO130 ROTARY MOWER GEARBOX



LIVRE AVEC MANCHON CONIQUE Ø35
DELIVERED WITH CONICAL COUPLING Ø35

N°G1



0,5 L
TM80W90

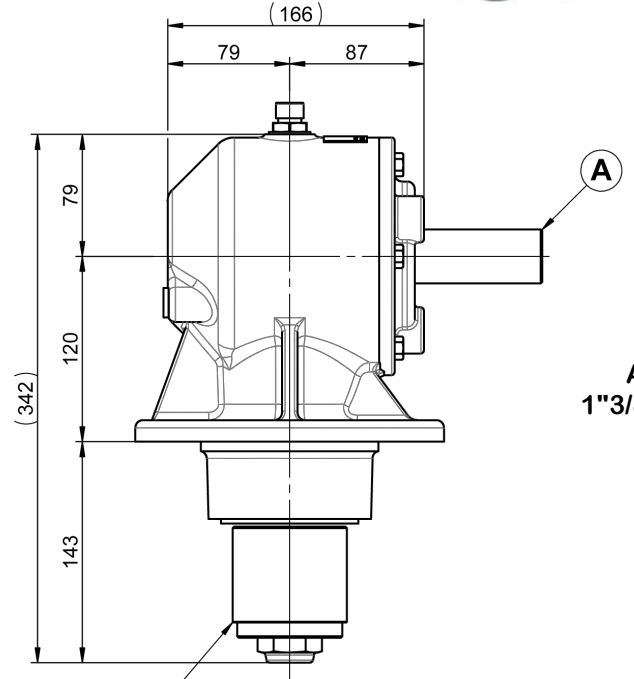
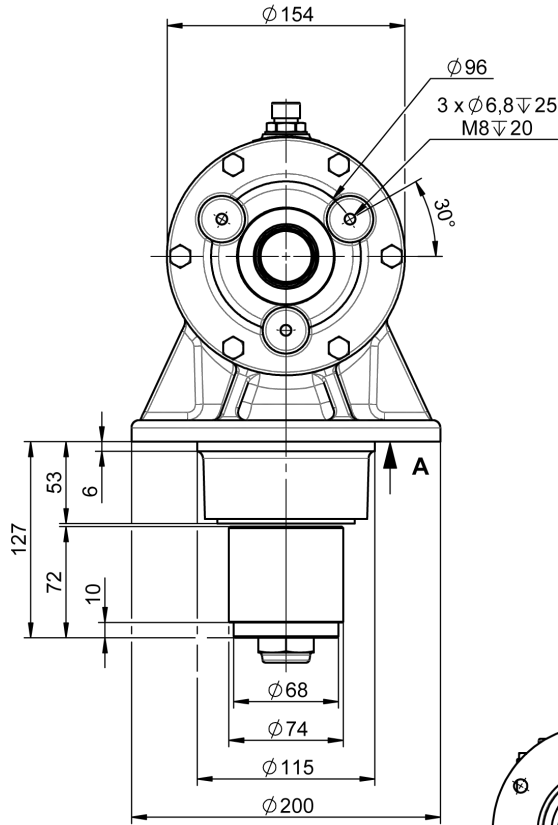
16 KG

RAPPORT RATIO	A				B	
	T/MN - RPM	CV - HP	KW	NM	T/MN - RPM	NM
2.4/1	540	25	18	331	1296	138

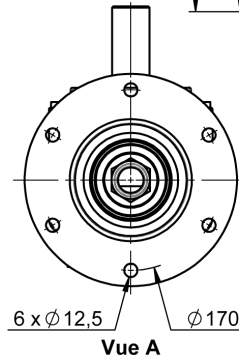


GIRO240 GYROBROYEUR

GIRO240 ROTARY MOWER GEARBOX



A
1"3/8 (6)



LIVRE AVEC MANCHON CONIQUE Ø35
DELIVERED WITH CONICAL COUPLING Ø35

N°G1



0,7 L
TM80W90

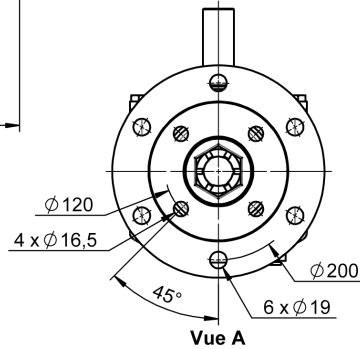
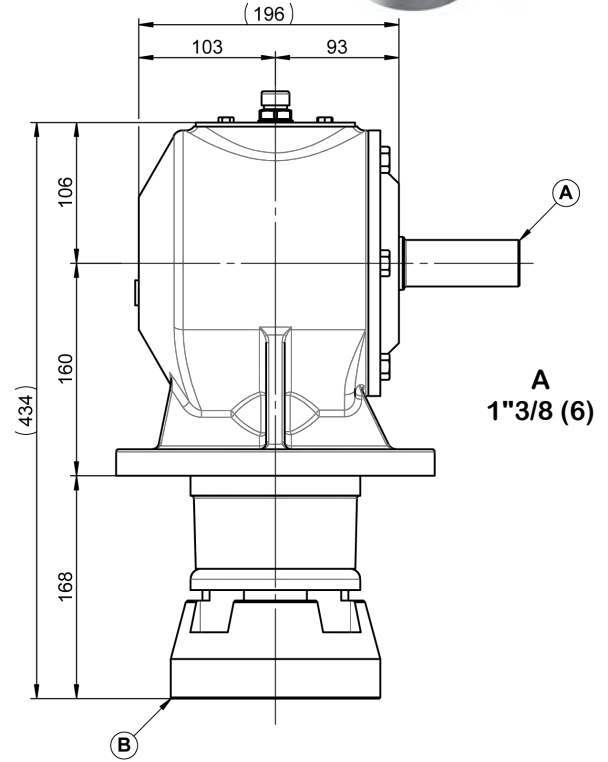
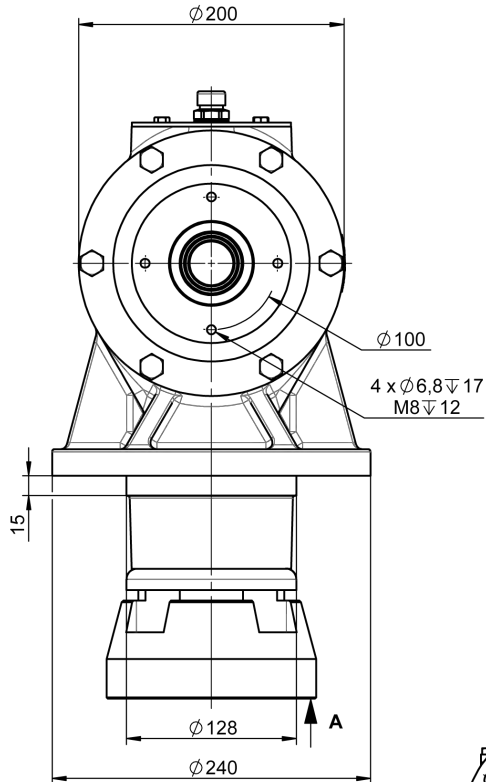
21 KG

RAPPORT RATIO	A				B	
	T/MN - RPM	CV - HP	KW	NM	T/MN - RPM	NM
1.46/1	1000	66	49	482	1460	330
2.09/1	540	40	30	530	1129	253
3/1		61	45	810	1620	270



GIRO350 GYROBROYEUR

GIRO350 ROTARY MOWER GEARBOX



LIVRE AVEC MANCHON CONIQUE Ø35
DELIVERED WITH CONICAL COUPLING Ø35

N°G1



1,5 L
TM80W90

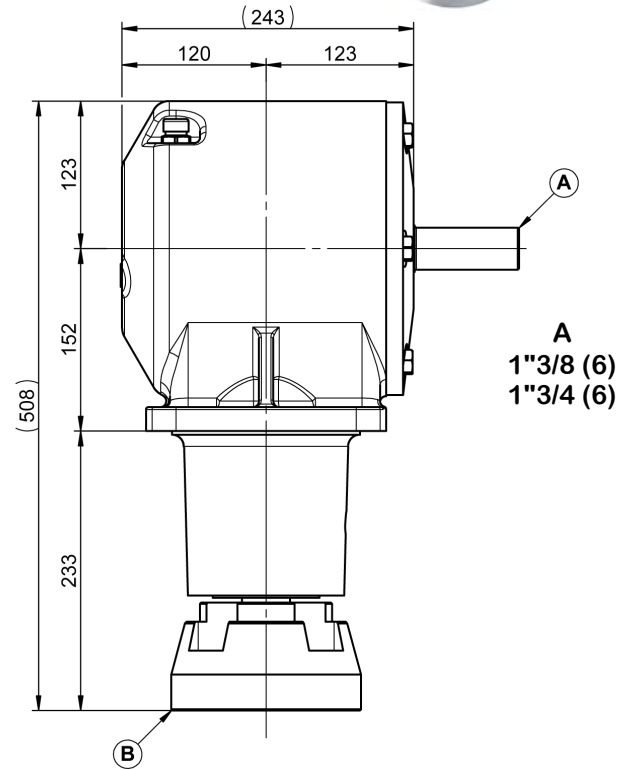
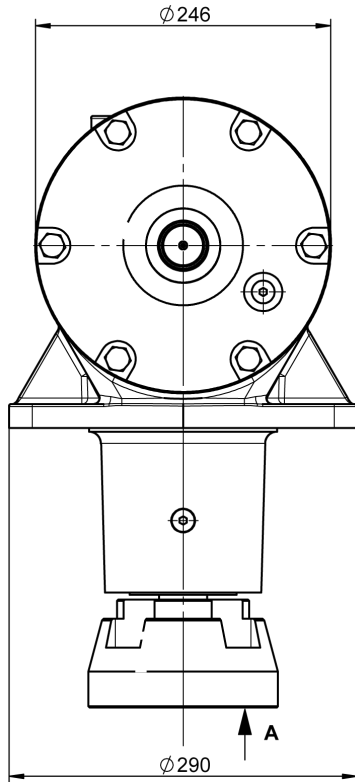
47 KG

RAPPORT RATIO	T/MN - RPM	A			B	
		CV - HP	KW	NM	T/MN - RPM	NM
1.54/1	540	151	112	2000	832	1300
2/1		164	120	2160	1080	1087

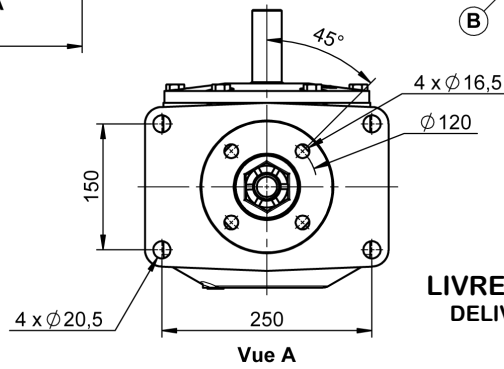


GIRO710 GYROBROYEUR

GIRO710 ROTARY MOWER GEARBOX



A
1"3/8 (6)
1"3/4 (6)



LIVRE AVEC MANCHON CONIQUE Ø35
DELIVERED WITH CONICAL COUPLING Ø35

N°G1



3.2 L
TM80W90

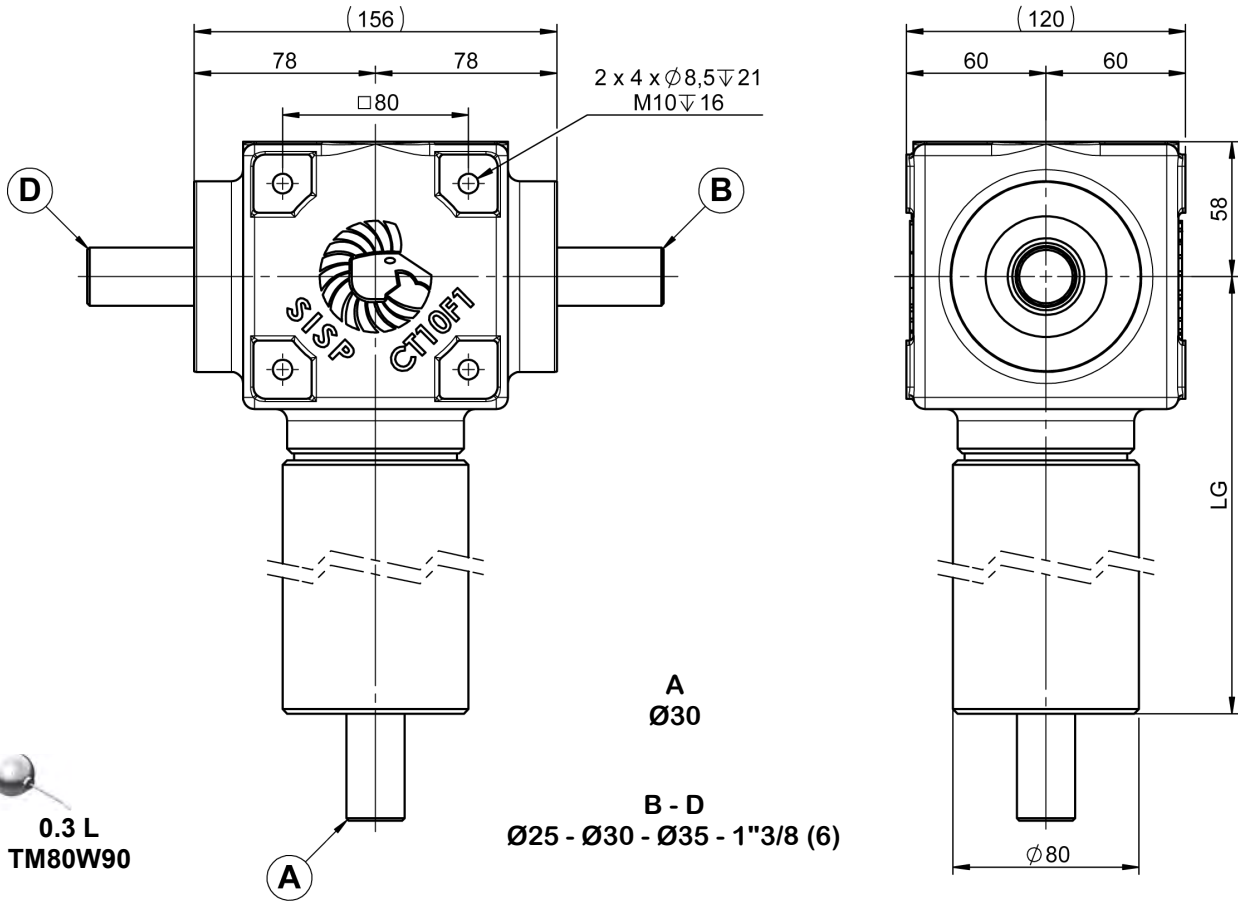
65 KG

RAPPORT RATIO	T/MN - RPM	A			B	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1	1000	160	118	1145	1000	1145
1.53/1	540	148	109	1964	826	1284
1.75/1		130	96	1723	945	984



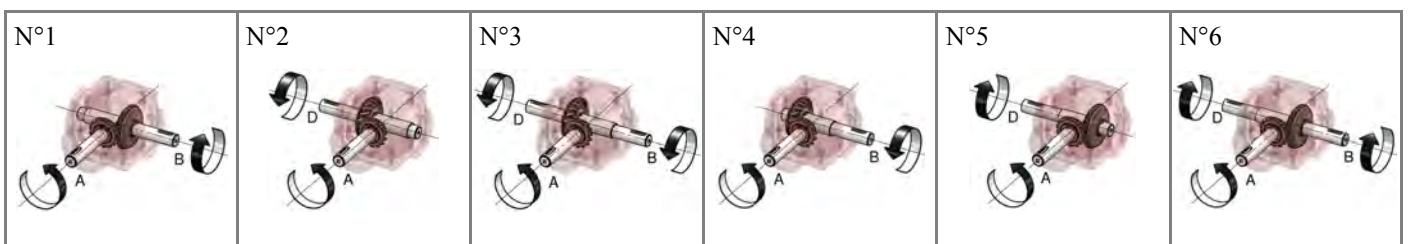
T10 TROMPETTE

T10 EXTENSION ARM



LG* MM	RAPPORT RATIO	T/MN - RPM	B - D			A	
			CV - HP	KW	NM	T/MN - RPM	NM
300	1/1	540	22	16	300	540	300
	1.5/1		32	23	420	810	280
	1.9/1		31	23	416	1026	220
400	2.75/1		35	26	460	1485	169
500	1/1	1000	38	28	272	1000	272
600	1.5/1		56	41	402	1500	268
	1.9/1		54	40	392	1900	208

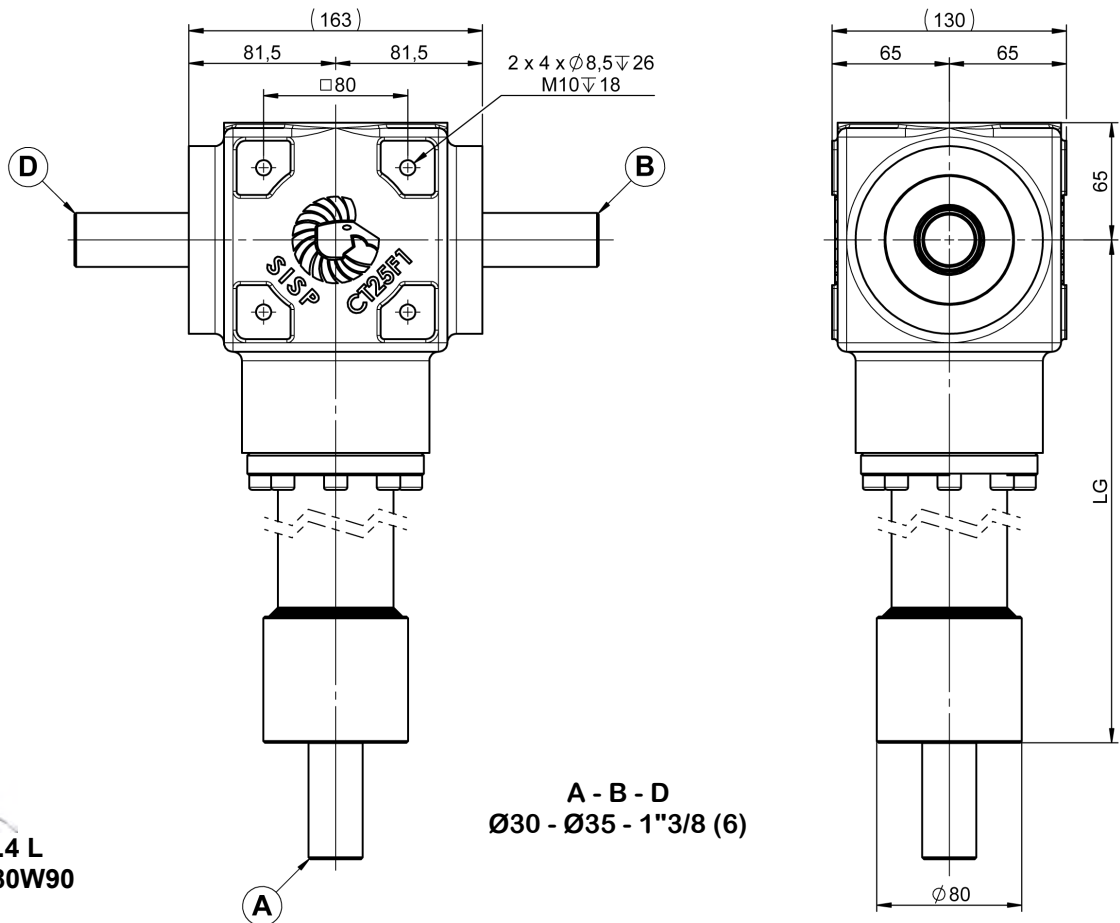
*Autres longueurs de trompette disponibles sur demande.
Other dimensions of extension arm available on request.





T25 TROMPETTE

T25 EXTENSION ARM

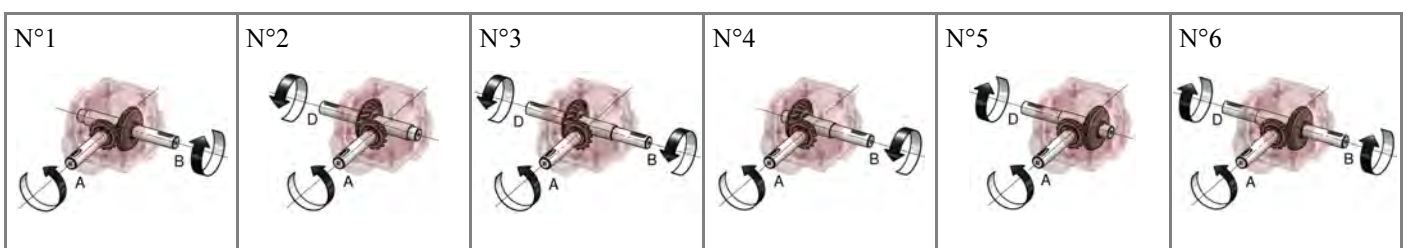


0.4 L
TM80W90

A - B - D
Ø30 - Ø35 - 1"3/8 (6)

LG* MM	RAPPORT RATIO	T/MN - RPM	B - D			A	
			CV - HP	KW	NM	T/MN - RPM	NM
370	1/1	540	36	26	480	540	480
400	1.5/1		32	23	280	810	420
430	2/1		35.6	14.2	236	1080	472
625	2.5/1		33.6	24.7	179	1350	448
730	1/1	1000	63	46	452	1000	452
765	1.5/1		57	41.8	272	1500	408

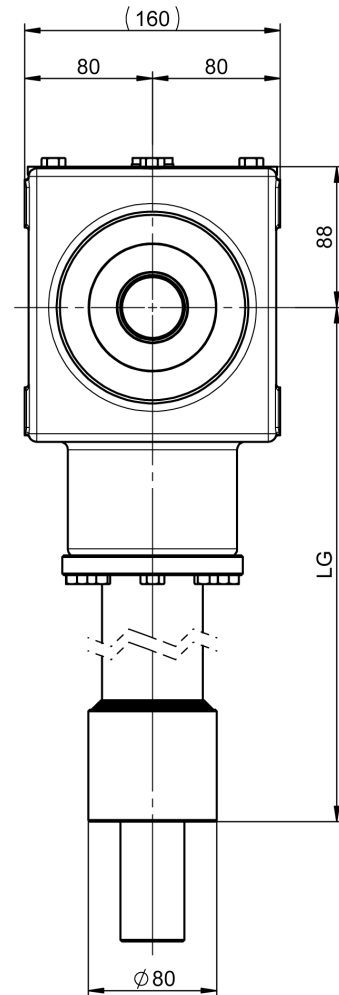
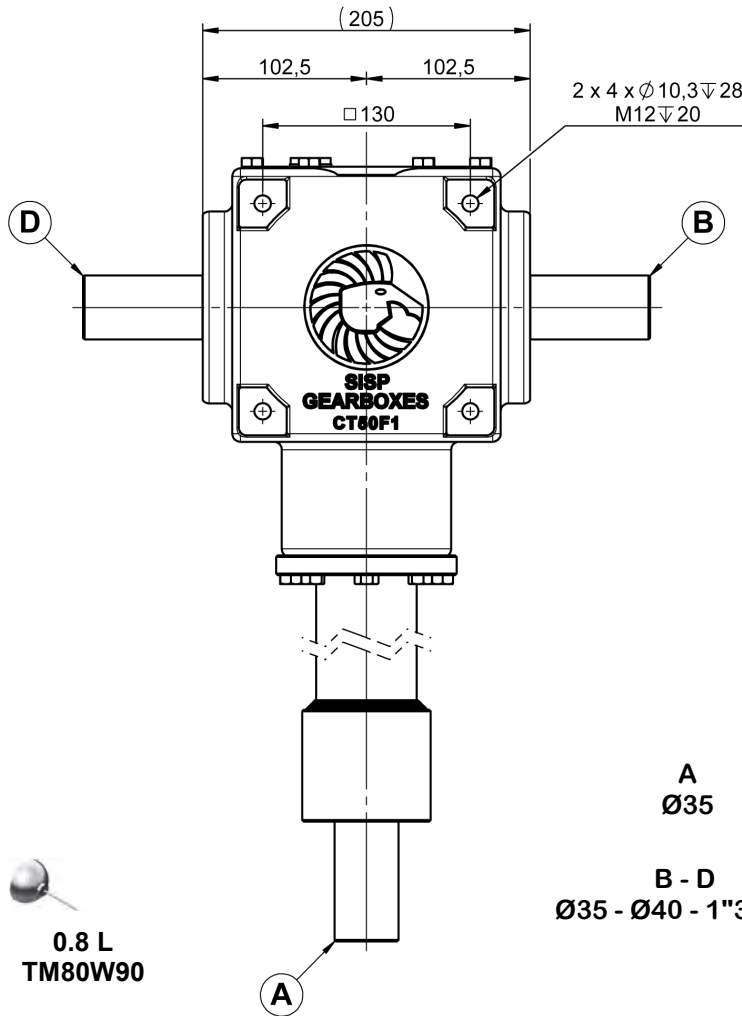
*Autres longueurs de trompette disponibles sur demande.
Other dimensions of extension arm available on request.





T50 TROMPETTE

T50 EXTENSION ARM

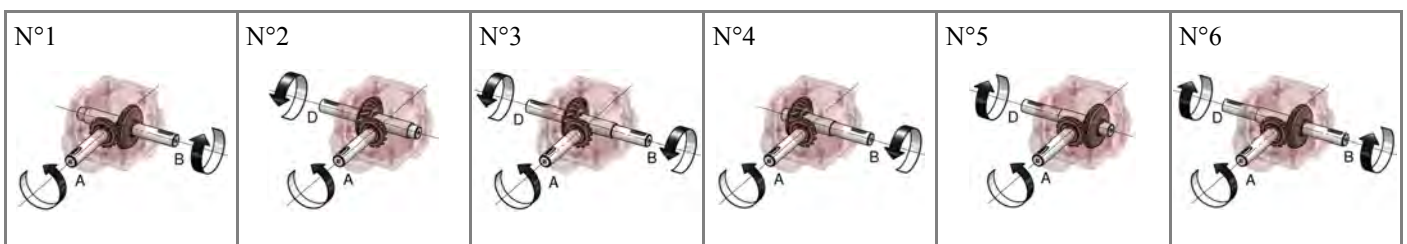


A
Ø35

B - D
Ø35 - Ø40 - 1"3/8 (6)

LG* MM	RAPPORT RATIO	T/MN - RPM	B - D			A	
			CV - HP	KW	NM	T/MN - RPM	NM
500	1/1	540	89	65	1180	540	1180
600	1.5/1		79.2	58.2	700	810	1052
700	2.07/1	1000	67.6	49.7	432	1118	896
	1/1		152	112	1080	1000	1080
800	1.5/1	1000	137	100.6	652	1500	980
900	2.07/1		115.2	84.7	400	2070	824

*Autres longueurs de trompette disponibles sur demande.
Other dimensions of extension arm available on request.



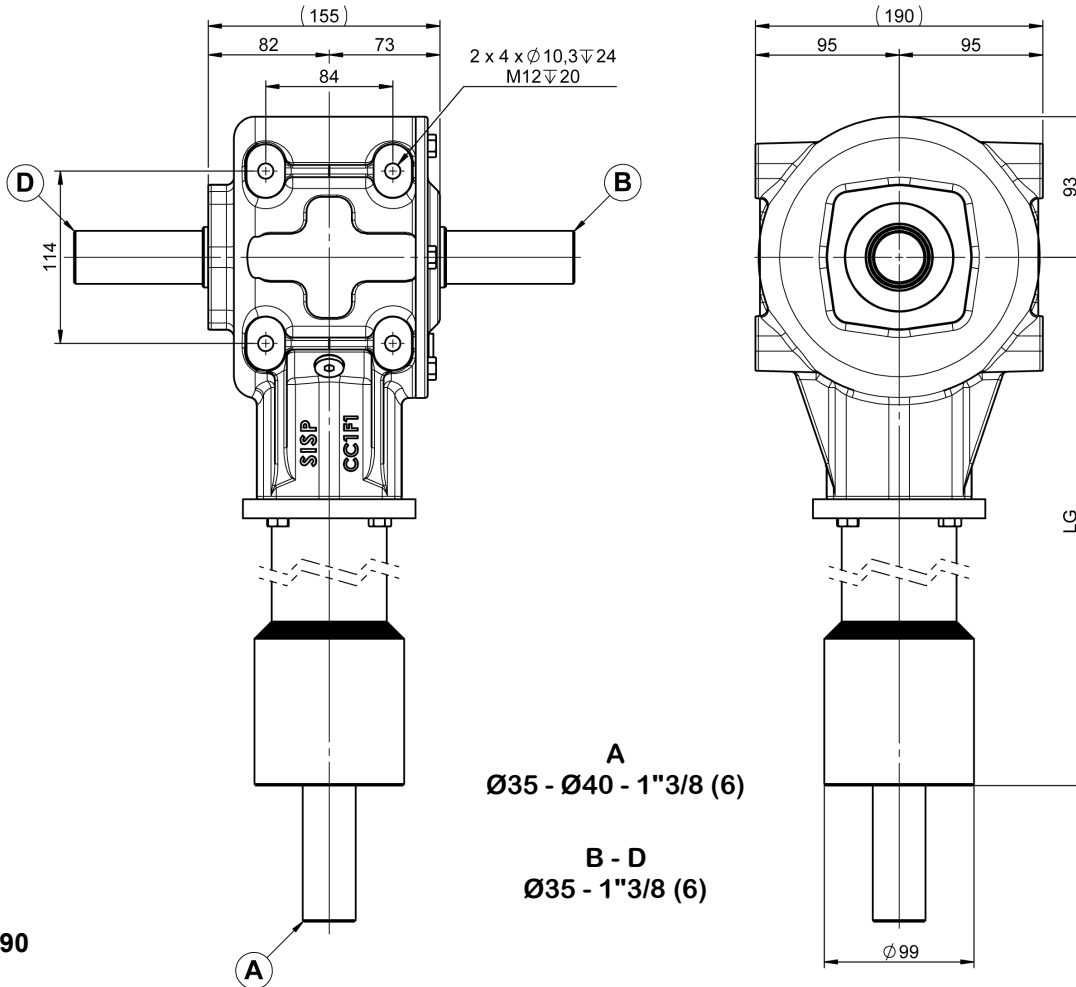


C1 TROMPETTE

C1 EXTENSION ARM



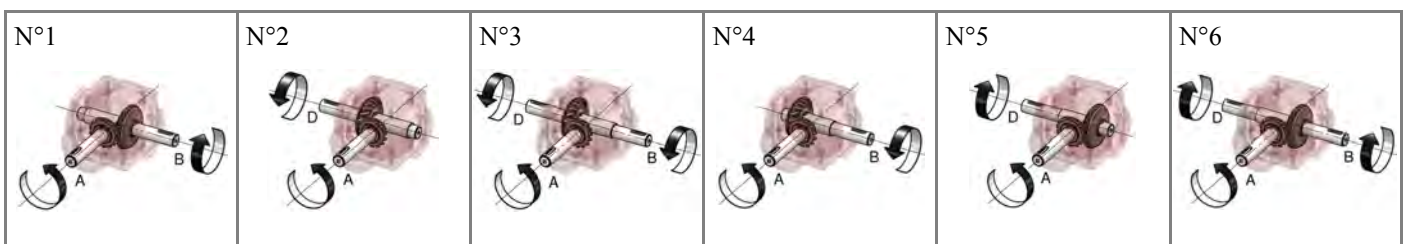
Option: Roue libre / Overrunning clutch



0.6 L
TM80W90

LG* MM	RAPPORT RATIO	T/MN - RPM	B - D			A	
			CV - HP	KW	NM	T/MN - RPM	NM
710	3/1	540	88	65	1160	1620	388
890	4/1		80	59	1060	2160	265

*Autres longueurs de trompette disponibles sur demande.
Other dimensions of extension arm available on request.



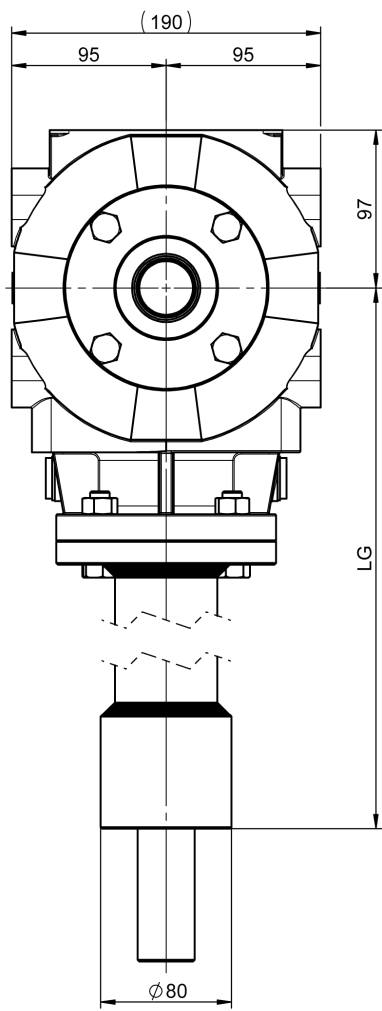
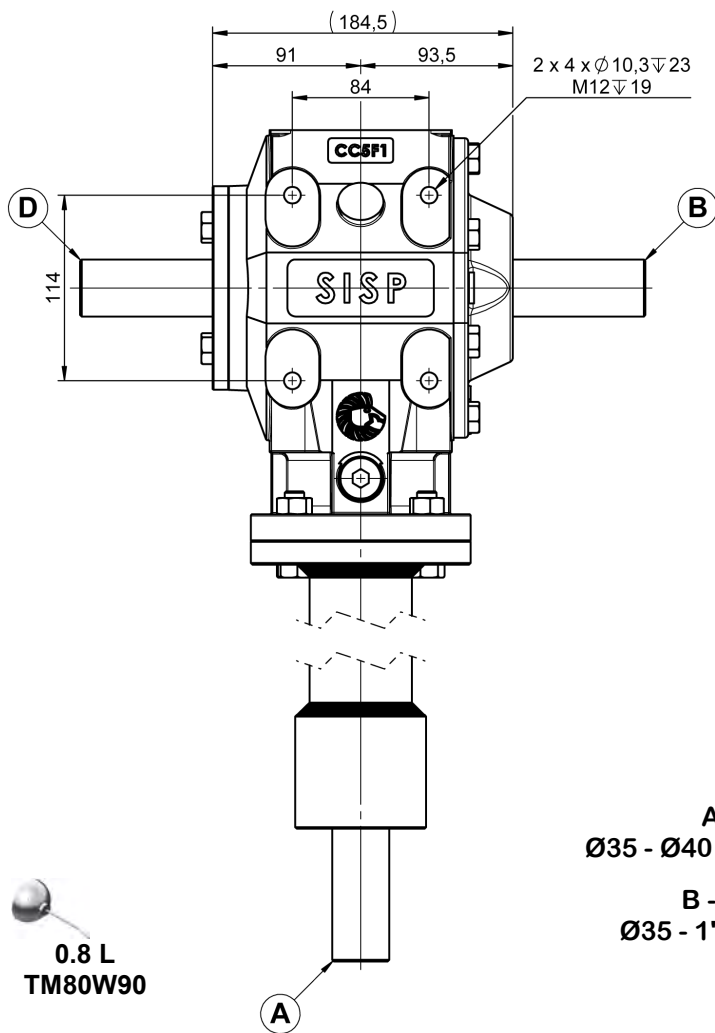


C5 TROMPETTE

C5 EXTENSION ARM



Option: Roue libre / Overrunning clutch



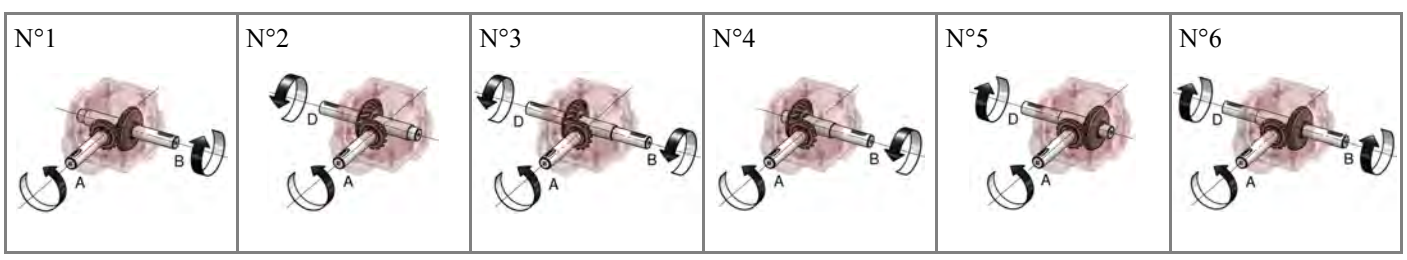
A
Ø35 - Ø40 - 1"3/8 (6)

B - D
Ø35 - 1"3/8 (6)

0.8 L
TM80W90

LG* MM	RAPPORT RATIO	T/MN - RPM	B - D			A	
			CV - HP	KW	NM	T/MN - RPM	NM
890	3/1	540	88	65	1160	1620	388
950	4/1		80	59	1060	2160	265

*Autres longueurs de trompette disponibles sur demande.
Other dimensions of extension arm available on request.



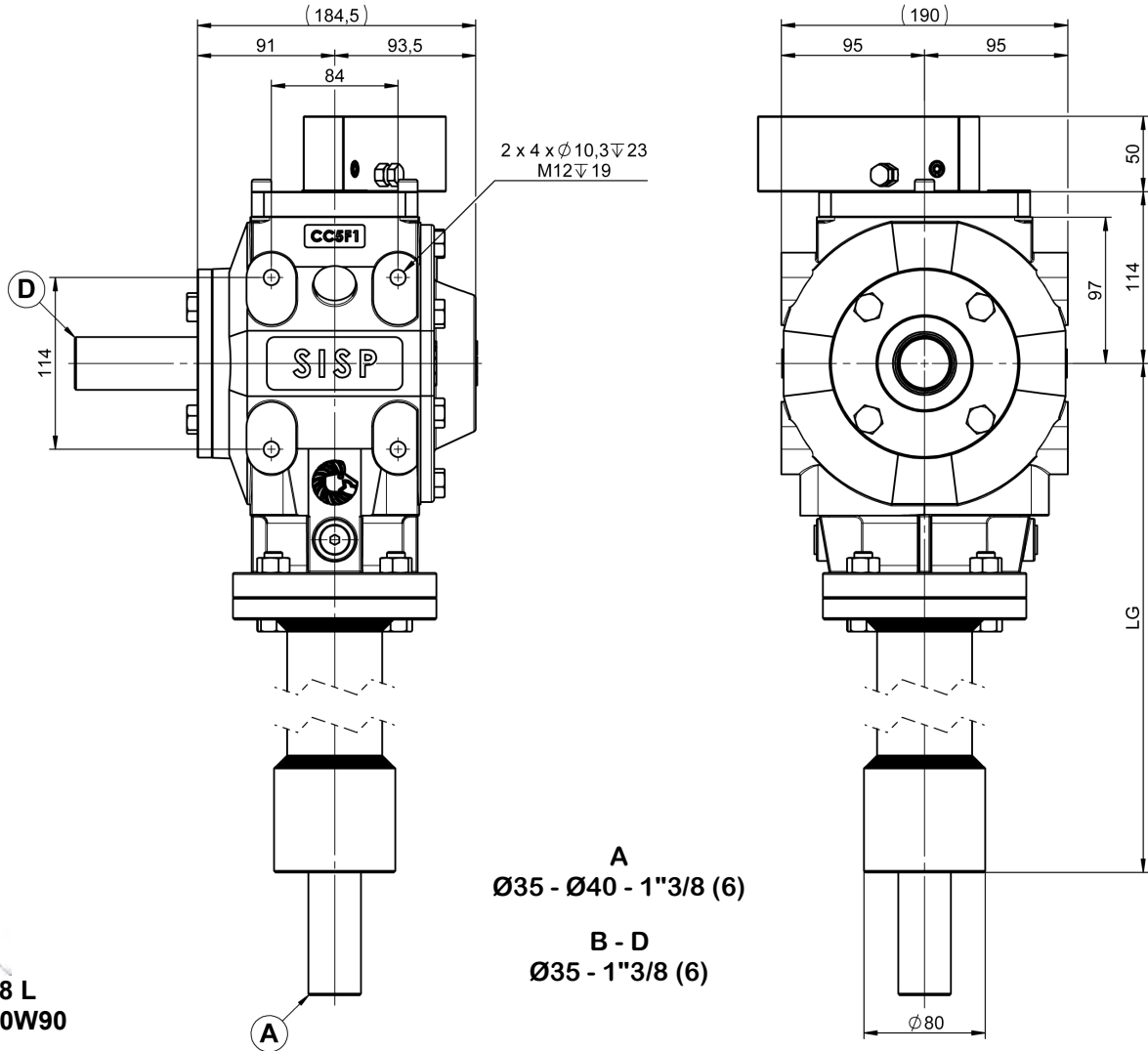


C5 TROMPETTE INVERSEUR

C5 EXTENSION ARM INVERTER



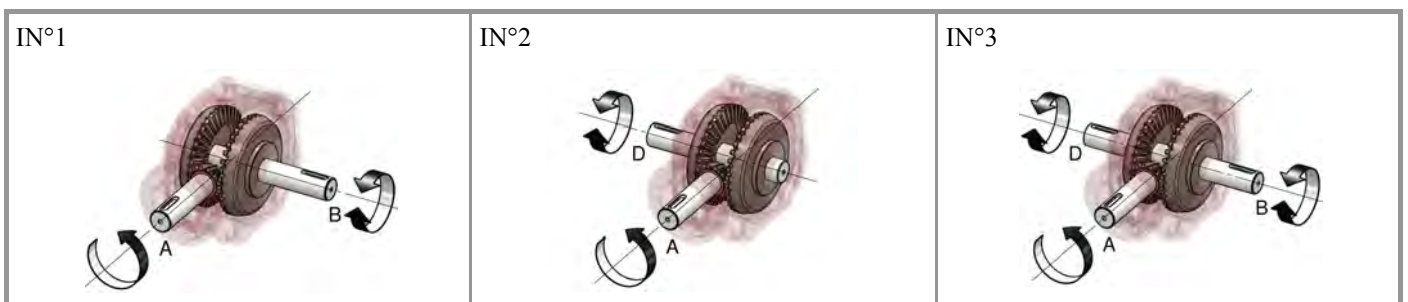
Denture conique droite / Straight bevel gear



0.8 L
TM80W90

LG* MM	RAPP RATIO	B - D				A	
		T/MN - RPM	CV - HP	KW	NM	T/MN - RPM	NM
950	3/1	540	50	37	661	1620	220

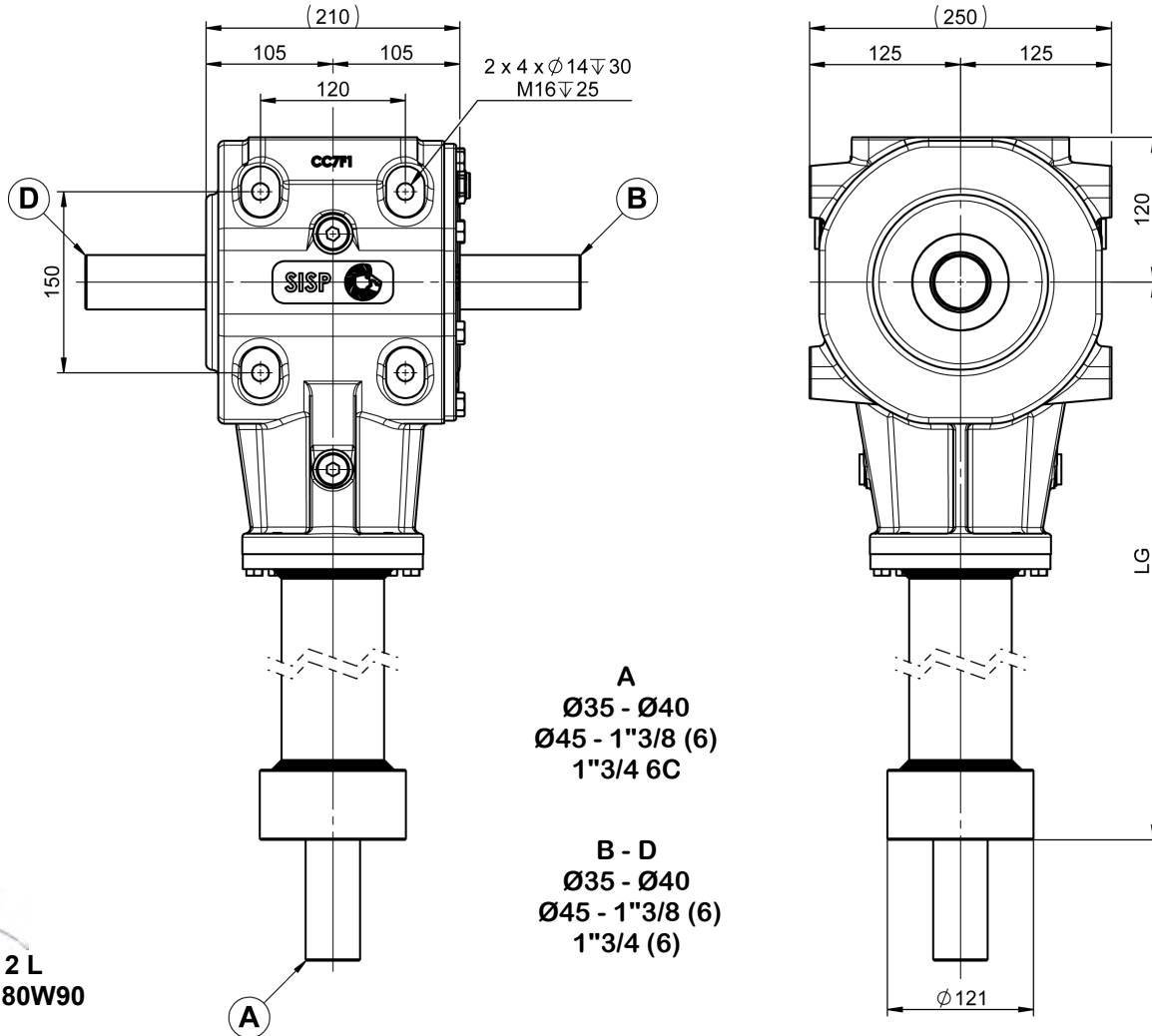
*Autres longueurs de trompette disponibles sur demande.
Other dimensions of extension arm available on request.





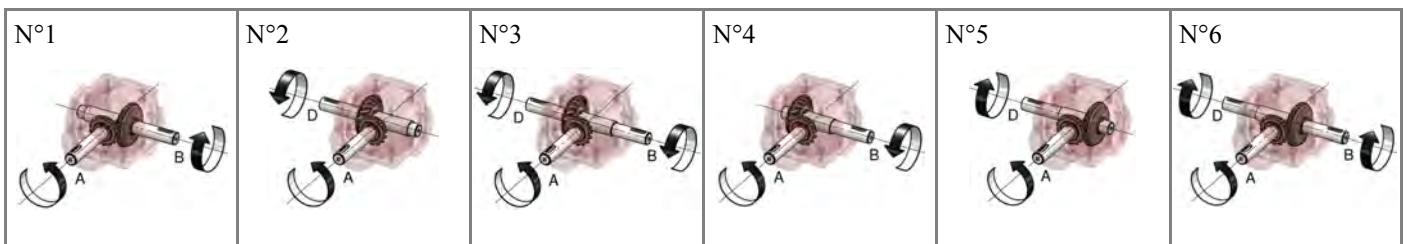
C7 TROMPETTE

C7 EXTENSION ARM



LG* MM	RAPPORT RATIO	T/MN - RPM	B - D			A	
			CV - HP	KW	NM	T/MN - RPM	NM
650	1.92/1	540	147	108	1956	1036	1020
750	3/1		133	98	1764	1620	588
850	4/1		190	140	2520	2160	628

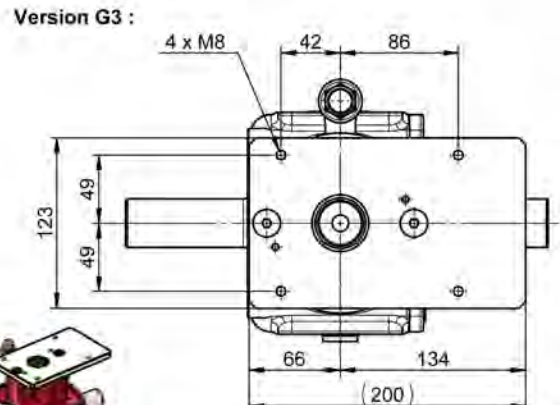
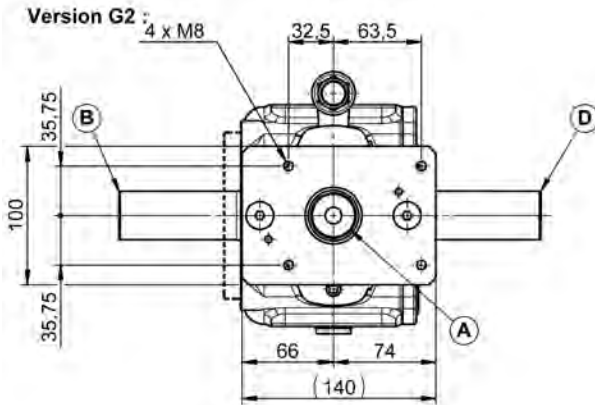
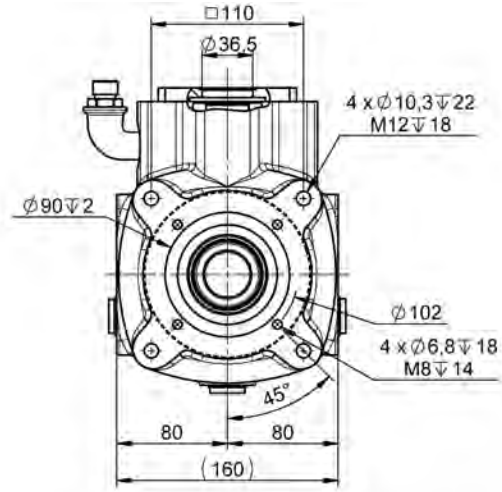
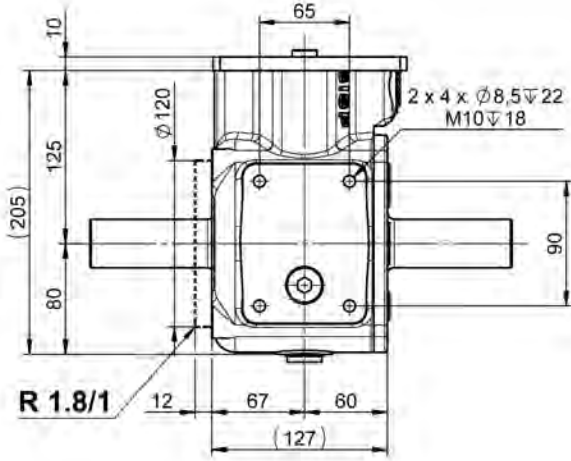
*Autres longueurs de trompette disponibles sur demande.
 Other dimensions of extension arm available on request.





RAH110 MULTIPLICATEUR

RAH110 MULTIPLIER G2, G3

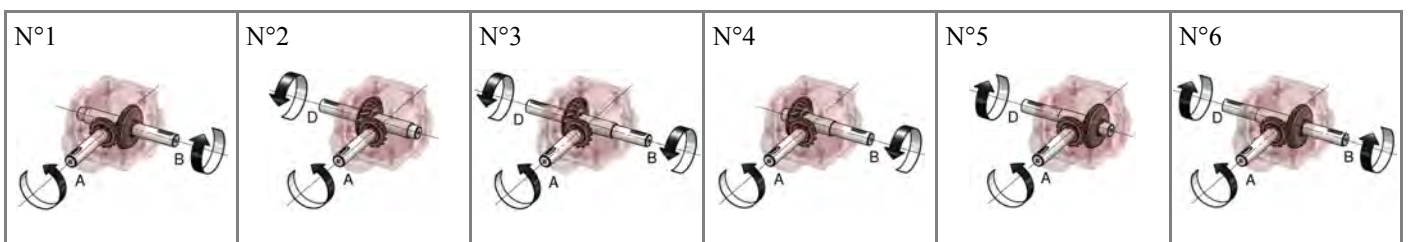


0.32 L
TM80W90

Boîtier R 1,8/1 +12 mm (139 mm) coté arbre B,
Gearbox with the ratio R 1,8/1 +12 mm (139 mm) side B shaft,

16 KG

RAPPORT RATIO	Ø	T/MN	B - D CV	KW	NM	Ø	A T/MN	NM
3/1	Ø30 F	1000	65	48	467	Ø35 F (18)	3000	155
	Ø35 F							
1.8/1	1"3/8 F	1000	72	53	520	M1.175 DIN 5482	1810	290
	Ø35 M x2							
	1"3/8 M x2							
1"3/4 M x2								



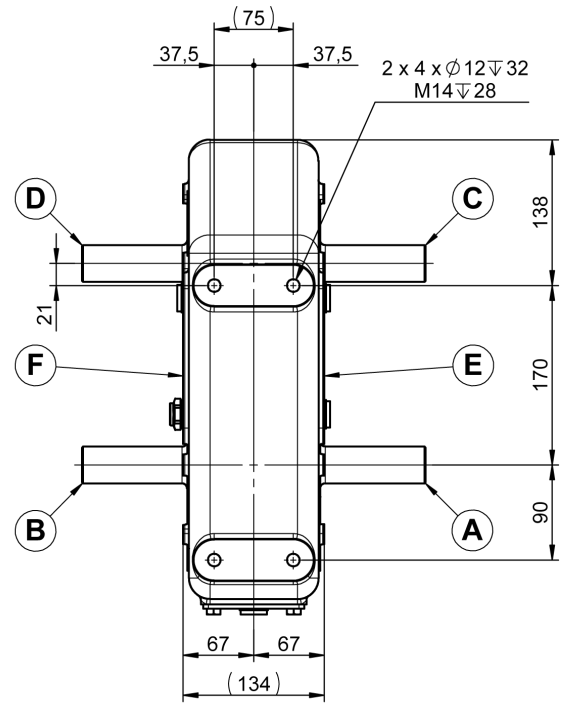
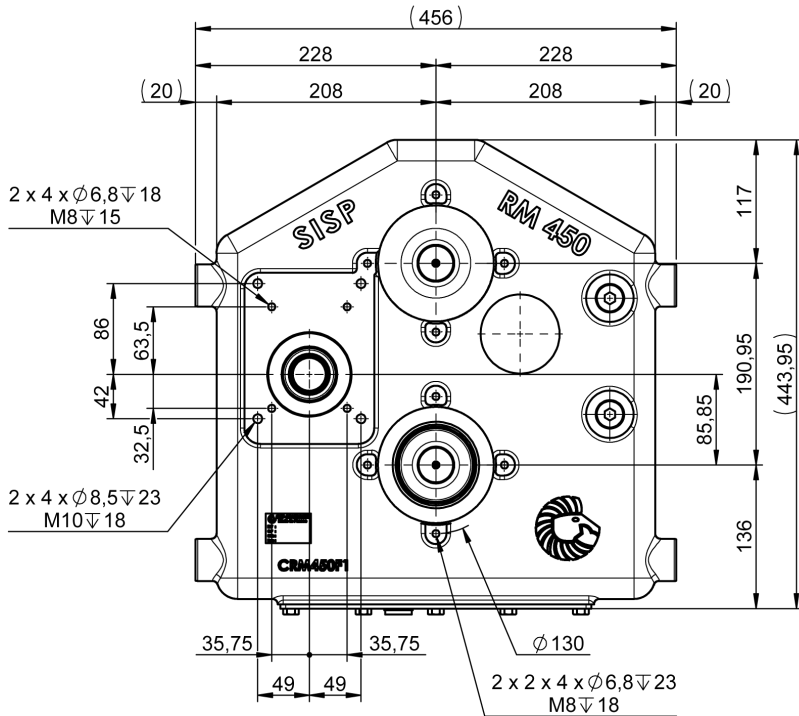


RM450 MULTIPLICATEUR

RM450 MULTIPLIER G2, G3



Avec reniflard / With breather plug



Option : 1 ou 2 pompes G2 ou G3 / 1 or 2 pumps G2 or G3



4.5 L
TM80W90

A - B
 1"3/8 (6) M - 1"3/4 (6) M
 1"3/4 (20) M - Ø40 M
 Ø45 M - 1"3/8 (6) F
 Ø45 F - Ø50 F

C - D - E - F
 1"3/8 (6) F
 32X36X6 (8)
 8/13 (13)
 12/24 (14)
 16/32 (21)

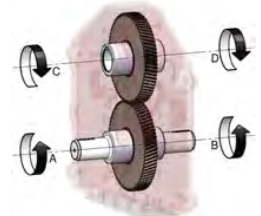


45 KG

P27 : INVERSION / INVERTER

RAPPORT RATIO	A - B				C - D - E - F	
	T/MN - RPM	CV - HP	KW	NM	T/MN - RPM	NM
1/1	540	74	54	962	540	962
	1000	133	98	933	1000	933
1.85/1	540	122	89	1582	1000	855
	1000	220	162	1546	1850	836
2.59/1	540	169	124	2200	1398	820

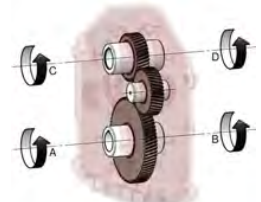
N° P27



P28 : SANS INVERSION / WITHOUT INVERTER

RAPPORT RATIO	A - B				C - D - E - F	
	T/MN - RPM	CV - HP	KW	NM	T/MN - RPM	NM
1.85/1	540	83	61	1080	1000	584
	1000	150	110	1104	1850	571

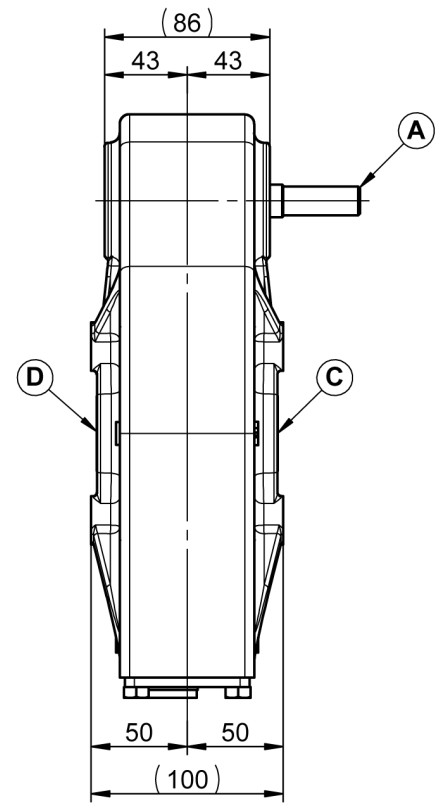
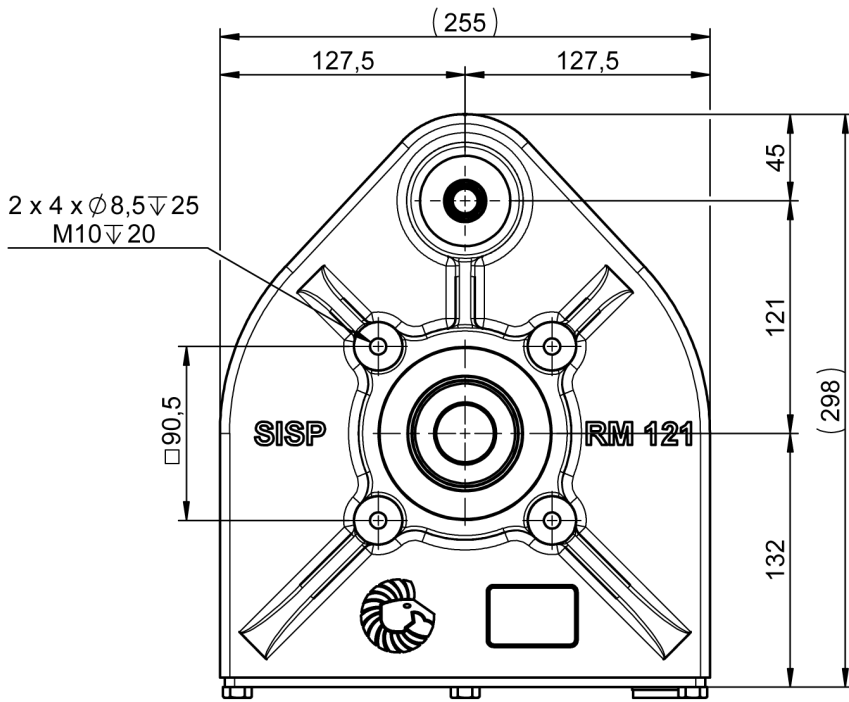
N° P28





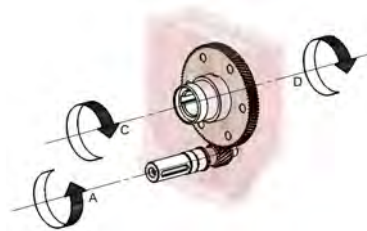
RM121 BOITIER EN LIGNE

RM121 LINEAR GEARBOX



N° P32

3 KG
GRAISSE EP0
GREASE EP0



22 KG

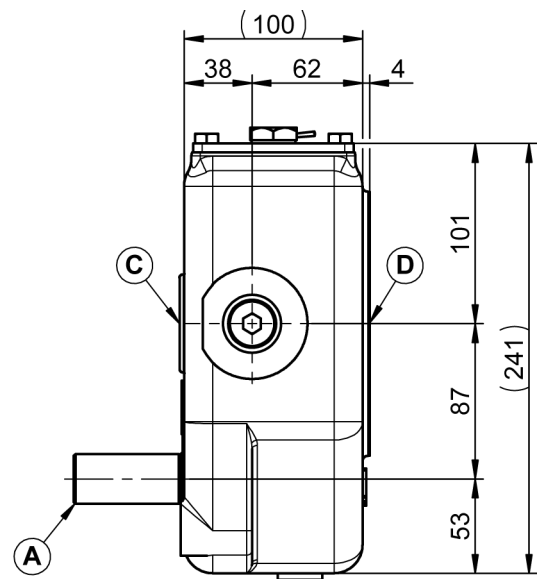
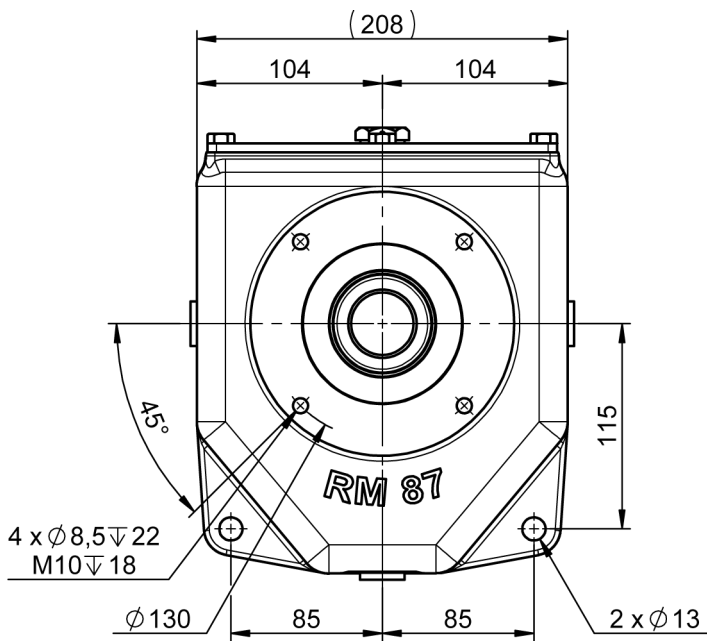
ENTREE A / INPUT A

RAPPORT RATIO	Ø	T/MN - RPM	A CV - HP	KW	NM	Ø	C - D T/MN - RPM	NM
1/12.5	15 h6	1400	13	9.5	66	30 H7	112	831

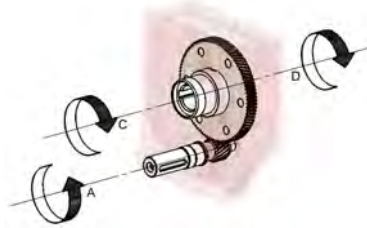


RM87 BOITIER EN LIGNE

RM87 LINEAR GEARBOX



N° P32



1 L
TM80W90

17 KG

ENTREE A / INPUT A								
RAPPORT RATIO	Ø	T/MN - RPM	A CV - HP	KW	NM	Ø	C - D T/MN - RPM	NM
1/4.87	28 j6	1150	12	9	61	35 G7	236	362
		1500	9.5	7	58		308	280

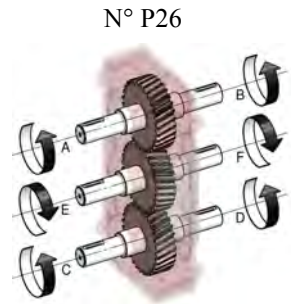
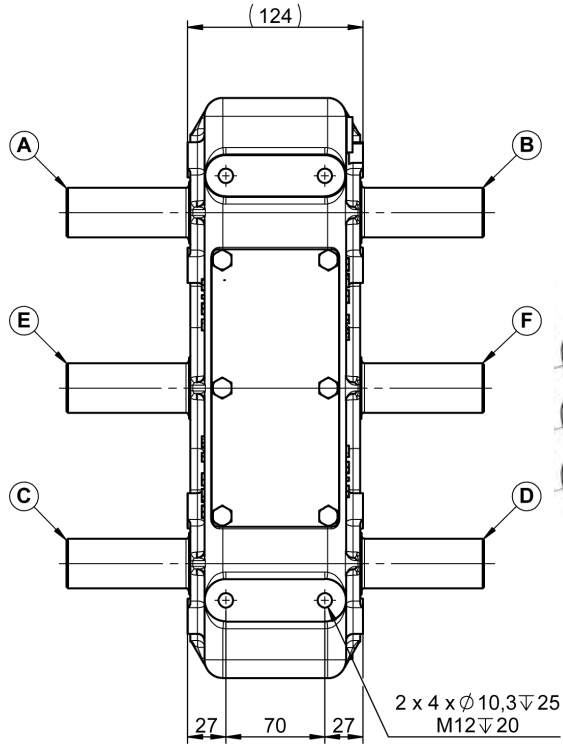
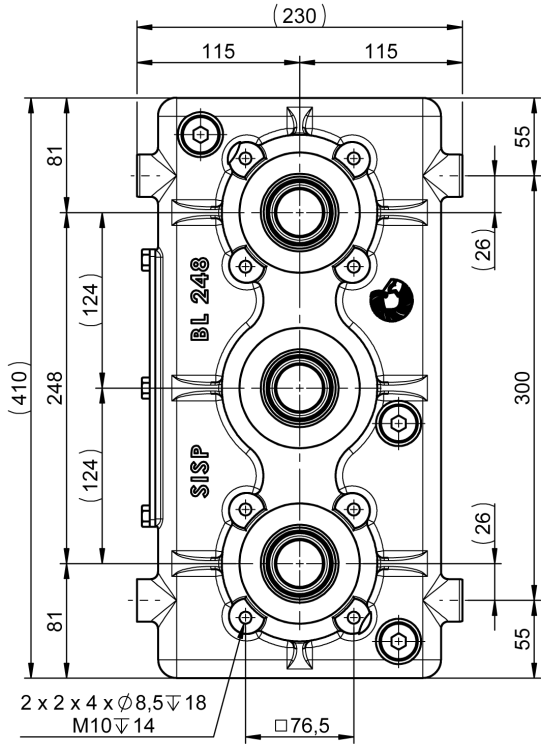


BL248 BOITIER EN LIGNE

BL248 LINEAR GEARBOX



Avec reniflard / With breather plug



VERSION DENTURE DROITE / STRAIGHT TEETH VERSION

RAPPORT RATIO	Ø A - B - C - D - E - F	T/MN - RPM	ENTREE / INPUT			SORTIE / OUTPUT	
			CV - HP	KW	NM	T/MN - RPM	NM
1/1	1"3/8 (6) M	540	85	63	1120	540	1120
	1"3/4 (6) M						
	1"3/4 (20) M						
	Ø40 M	1000	153	112	1100	1000	1100
	Ø45 M						
	1"3/8 (6) F						

VERSION DENTURE HELICOIDALE / HELICAL TEETH VERSION

1/1	1"3/8 (6) M	540	100	74	1330	540	1330
	1"3/4 (6) M						
	1"3/4 (20) M						
	Ø40 M	1000	200	147	1432	1000	1432
	Ø45 M						
	1"3/8 (6) F						

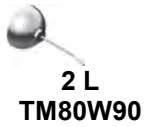
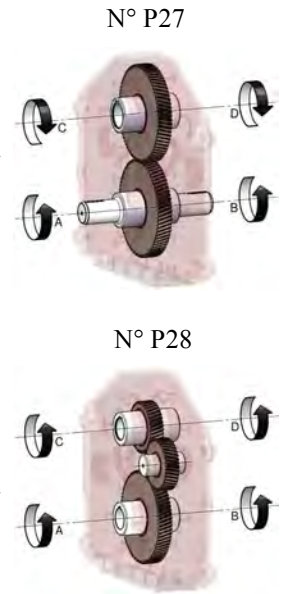
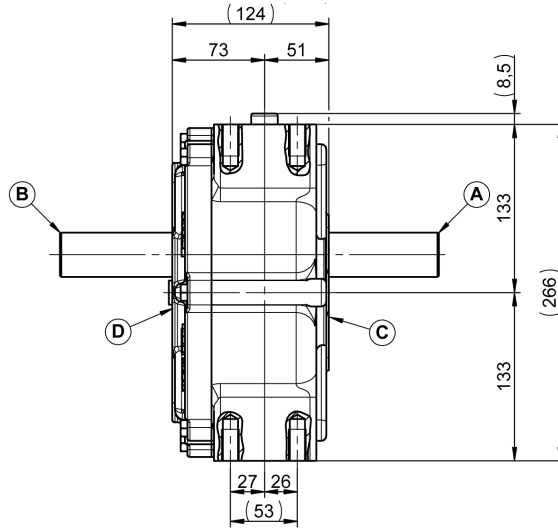
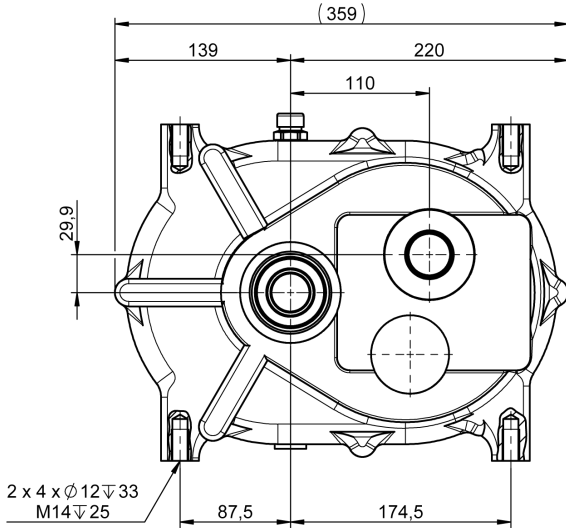


RM390 BOITIER EN LIGNE

RM390 LINEAR GEARBOX



Avec reniflard / With breather plug



P28 : SANS INVERSION / WITHOUT INVERTER

P27 : INVERSION / INVERTER



RAPPORT RATIO	Ø	T/MN - RPM	A - B			C - D	
			CV - HP	KW	NM	T/MN - RPM	NM
1/1.85	1"3/8 (6) M	1000	121	89	867	542	1601
	1"3/4 (6) M						
1.85/1	1"3/4 (20) M	540	121	89	1604	997	869
	Ø40 M						
	Ø45 M						
	1"3/8 (6) F						

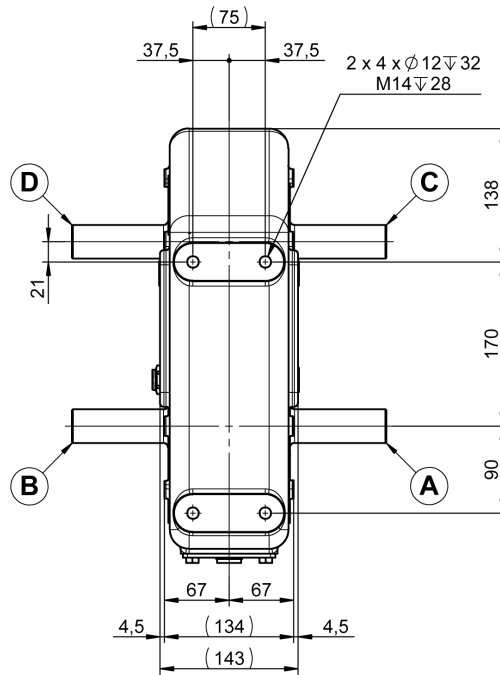
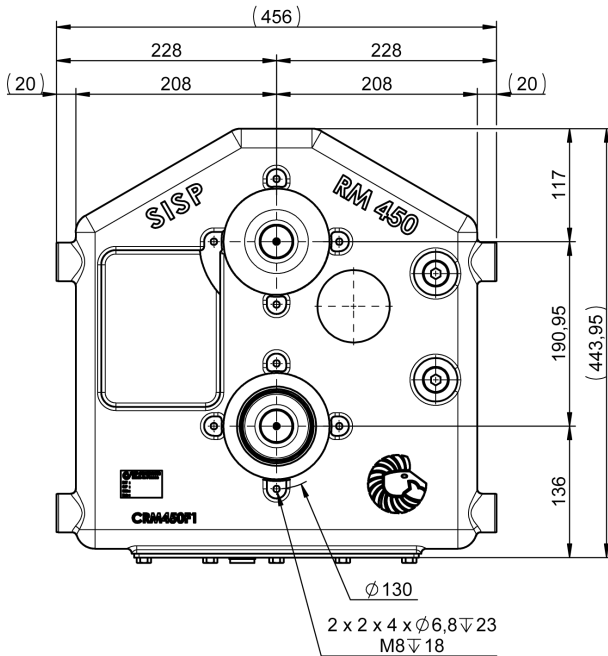


RM450 BOITIER EN LIGNE

RM450 LINEAR GEARBOX



Avec reniflard / With breather plug

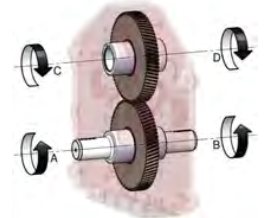


A-B-C-D
 1"3/8 (6) M
 1"3/4 (6) M
 1"3/4 (20) M
 Ø40 M
 Ø45 M
 1"3/8 (6) F
 Ø45 F
 Ø50 F

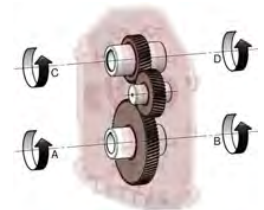
P27 : INVERSION / INVERTER						
RAPPORT RATIO	T/MN - RPM	C - D			A - B	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1	540	74	54	962	540	962
	1000	133	98	933	1000	933
1/1.85	540	67	49	866	292	1602
	1000	122	89	855	540	1582
1/2.59	540	67	49	874	208	2259
	1000	123	90	861	386	2227
RAPPORT RATIO	T/MN - RPM	A - B			C - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1.85/1	540	122	89	1582	1000	855
	1000	220	162	1546	1850	836
2.59/1	540	169	124	2200	1398	820



N° P27



N° P28



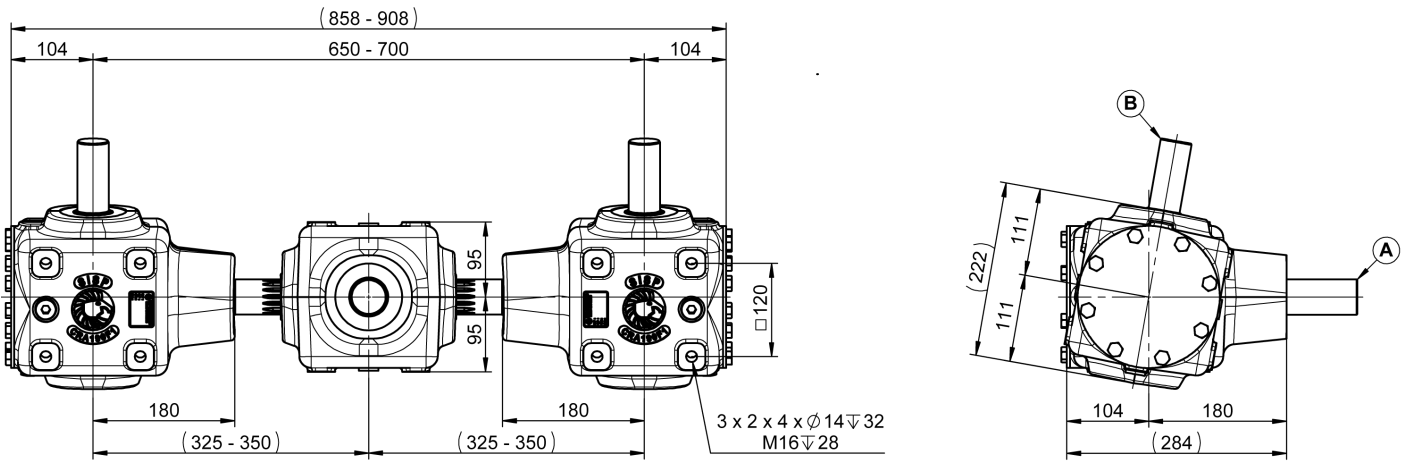
P28 : SANS INVERSION / WITHOUT INVERTER						
RAPPORT RATIO	T/MN - RPM	C - D			A - B	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1.85	540	45	33	591	292	1094
	1000	83	61	584	540	1080
RAPPORT RATIO	T/MN - RPM	A - B			C - D	
		CV - HP	KW	NM	T/MN - RPM	NM
1.85/1	540	83	61	1080	1000	584
	1000	150	110	1104	1850	571



RA190 ENSEMBLE DE TROIS BOITIERIS

RA190 SET OF THREE GEARBOXES

650 - 700 MM



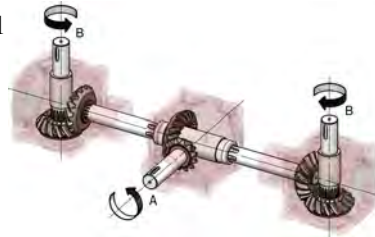
Autres entraxes sur demande / Other entraxe on request

A
1"3/8 (6) - 1"3/4 (6)
1"3/4 (20)

B
Ø40 (14) - Ø40
Ø45 (16) - Ø45

Angle variable / Variable angle

N° P1



1.2 L x3
TM80W90

99 KG

ENTRAXE VARIABLE 650 A 700 MM / VARIABLE ENTRAXE FROM 650 TO 700 MM

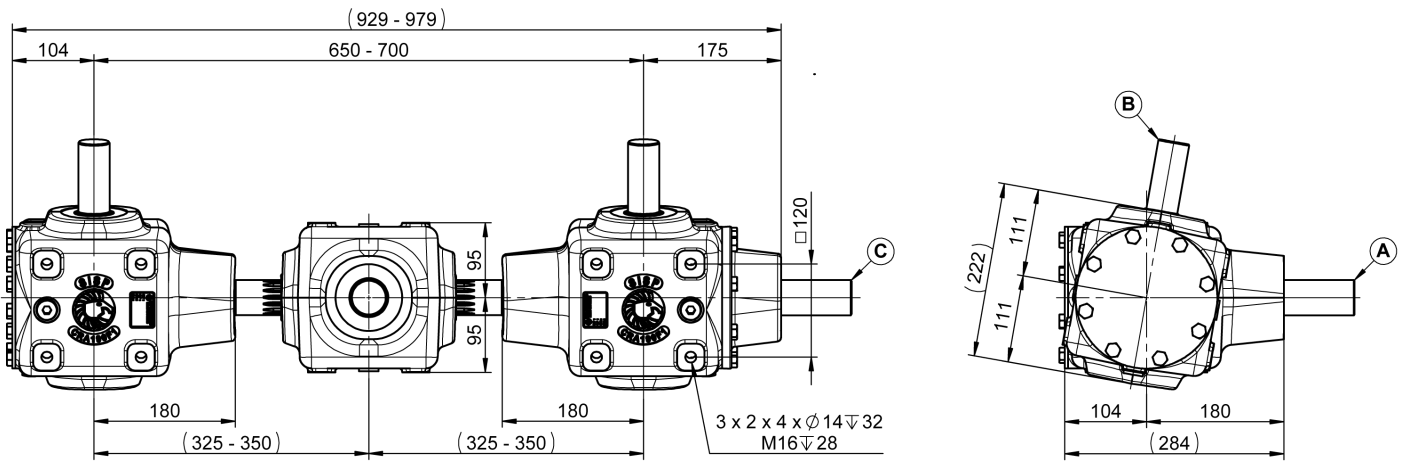
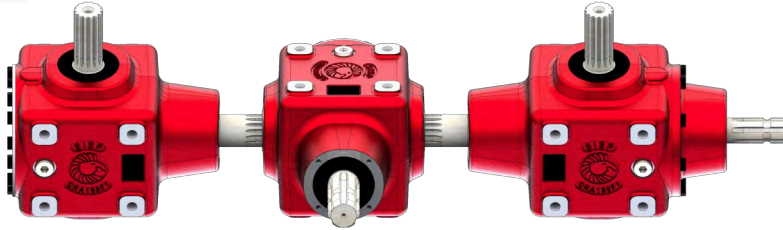
RAPPORT RATIO	T/MN - RPM	A			B	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1	540	110	81	1459	540	1459
1/1.12		109	80	1448	483	1618
1/1.29		108	79	1429	420	1837
1/1.35		103	76	1364	399	1845
1/1.83	1000	140	103	1005	545	1842
1/2.05		134	99	961	488	1968
1/2.36		119	88	853	424	2010
1/2.48		115	85	824	403	2044



RA190 ENSEMBLE DE TROIS BOITIERIS

RA190 SET OF THREE GEARBOXES

650 - 700 MM + Lateral Output



Autres entraxes sur demande / Other entraxe on request

A
1"3/8 (6) - 1"3/4 (6)
1"3/4 (20)

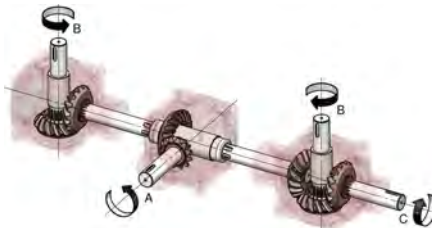
B
 $\phi 40$ (14) - $\phi 40$
 $\phi 45$ (16) - $\phi 45$

C
1"3/8 (6) - 1"3/4 (6)

Angle variable / Variable angle

1.2 L x3
TM80W90

N° P5



109 KG

ENTRAXE VARIABLE 650 A 700 MM / VARIABLE ENTRAXE FROM 650 TO 700 MM

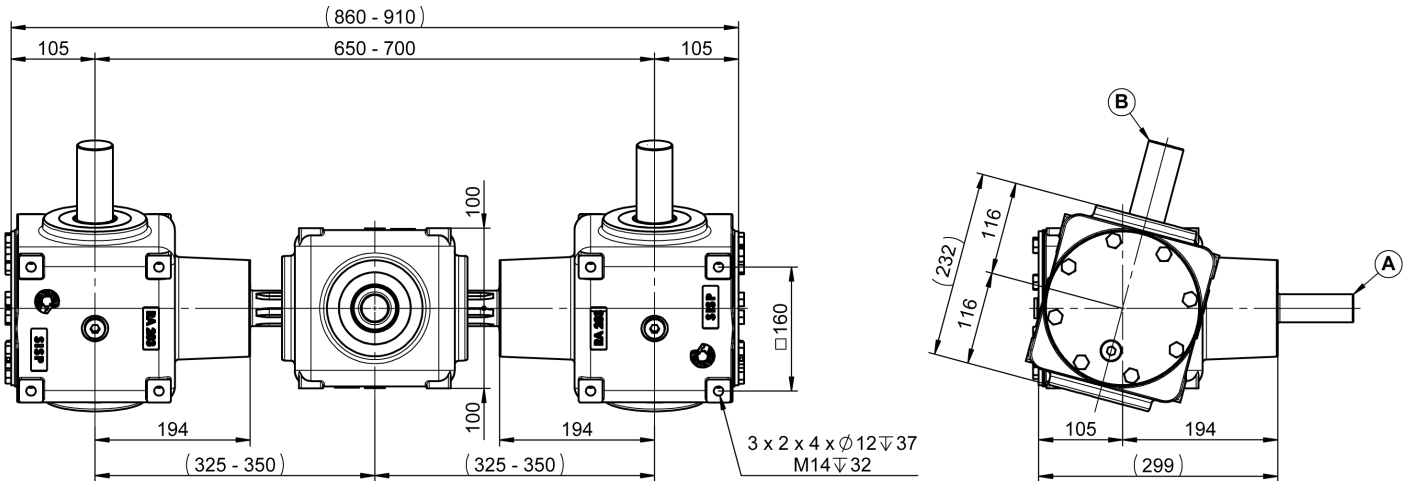
RAPPORT RATIO	T/MN - RPM	A			B		C	
		CV - HP	KW	NM	T/MN - RPM	NM	T/MN - RPM	NM
1/1	540	110	81	1459	540	1459	540	1240
1/1.12		109	80	1448	483	1618	540	1231
1/1.29		108	79	1429	420	1837	540	1214
1/1.35		103	76	1364	399	1845	540	1159
1/1.83	1000	140	103	1005	545	1842	1000	1566
1/2.05		134	99	961	488	1968	1000	1497
1/2.36		119	88	853	424	2010	1000	1329
1/2.48		115	85	824	403	2044	1000	1284



RA203 ENSEMBLE DE TROIS BOITERS

RA203 SET OF THREE GEARBOXES

650 - 700 MM

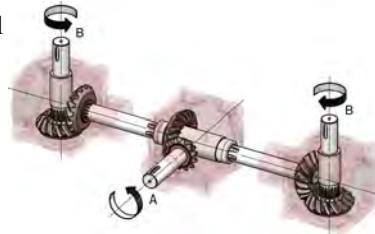


A
1"3/8 (6) - 1"3/4 (6)
1"3/4 (20)

B
Ø45 (16) - Ø55 (20)
Ø45 - Ø50

Angle variable / Variable angle

N° P1



1.5 L x3
TM80W90

126 KG

ENTRAXE VARIABLE 650 A 700 MM / VARIABLE ENTRAXE FROM 650 TO 700 MM

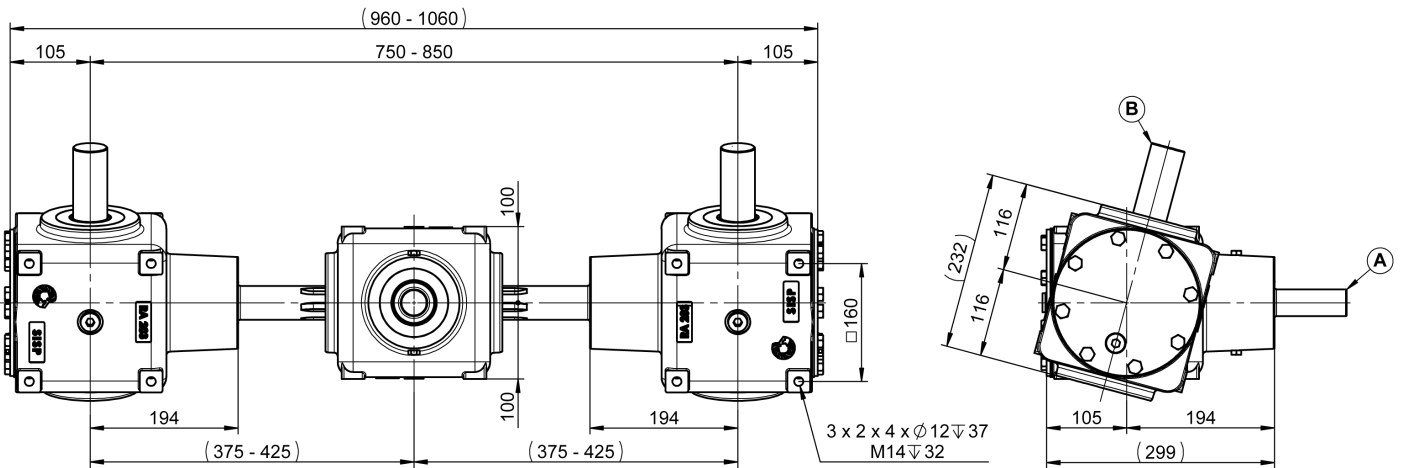
RAPPORT RATIO	T/MN - RPM	A			B	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1	540	156	115	2072	540	2072
1/1.35		155	114	2060	399	2787
1/1.54		125	92	1652	351	2542
1/1.83		102	75	1346	295	2467
1/1.35	1000	265	195	1900	739	2571
1/1.54		213	157	1528	650	2351
1/1.83		175	128	1250	545	2292
1/2.48		129	95	922	403	2288
1/3.36		101	74	720	298	2420



RA203 ENSEMBLE DE TROIS BOITERS

RA203 SET OF THREE GEARBOXES

750 - 850 MM

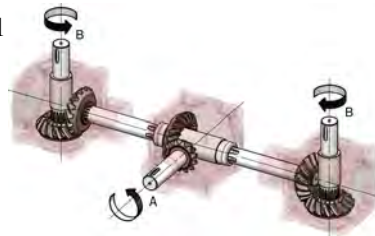


A
1"3/8 (6) - 1"3/4 (6)
1"3/4 (20)

B
Ø45 (16) - Ø55 (20)
Ø45 - Ø50

Angle variable / Variable angle

N° P1



1.5 L x3
TM80W90

127 KG

ENTRAXE VARIABLE 750 A 850MM / VARIABLE ENTRAXE FROM 750 TO 850 MM

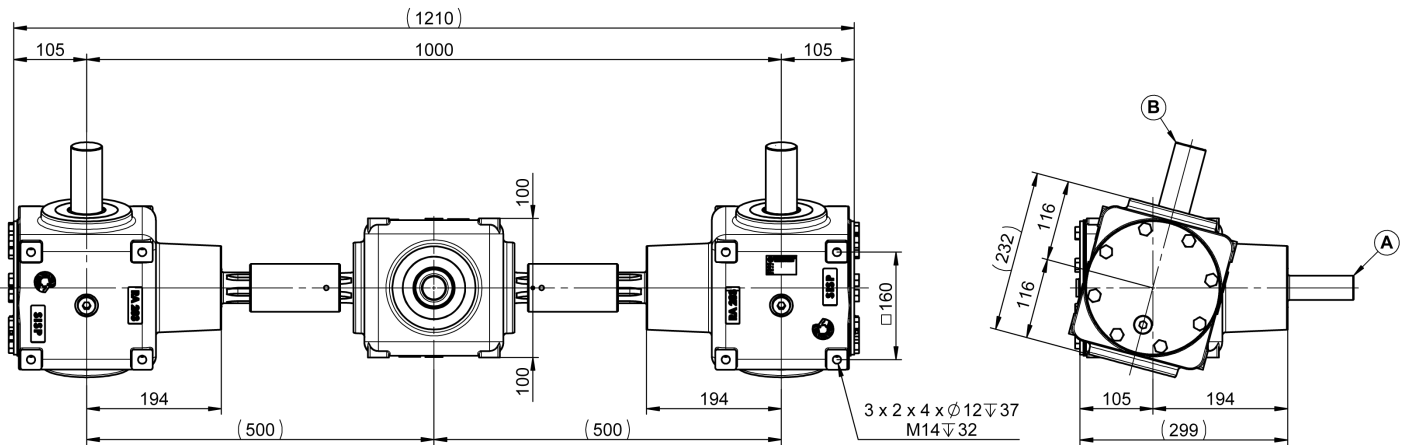
RAPPORT RATIO	T/MN - RPM	A			B	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1	540	156	115	2072	540	2072
1/1.35		155	114	2060	399	2787
1/1.54		125	92	1652	351	2542
1/1.83		102	75	1346	295	2467
1/1.35	1000	265	195	1900	739	2571
1/1.54		213	157	1528	650	2351
1/1.83		175	128	1250	545	2292
1/2.48		129	95	922	403	2288
1/3.36		101	74	720	298	2420



RA203 ENSEMBLE DE TROIS BOITIER

RA203 SET OF THREE GEARBOXES

1000 MM

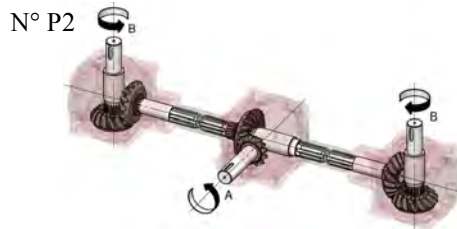


A
1"3/8 (6) - 1"3/4 (6)
1"3/4 (20)

B
 $\phi 45$ (16) - $\phi 55$ (20)
 $\phi 45$ - $\phi 50$

Angle variable / Variable angle

1.5 L x3
TM80W90



132 KG

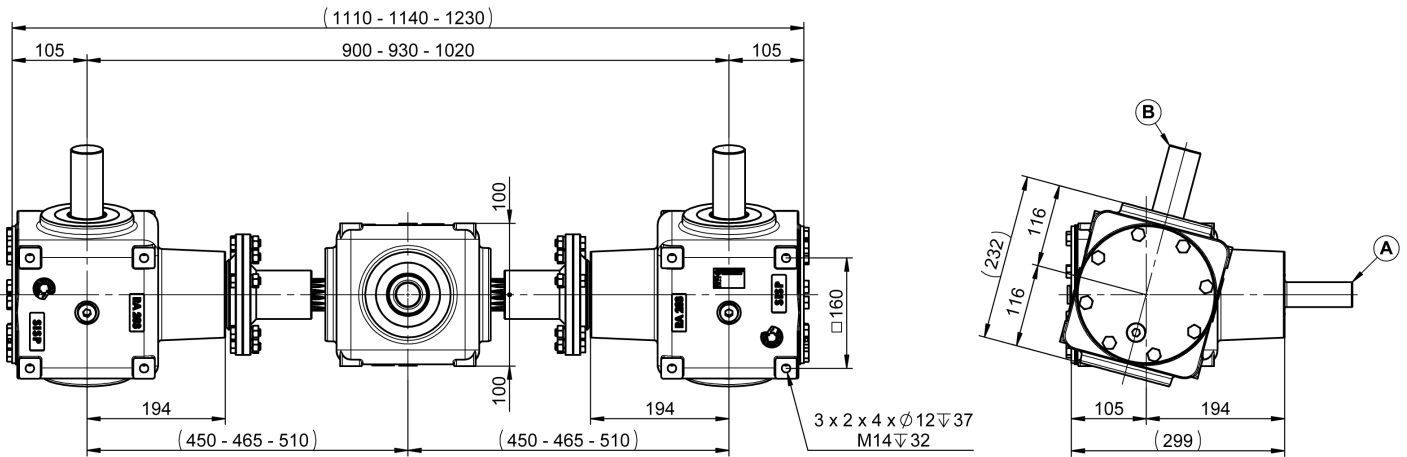
ENTRAXE 1000 MM / ENTRAXE 1000 MM						
RAPPORT RATIO	T/MN - RPM	A			B	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1	540	156	115	2072	540	2072
1/1.35		155	114	2060	399	2787
1/1.54		125	92	1652	351	2542
1/1.83		102	75	1346	295	2467
1/1.35	1000	265	195	1900	739	2571
1/1.54		213	157	1528	650	2351
1/1.83		175	128	1250	545	2292
1/2.48		129	95	922	403	2288
1/3.36		101	74	720	298	2420



RA203 ENSEMBLE DE TROIS BOITERS

RA203 SET OF THREE GEARBOXES


900 - 930 - 1020 MM

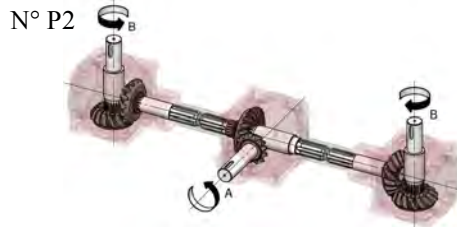


A
1"3/8 (6) - 1"3/4 (6)
1"3/4 (20)

B
 ϕ 45 (16) - ϕ 55 (20)
 ϕ 45 - ϕ 50

Angle variable / Variable angle

 1.5 L x3
TM80W90



 140 KG

ENTRAXE 900 - 930 - 1020 MM / ENTRAXE 900 - 930 - 1020 MM

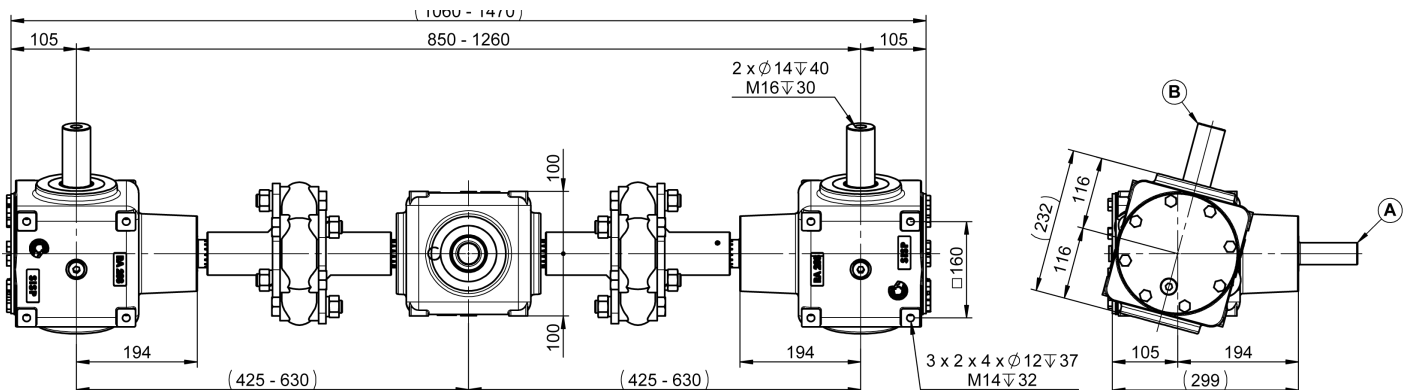
RAPPORT RATIO	A				B	
	T/MN - RPM	CV - HP	KW	NM	T/MN - RPM	NM
1/1	540	156	115	2072	540	2072
1/1.35		155	114	2060	399	2787
1/1.54		125	92	1652	351	2542
1/1.83		102	75	1346	295	2467
1/1.35	1000	265	195	1900	739	2571
1/1.54		213	157	1528	650	2351
1/1.83		175	128	1250	545	2292
1/2.48		129	95	922	403	2288
1/3.36		101	74	720	298	2420



RA203 ENSEMBLE DE TROIS BOITERS

RA203 SET OF THREE GEARBOXES

850 - 1260 MM

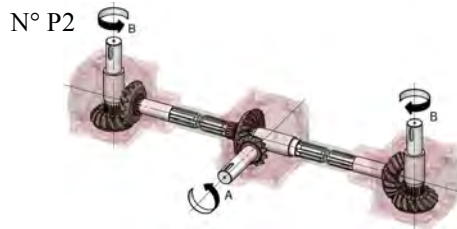


A
1"3/8 (6) - 1"3/4 (6)
1"3/4 (20)

B
 $\varnothing 45$ (16) - $\varnothing 55$ (20)
 $\varnothing 45$ - $\varnothing 50$

Angle variable / Variable angle

1.5 L x3
TM80W90



142 KG

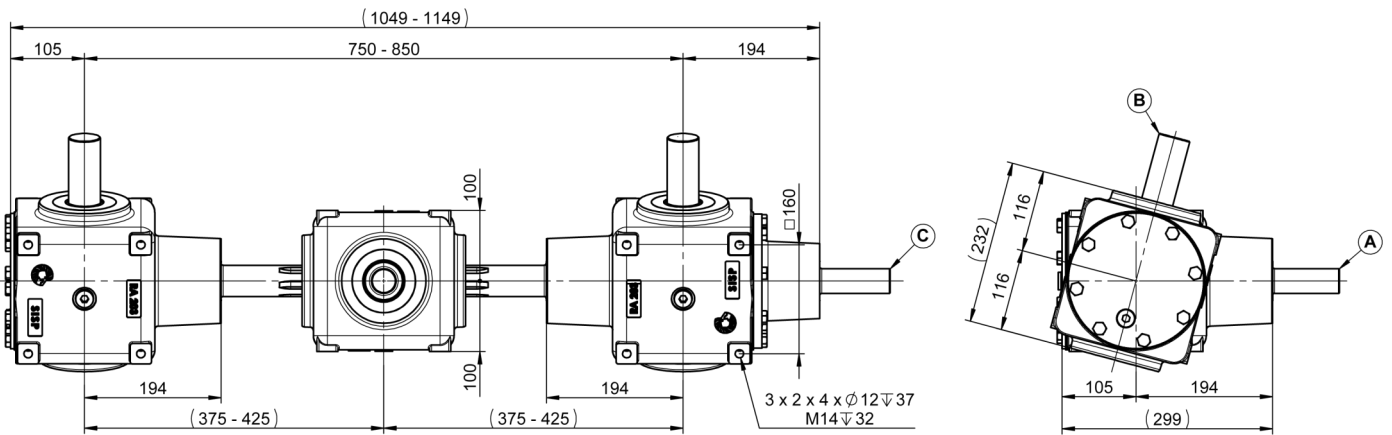
ENTRAXE VARIABLE 850 A 1260MM / VARIABLE ENTRAXE FROM 850 TO 1260 MM						
RAPPORT RATIO	T/MN - RPM	A			B	
		CV - HP	KW	NM	T/MN - RPM	NM
1/1	540	156	115	2072	540	2072
1/1.35		155	114	2060	399	2787
1/1.54		125	92	1652	351	2542
1/1.83		102	75	1346	295	2467
1/1.35	1000	265	195	1900	739	2571
1/1.54		213	157	1528	650	2351
1/1.83		175	128	1250	545	2292
1/2.48		129	95	922	403	2288
1/3.36		101	74	720	298	2420



RA203 ENSEMBLE DE TROIS BOITERS

RA203 SET OF THREE GEARBOXES

750 - 850 MM + Lateral Output



A
1"3/8 (6) - 1"3/4 (6)
1"3/4 (20)

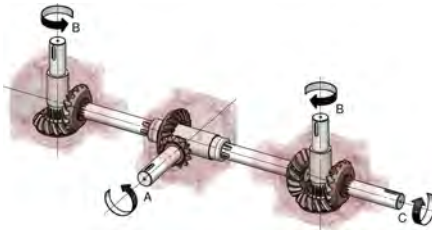
B
Ø45 (16) - Ø55 (20)
Ø45 - Ø50

C
1"3/8 (6) - 1"3/4 (6)

Angle variable / Variable angle

1.5 Lx3
TM80W90

N° P5



142 KG

ENTRAXE VARIABLE 750 A 850 MM / VARIABLE ENTRAXE FROM 750 TO 850 MM

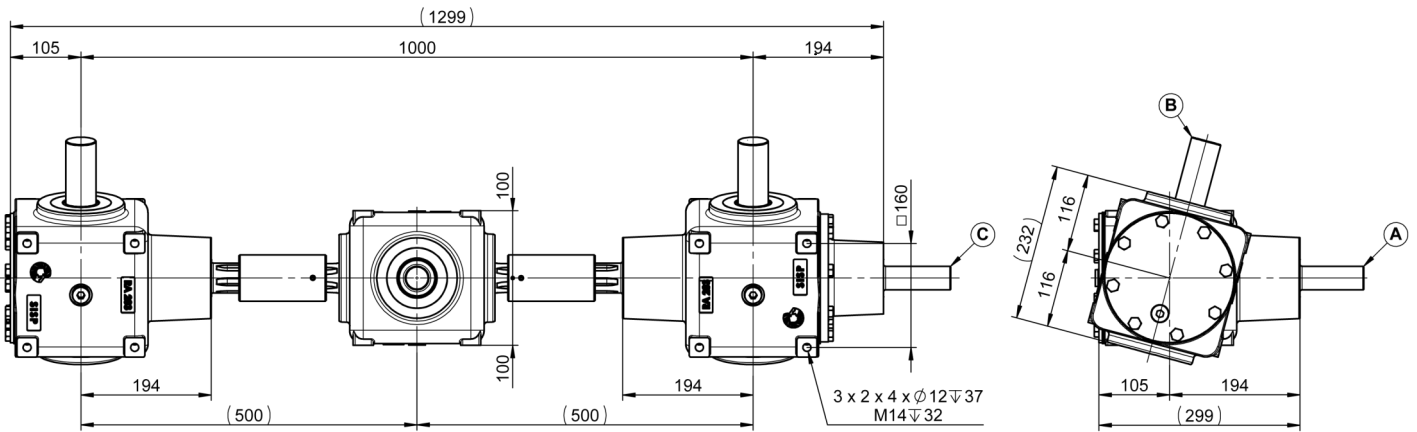
RAPPORT RATIO	T/MN - RPM	A			B		C	
		CV - HP	KW	NM	T/MN - RPM	NM	T/MN - RPM	NM
1/1	540	156	115	2072	540	2072	540	1761
1/1.35		155	114	2060	399	2787	540	1751
1/1.54		125	92	1652	351	2542	540	1404
1/1.83		102	75	1346	295	2467	540	1144
1/1.35	1000	265	195	1900	739	2571	1000	1615
1/1.54		213	157	1528	650	2351	1000	1299
1/1.83		175	128	1250	545	2292	1000	1063
1/2.48		129	95	922	403	2288	739	1061
1/3.36		101	74	720	298	2420	545	1122



RA203 ENSEMBLE DE TROIS BOITERS

RA203 SET OF THREE GEARBOXES

1000 MM + Lateral Output



A
1"3/8 (6) - 1"3/4 (6)
1"3/4 (20)

B
Ø45 (16) - Ø55 (20)
Ø45 - Ø50

C
1"3/8 (6) - 1"3/4 (6)

Angle variable / Variable angle

1.5 L x3
TM80W90



142 KG

ENTRAXE 1000 MM / ENTRAXE 1000 MM

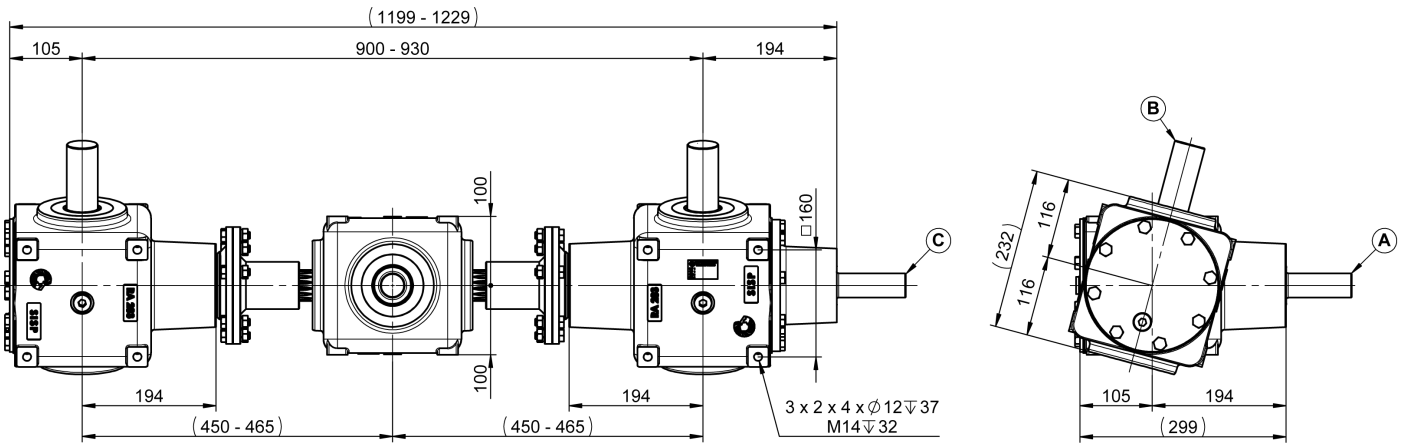
RAPPORT RATIO	T/MN - RPM	A			B		C	
		CV - HP	KW	NM	T/MN - RPM	NM	T/MN - RPM	NM
1/1	540	156	115	2072	540	2072	540	1761
1/1.35		155	114	2060	399	2787	540	1751
1/1.54		125	92	1652	351	2542	540	1404
1/1.83		102	75	1346	295	2467	540	1144
1/1.35	1000	265	195	1900	739	2571	1000	1615
1/1.54		213	157	1528	650	2351	1000	1299
1/1.83		175	128	1250	545	2292	1000	1063
1/2.48		129	95	922	403	2288	739	1061
1/3.36		101	74	720	298	2420	545	1122



RA203 ENSEMBLE DE TROIS BOITIERIS

RA203 SET OF THREE GEARBOXES

900 - 930 MM + Lateral Output



A
1"3/8 (6) - 1"3/4 (6)
1"3/4 (20)

B
Ø45 (16) - Ø55 (20)
Ø45 - Ø50

C
1"3/8 (6) - 1"3/4 (6)

Angle variable / Variable angle

1.5 L x3
TM80W90



142 KG

ENTRAXE VARIABLE 900 A 930 MM / VARIABLE ENTRAXE FROM 900 TO 930 MM

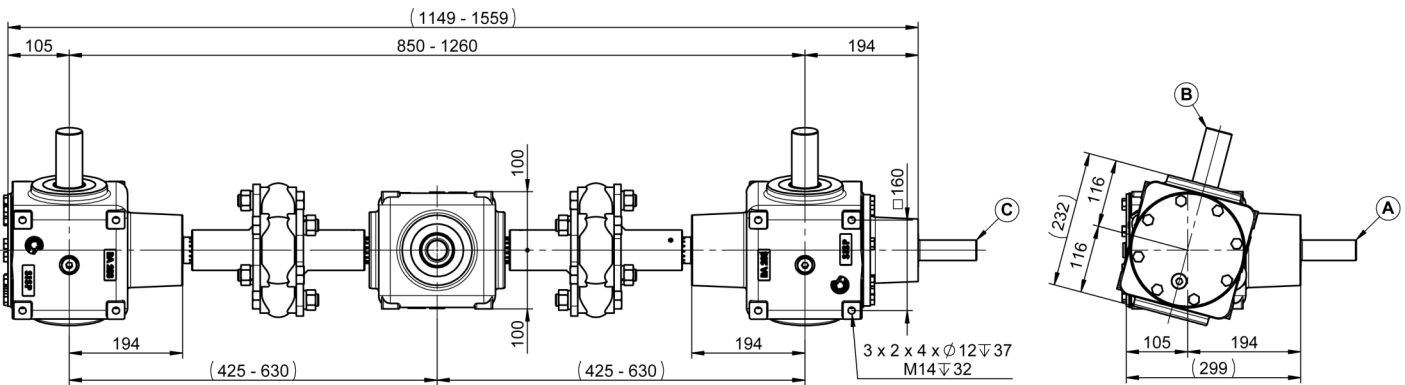
RAPPORT RATIO	T/MN - RPM	A			B		C	
		CV - HP	KW	NM	T/MN - RPM	NM	T/MN - RPM	NM
1/1	540	156	115	2072	540	2072	540	1761
1/1.35		155	114	2060	399	2787	540	1751
1/1.54		125	92	1652	351	2542	540	1404
1/1.83		102	75	1346	295	2467	540	1144
1/1.35	1000	265	195	1900	739	2571	1000	1615
1/1.54		213	157	1528	650	2351	1000	1299
1/1.83		175	128	1250	545	2292	1000	1063
1/2.48		129	95	922	403	2288	739	1061
1/3.36		101	74	720	298	2420	545	1122



RA203 ENSEMBLE DE TROIS BOITERS

RA203 SET OF THREE GEARBOXES

850 - 1260 MM + Lateral Output




A
1 3/8 (6) - 1 3/4 (6)
1 3/4 (20)

B
Ø45 (16) - Ø55 (20)
Ø45 - Ø50

C
1 3/8 (6) - 1 3/4 (6)

Angle variable / Variable angle


1.5 L x3
TM80W90




142 KG

ENTRAXE VARIABLE 850 A 1260 MM / VARIABLE ENTRAXE FROM 850 TO 1260 MM

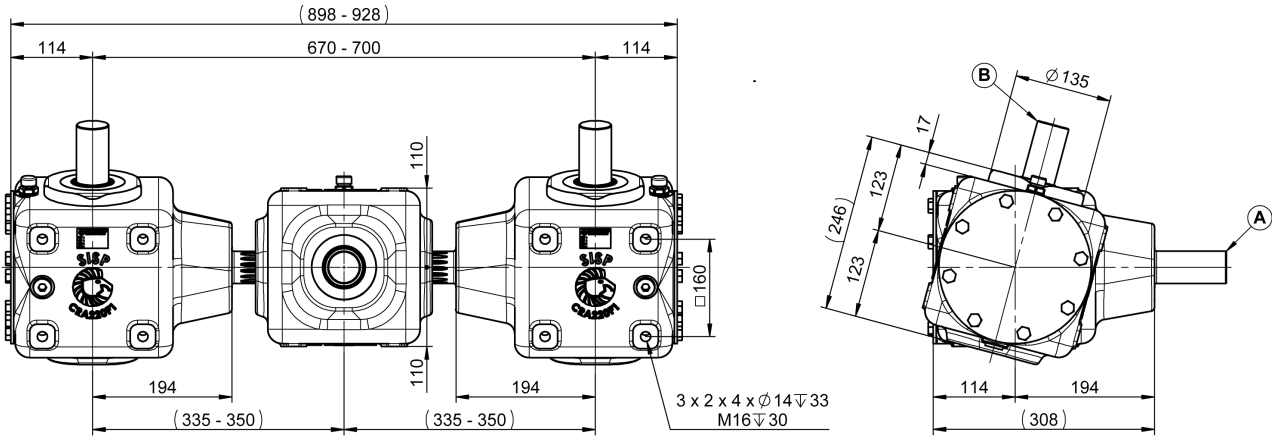
RAPPORT RATIO	T/MN - RPM	A			B		C	
		CV - HP	KW	NM	T/MN - RPM	NM	T/MN - RPM	NM
1/1	540	156	115	2072	540	2072	540	1761
1/1.35		155	114	2060	399	2787	540	1751
1/1.54		125	92	1652	351	2542	540	1404
1/1.83		102	75	1346	295	2467	540	1144
1/1.35	1000	265	195	1900	739	2571	1000	1615
1/1.54		213	157	1528	650	2351	1000	1299
1/1.83		175	128	1250	545	2292	1000	1063
1/2.48		129	95	922	403	2288	739	1061
1/3.36		101	74	720	298	2420	545	1122



RA220 ENSEMBLE DE TROIS BOITIERIS

RA220 SET OF THREE GEARBOXES

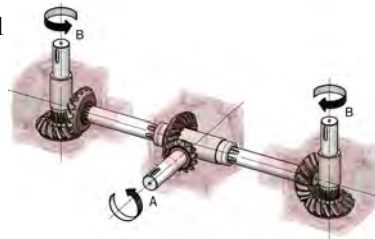
670 - 700 MM



2 L x3
TM80W90

A N° P1
1"3/8 (6) - 1"3/4 (6)
1"3/4 (20)

B
Ø45 (16) - Ø55 (20)
Ø45 - Ø50



Angle variable / Variable angle

140 KG

ENTRAXE VARIABLE 670 A 700 MM STANDARD / VARIABLE ENTRAXE FROM 670 TO 700 MM STANDARD

RAPPORT RATIO	A				B	
	T/MN - RPM	CV - HP	KW	NM	T/MN - RPM	NM
1/1.29	540	139	102	1841	420	2367
1/1.54		124	91	1638	351	2520
1/2.08		95	70	1259	259	2620
1/1.54	1000	169	124	1209	650	1860
1/2.08		162	119	1160	480	2414
1/2.37		144	106	1033	423	2445
1/2.81		126	92	899	355	2535

ENTRAXE VARIABLE 670 A 700 MM RENFORCE / VARIABLE ENTRAXE FROM 670 TO 700 MM REINFORCED

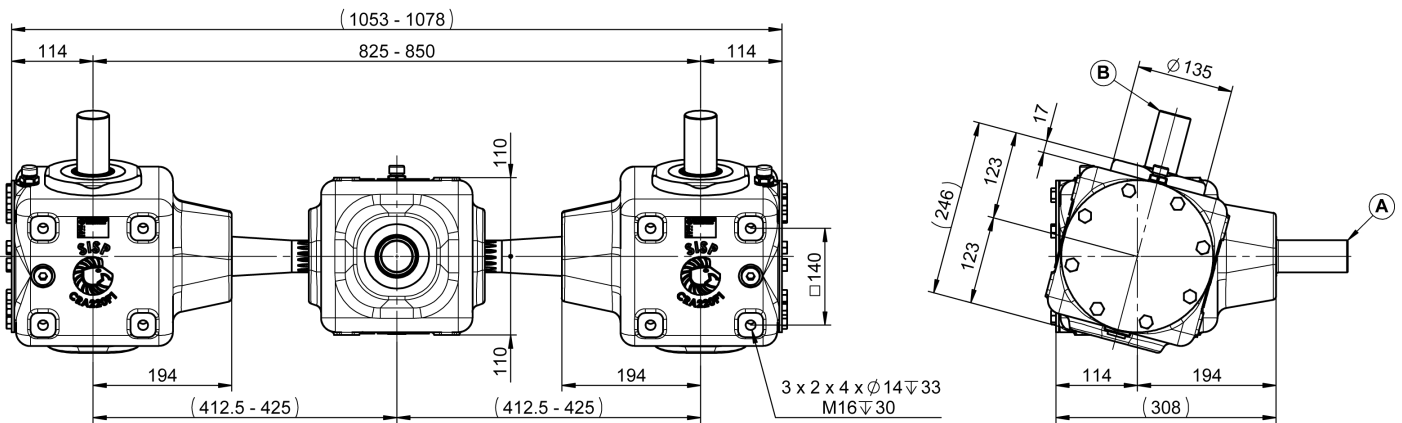
1/1.54	540	165	121	2188	351	3366
1/2.08		127	94	1684	259	3505
1/1.54	1000	225	166	1611	650	2478
1/2.08		216	159	1547	480	3219
1/2.37		192	141	1375	423	3254
1/2.81		168	124	1203	355	3393



RA220 ENSEMBLE DE TROIS BOITIERIS

RA220 SET OF THREE GEARBOXES

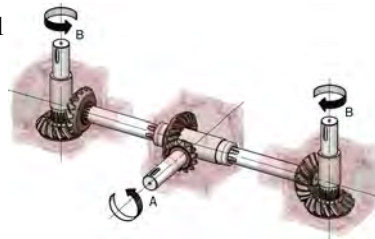
825 - 850 MM



2 L x3
TM80W90

A N° P1
1"3/8 (6) - 1"3/4 (6)
1"3/4 (20)

B
Ø45 (16) - Ø55 (20)
Ø45 - Ø50



Angle variable / Variable angle

142 KG

ENTRAXE VARIABLE 825 A 850 MM STANDARD / VARIABLE ENTRAXE FROM 825 TO 850 MM STANDARD

RAPPORT RATIO	A				B	
	T/MN - RPM	CV - HP	KW	NM	T/MN - RPM	NM
1/1.29	540	139	102	1841	420	2367
1/1.54		124	91	1638	351	2520
1/2.08		95	70	1259	259	2620
1/1.54	1000	169	124	1209	650	1860
1/2.08		162	119	1160	480	2414
1/2.37		144	106	1033	423	2445
1/2.81		126	92	899	355	2535

ENTRAXE VARIABLE 825 A 850 MM RENFORCE / VARIABLE ENTRAXE FROM 825 TO 850 MM REINFORCED

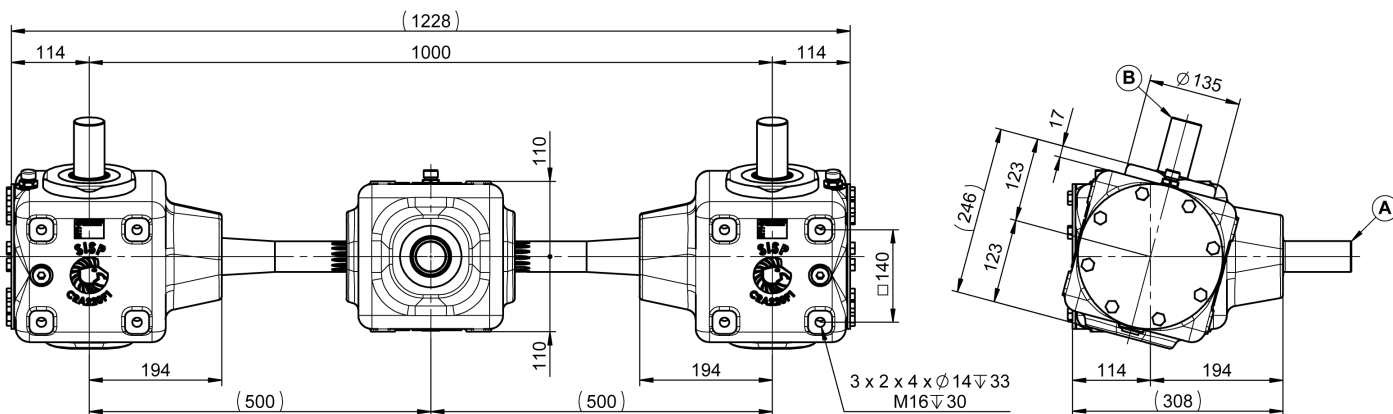
1/1.54	540	165	121	2188	351	3366
1/2.08		127	94	1684	259	3505
1/1.54	1000	225	166	1611	650	2478
1/2.08		216	159	1547	480	3219
1/2.37		192	141	1375	423	3254
1/2.81		168	124	1203	355	3393



RA220 ENSEMBLE DE TROIS BOITERS

RA220 SET OF THREE GEARBOXES

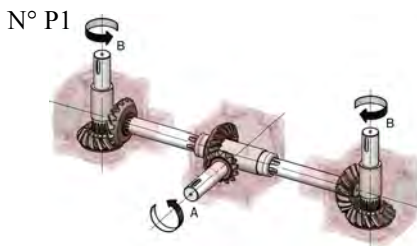
1000 MM



2 L x3
TM80W90

A
1"3/8 (6) - 1"3/4 (6)
1"3/4 (20)

B
Ø45 (16) - Ø55 (20)
Ø45 - Ø50



Angle variable / Variable angle

144 KG

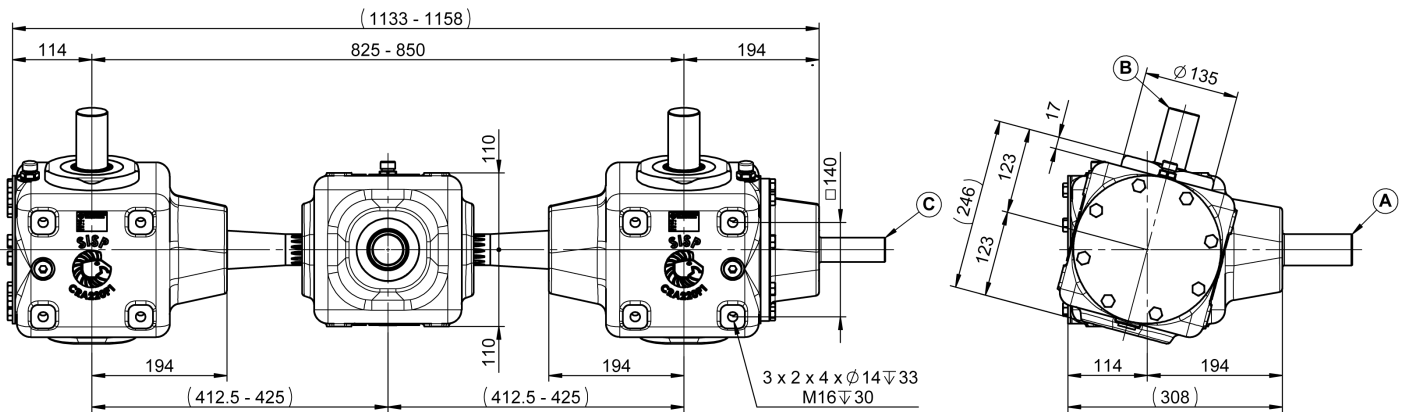
ENTRAXE 1000 MM STANDARD / ENTRAXE 1000 MM STANDARD							
RAPPORT RATIO	T/MN - RPM	CV - HP	A	KW	NM	B	
						T/MN - RPM	NM
1/1.29	540	139	102	1841	1841	420	2367
1/1.54		124	91	1638	1638	351	2520
1/2.08		95	70	1259	1259	259	2620
1/1.54	1000	169	124	1209	1209	650	1860
1/2.08		162	119	1160	1160	480	2414
1/2.37		144	106	1033	1033	423	2445
1/2.81		126	92	899	899	355	2535
ENTRAXE 1000 MM RENFORCE / ENTRAXE 1000 MM REINFORCED							
1/1.54	540	165	121	2188	2188	351	3366
1/2.08		127	94	1684	1684	259	3505
1/1.54	1000	225	166	1611	1611	650	2478
1/2.08		216	159	1547	1547	480	3219
1/2.37		192	141	1375	1375	423	3254
1/2.81		168	124	1203	1203	355	3393



RA220 ENSEMBLE DE TROIS BOITIERIS

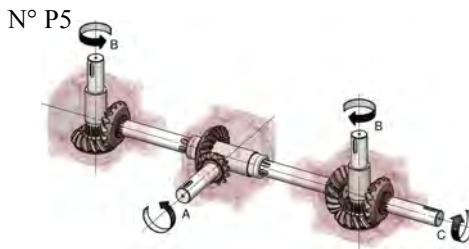
RA220 SET OF THREE GEARBOXES

825 - 850 MM + Lateral Output



A
1"3/8 (6) - 1"3/4 (6)
1"3/4 (20)

B
Ø45 (16) - Ø55 (20)
Ø45 - Ø50



Angle variable / Variable angle

C
1"3/8 (6) - 1"3/4 (6)



ENTRAXE VARIABLE 825 A 850 MM STANDARD / VARIABLE ENTRAXE FROM 825 TO 850 MM STANDARD

RAPPOR RATIO	T/MN - RPM	A			B		C	
		CV - HP	KW	NM	T/MN - RPM	NM	T/MN - RPM	NM
1/1.29	540	139	102	1841	420	2367	540	1565
1/1.54		124	91	1638	351	2520	540	1393
1/2.08		95	70	1259	259	2620	399	1448
1/1.54	1000	169	124	1209	650	1860	1000	1028
1/2.08		162	119	1160	480	2414	739	1333
1/2.37		144	106	1033	423	2445	650	1351
1/2.81		126	92	899	355	2535	545	1401

ENTRAXE VARIABLE 825 A 850 MM RENFORCE / VARIABLE ENTRAXE FROM 825 TO 850 MM REINFORCED

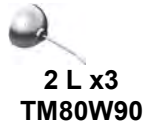
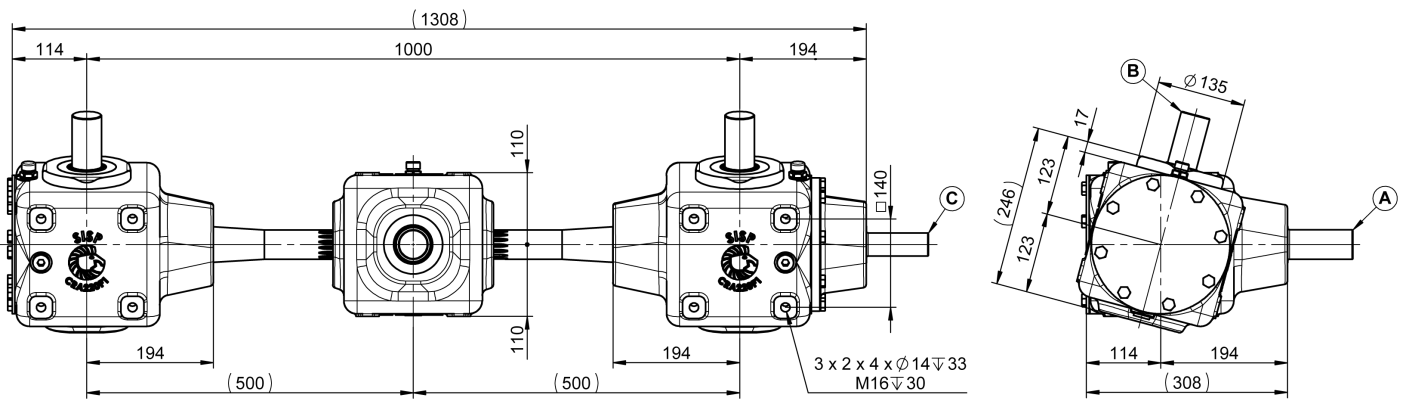
1/1.54	540	165	121	2188	351	3366	540	1859
1/2.08		127	94	1684	259	3505	399	1779
1/1.54	1000	225	166	1611	650	2478	1000	1369
1/2.08		216	159	1547	480	3219	739	1779
1/2.37		192	141	1375	423	3254	650	1798
1/2.81		168	124	1203	355	3393	545	1875



RA220 ENSEMBLE DE TROIS BOITERS

RA220 SET OF THREE GEARBOXES

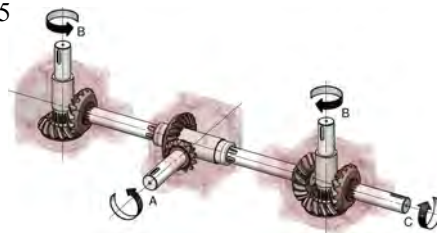
1000 MM + Lateral Output



A
1"3/8 (6) - 1"3/4 (6)
1"3/4 (20)

B
 $\varnothing 45$ (16) - $\varnothing 55$ (20)
 $\varnothing 45$ - $\varnothing 50$

N° P5



Angle variable / Variable angle

C
1"3/8 (6) - 1"3/4 (6)



ENTRAXE 1000 MM STANDARD / ENTRAXE 1000 MM STANDARD

RAPPORT RATIO	A				B		C	
	T/MN - RPM	CV - HP	KW	NM	T/MN - RPM	NM	T/MN - RPM	NM
1/1.29	540	139	102	1841	420	2367	540	1565
1/1.54		124	91	1638	351	2520	540	1393
1/2.08		95	70	1259	259	2620	399	1448
1/1.54	1000	169	124	1209	650	1860	1000	1028
1/2.08		162	119	1160	480	2414	739	1333
1/2.37		144	106	1033	423	2445	650	1351
1/2.81		126	92	899	355	2535	545	1401

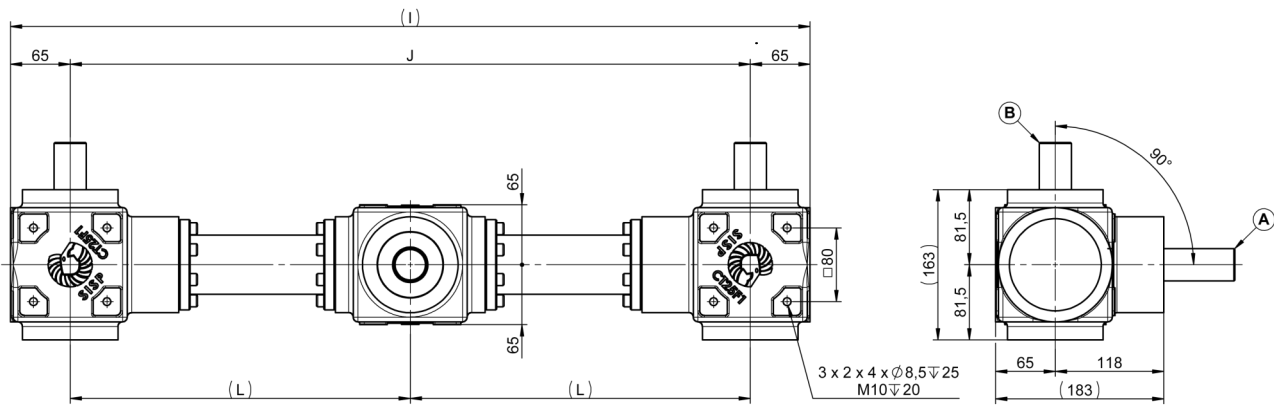
ENTRAXE 1000 MM RENFORCE / ENTRAXE 1000 MM REINFORCED

1/1.54	540	165	121	2188	351	3366	540	1859
1/2.08		127	94	1684	259	3505	399	1779
1/1.54	1000	225	166	1611	650	2478	1000	1369
1/2.08		216	159	1547	480	3219	739	1779
1/2.37		192	141	1375	423	3254	650	1798
1/2.81		168	124	1203	355	3393	545	1875



T25 POUTRE MONOBLOC

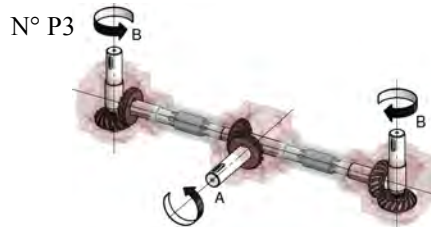
T25 MONOBLOC GEARBOX



A
1"3/8 (6)

B
Ø35 (18), (19) - Ø32

0.4 L x3
TM80W90



47 KG

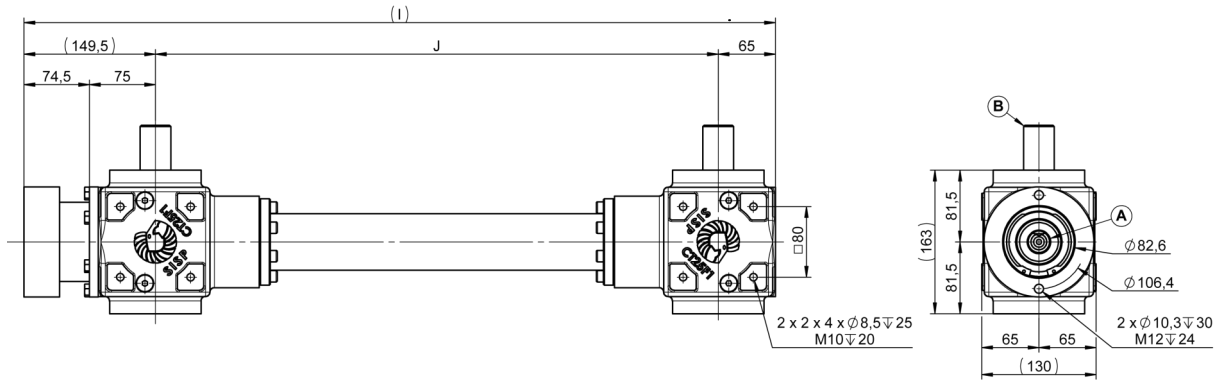
ENTRAXE DISPONIBLE 720 - 740 - 780 MM / ENTRAXE AVAILABLE 720 - 740 - 780 MM										
ENTRAXE J MM	I MM	L MM	RAPPORT RATIO	T/MN - RPM	A			B		ANGLE
					CV - HP	KW	NM	T/MN - RPM	NM	
720	850	360	1.24/1	540	42	31	560	667	453	90°
			1.47/1		50	37	663	796	450	
740	870	370	1/1		37	28	495	540	495	
780	910	390	1/1.24	1000	48	36	345	810	426	



T25 POUTRE HYDRAULIQUE

T25 HYDRAULIC GEARBOX

ENTRAXE 640 - 720 - 740 - 780 MM



A
Ø25

B
Ø35 (18), (19) - Ø32

0.4 L x2
TM80W90

N° P7



47 KG

ENTRAXE DISPONIBLE 640 - 720 - 740 - 780 MM / ENTRAXE AVAILABLE 640 - 720 - 740 - 780 MM

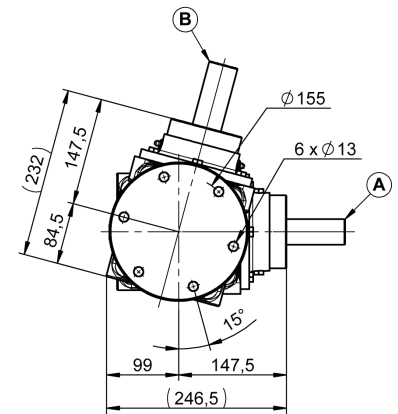
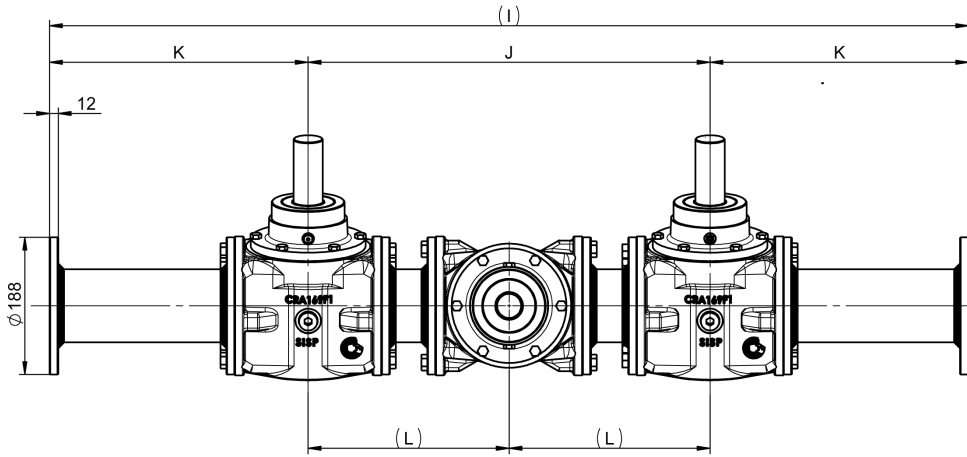
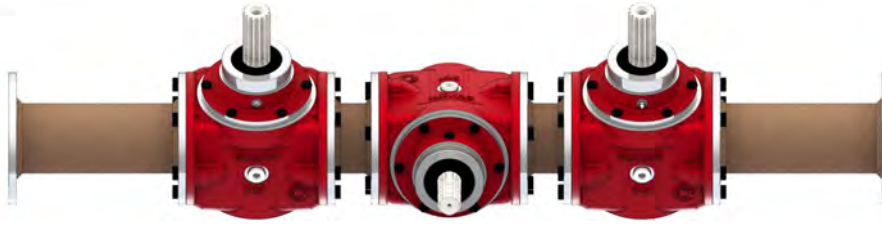
ENTRAXE J MM	I MM	RAPPORT RATIO	A				B		ANGLE
			T/MN - RPM	CV - HP	KW	NM	T/MN - RPM	NM	
640	854.5	1/1.21	540	39	29	514	445	624	75°
		1/1.5		23	17	310	360	465	
720	934.5	1/1		32	23	421	540	421	
740	954.5	1.21/1		52	38	684	656	564	
780	994.5	1.5/1		30	22	397	810	264	



RA169 POUTRE MONOBLOC

RA169 MONOBLOC GEARBOX

ENTRAXE 550 - 600 - 650 MM



A
1"3/8 (6)

B
1"3/4 (6) - Ø45 (16)

*Autres angles disponibles
*Other angles available

4.5 L
TM80W90

N° P10



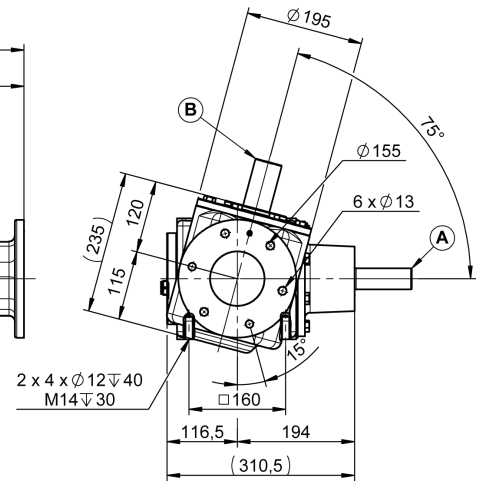
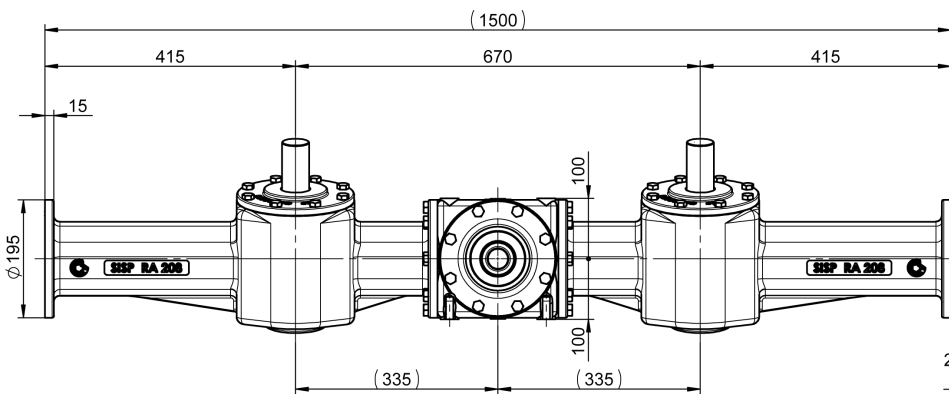
107 KG

ENTRAXE DISPONIBLE 550 - 600 - 650 MM / ENTRAXE AVAILABLE 720 - 740 - 780 MM

ENTRAXE J MM	I MM	K MM	RAPPORT RATIO	A				B		ANGLE
				T/MN - RPM	CV - HP	KW	NM	T/MN - RPM	NM	
550	1258	354	1/1	540	89	66	1184	540	1184	75° *
			1/1.34		69	51	914	402	1227	
600	1300	350	1/1.93		47	35	627	281	1208	
650	1400	375		1000	82	60	586	519	1129	



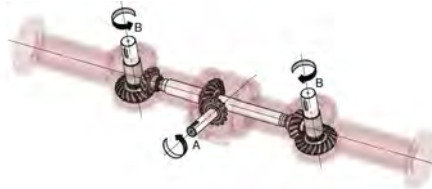
RA208 POUTRE MONOBLOC
RA208 MONOBLOC GEARBOX
ENTRAXE 670 MM



A
1"3/8 (6) - 1"3/4 (6)
1"3/4 (20)

B
1"3/4 (6) - Ø45 (16)

N° P4



7.5 L
TM80W90

127 KG

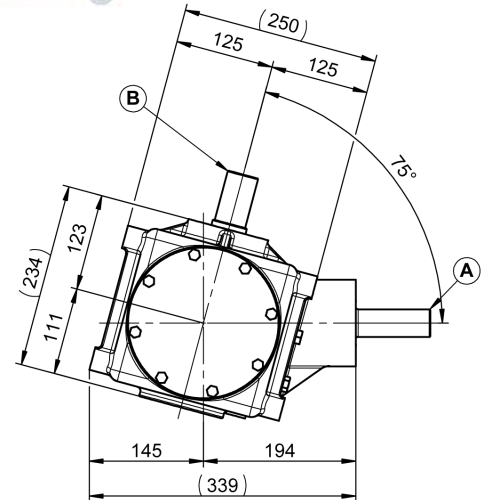
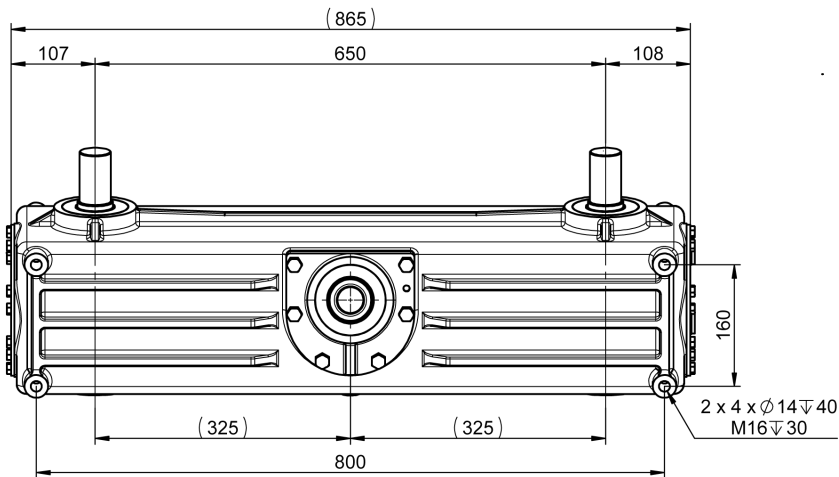
ENTRAXE 670 MM							
RAPPORT RATIO	T/MN - RPM	CV - HP	A	KW	NM	B	ANGLE
1/1	540	110	81	1459	540	1459	75°
1/1.27		108	79	1429	426	1810	
1/1.54		96	71	1271	351	1955	
1/2.08		74	55	982	259	2045	
1/1.54	1000	140	103	1005	650	1547	
1/2.08		134	99	961	480	2001	
1/2.37		119	88	853	423	2018	
1/2.82		104	77	744	355	2099	



RD650 POUTRE MONOBLOC

RD650 MONOBLOC GEARBOX

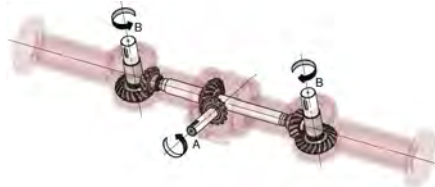
ENTRAXE 650 MM



A
1"3/8 (6) - 1"3/4 (6)
1"3/4 (20)

B
Ø40 - Ø45 (16)

N° P4



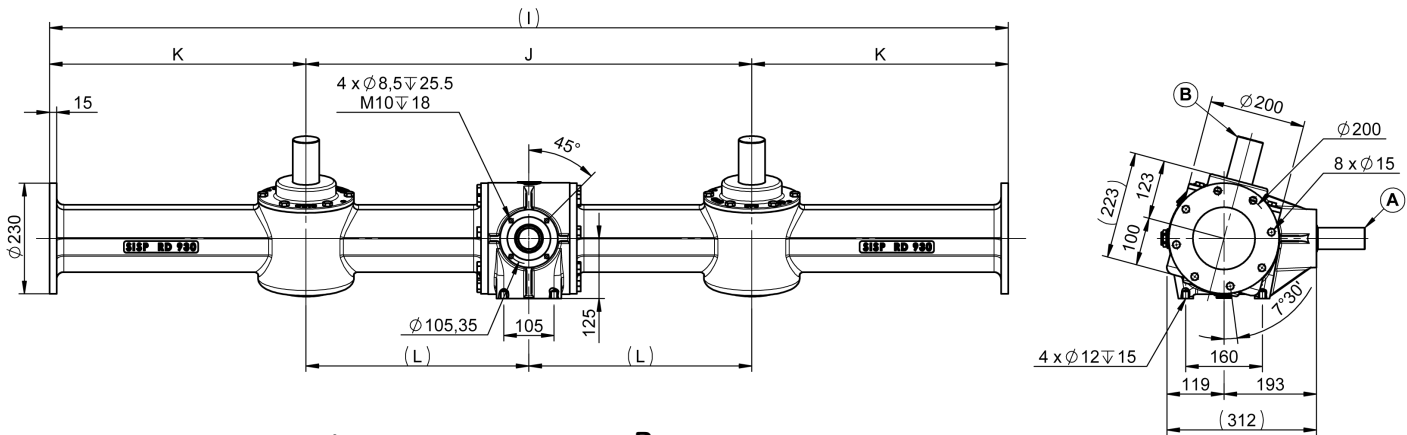
8.5 L
TM80W90

135 KG

ENTRAXE 650 MM							
RAPPORT RATIO	T/MN - RPM	A			B		ANGLE
		CV - HP	KW	NM	T/MN - RPM	NM	
1/1	540	113	83	1468	540	1468	75°
1/1.27		139	102	1841	426	2332	
1/1.54		124	91	1638	351	2520	
1/2.08		95	70	1259	259	2620	
1/1.54	1000	169	124	1209	650	1860	
1/2.08		162	119	1160	480	2414	
1/2.37		144	106	1033	423	2445	
1/2.82		126	92	899	355	2535	



RD POUTRE MONOBLOC
RD MONOBLOC GEARBOX
 650 - 670 - 780 - 930 - 970 - 1060 - 1100



A
 1"3/8 (6) - 1"3/4 (6)
 1"3/4 (20)

B
 Ø54 (8) 46X54X9
 Ø55 (20)

*Autres angles disponibles
 *Other angles available

Dimensions par référence / Dimensions by reference						
Ref. / Dimension	I (mm)	J (mm)	K (mm)	L (mm)	Huile / Oil (l)	Poids / Weight (kg)
RD650	1430	650	390	325	6.8	148
RD670	1500	670	415	335	6.4	150
RD780	1710	780	465	390	6.8	160
RD930	2000	930	535	465	7.4	170
RD970	2100	970	565	485	7.6	175
RD1060	2190	1060	565	530	8	185
RD1100	1710	1100	305	550	8	166



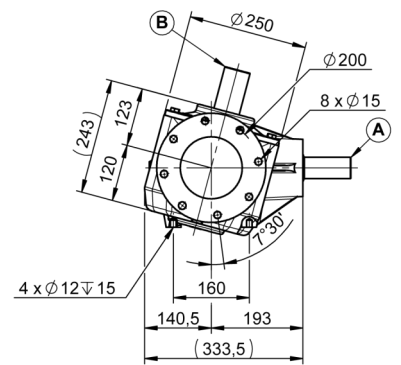
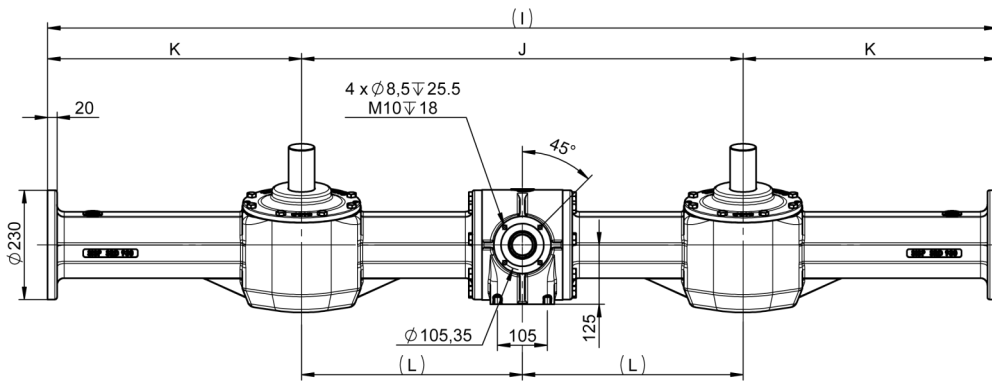
COUPLE ET PUISSANCE RD / TORQUE AND POWER RD							
RAPPORT RATIO	T/MN - RPM	A			B		ANGLE
		CV - HP	KW	NM	T/MN - RPM	NM	
1/1.27	540	139	102	1841	426	2332	75° *
1/1.54		124	91	1638	351	2520	
1/1.98		99	73	1312	273	2595	
1/2.08		95	70	1259	259	2620	
1/1.54	1000	169	124	1209	650	1860	
1/1.98		162	119	1159	506	2293	
1/2.08		162	119	1160	480	2414	
1/2.37		144	106	1033	423	2445	
1/2.82		126	92	899	355	2535	



SRD POUTRE MONOBLOC

SRD MONOBLOC GEARBOX

780 - 930 - 970 - 1060 - 1100



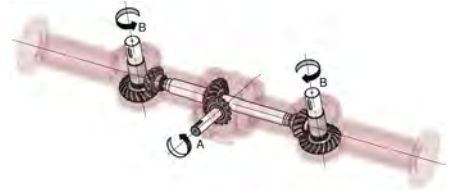
A
1"3/8 (6) - 1"3/4 (6)

B
Ø54 (8) 46X54X9

*Autres angles disponibles
*Other angles available

Dimensions par référence / Dimensions by reference						
Ref. / Dimension	I (mm)	J (mm)	K (mm)	L (mm)	Huile / Oil (l)	Poids / Weight (kg)
SRD780	1710	780	465	390	10	180
SRD930	2000	930	535	465	10.5	206
SRD970	2100	970	565	485	11	208
SRD1060	2190	1060	565	530	11.3	215
SRD1100	1710	1100	305	550	11.3	192

N° P4



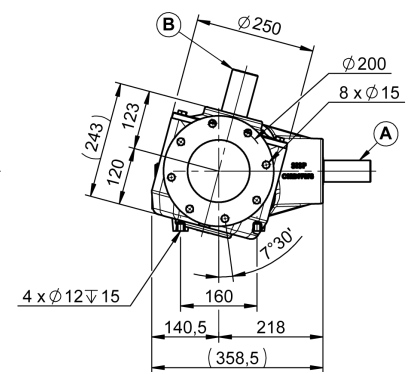
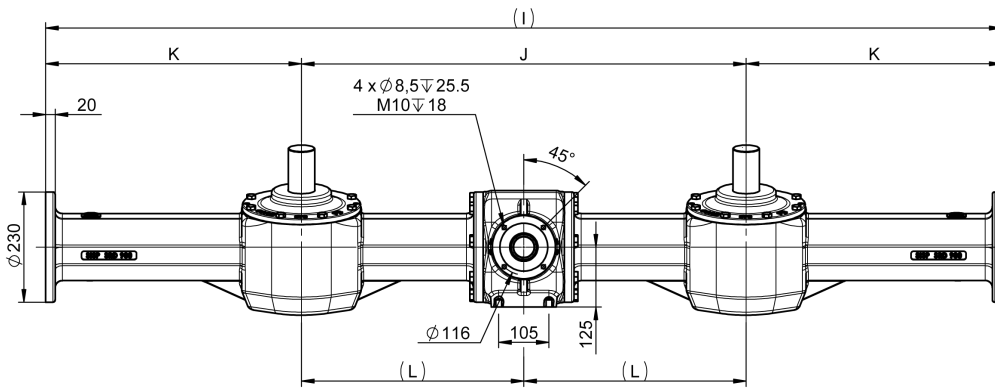
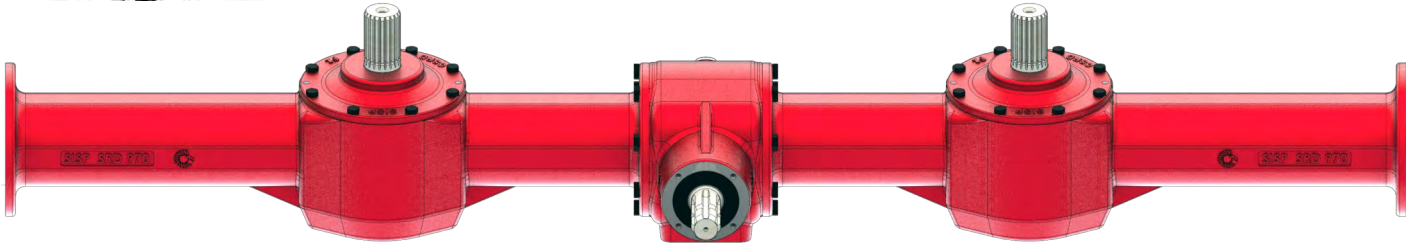
COUPLE ET PUISSANCE SRD / TORQUE AND POWER SRD							
RAPPORT RATIO	T/MN - RPM	A			B		ANGLE
		CV - HP	KW	NM	T/MN - RPM	NM	
1/1.54	540	165	121	2188	351	3366	75° *
1/1.98		137	101	1820	273	3600	
1/2.08		127	93	1684	259	3505	
1/1.54	1000	225	166	1611	650	2478	
1/1.98		203	149	1452	506	2872	
1/2.08		216	159	1547	480	3219	
1/2.37		192	141	1375	423	3254	
1/2.82		168	124	1203	355	3393	



SRDR POUTRE MONOBLOC

SRDR MONOBLOC GEARBOX

780 - 930 - 970 - 1060 - 1100



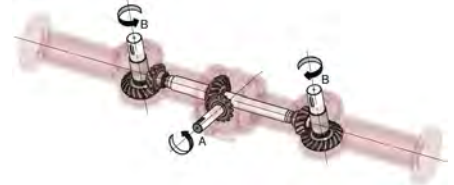
A
1"3/8 (6) - 1"3/4 (6)
1"3/4 (20)

B
Ø54 (8) 46X54X9
Ø55 (20)

*Autres angles disponibles
*Other angles available

Dimensions par référence / Dimensions by reference						
Ref. / Dimension	I (mm)	J (mm)	K (mm)	L (mm)	Huile / Oil (l)	Poids / Weight (kg)
SRDR780	1710	780	465	390	10	205
SRDR930	2000	930	535	465	10.5	211
SRDR970	2100	970	565	485	11	212
SRDR1060	2190	1060	565	530	11.3	230
SRDR1100	1710	1100	305	550	11.3	212

N° P4



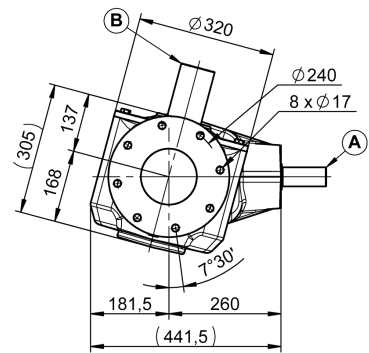
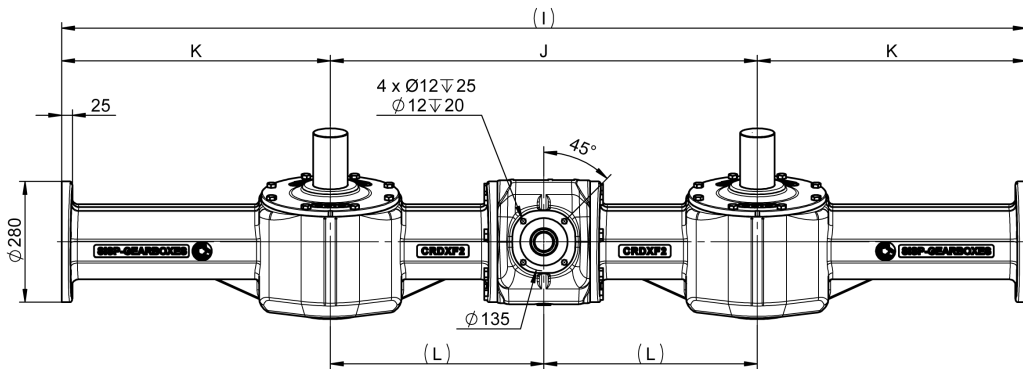
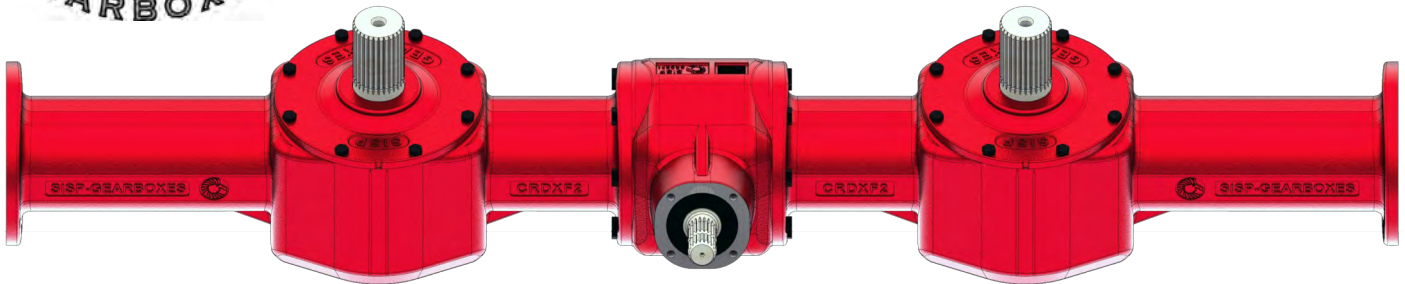
COUPLE ET PUISSANCE SRDR / TORQUE AND POWER SRDR							
RAPPORT RATIO	T/MN - RPM	A			B		ANGLE
		CV - HP	KW	NM	T/MN - RPM	NM	
1/1.54	540	206	152	2731	351	4202	75°*
1/2.08		159	117	2108	259	4388	
1/1.54	1000	281	207	2012	650	3095	
1/2.08		270	199	1933	480	4024	
1/2.37		240	177	1718	423	4067	
1/2.82		210	155	1504	355	4241	



RDX POUTRE MONOBLOC

RDX MONOBLOC GEARBOX

970 - 990



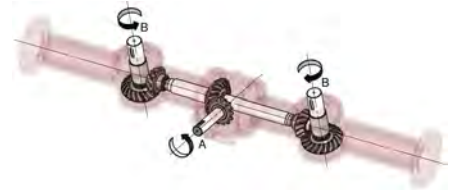
A
1"3/4 (20)
2"1/4 (22)

B
Ø80(30)

*Autres angles disponibles
*Other angles available

Dimensions par référence / Dimensions by reference						
Ref. / Dimension	I (mm)	J (mm)	K (mm)	L (mm)	Huile / Oil (l)	Poids / Weight (kg)
RDX970	2100	970	565	485	20	390
RDX990	2130	990	570	495	20	399

N° P4



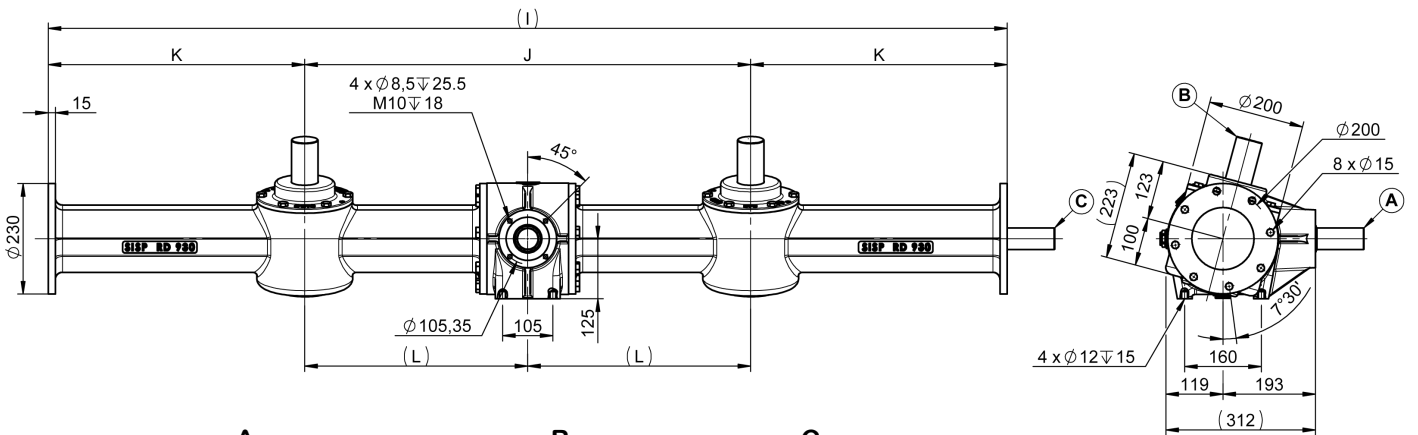
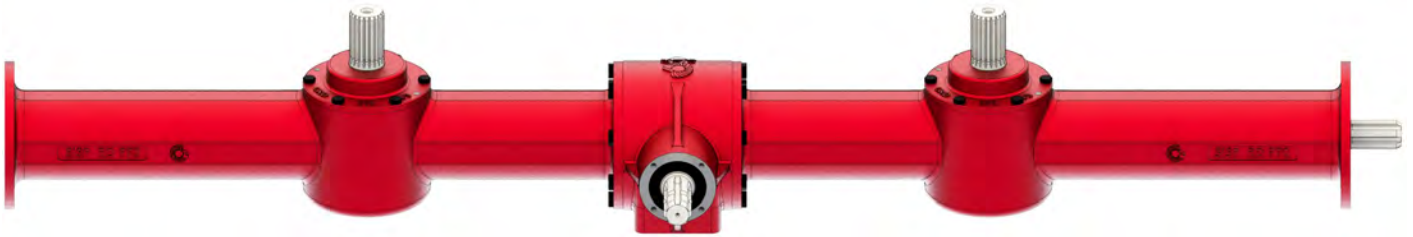
COUPLE ET PUISSANCE RDX / TORQUE AND POWER RDX							
RAPPORT RATIO	T/MN - RPM	A			B		ANGLE
		CV - HP	KW	NM	T/MN - RPM	NM	
1/1.53	540	320	236	4245	352	6509	75° *
1/2.07		252	186	3346	260	6942	
1/1.53	1000	436	321	3121	652	4785	
1/2.07		429	316	3069	482	6368	
1/2.36		400	295	2865	424	6758	
1/2.83		377	278	2700	353	7643	



RDL POUTRE MONOBLOC

RDL MONOBLOC GEARBOX

780 - 930 - 970 - 1060 - 1100

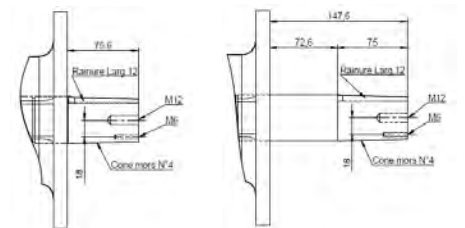


A
1"3/8 (6) - 1"3/4 (6)
1"3/4 (20)

B
Ø54 (8) 46X54X9
Ø55 (20)

C
1"3/4 (6)

Option : Sortie C Ø50 conique / Conical output C Ø50



N° P8



Dimensions par référence / Dimensions by reference						
Ref. / Dimension	I (mm)	J (mm)	K (mm)	L (mm)	Huile / Oil (l)	Poids / Weight (kg)
RDL780	1710	780	465	390	7.5	170
RDL930	2000	930	535	465	11.5	182
RDL970	2100	970	565	485	12.5	197
RDL1060	2190	1060	565	530	9.5	205
RDL1100	1710	1100	305	550	8.5	172

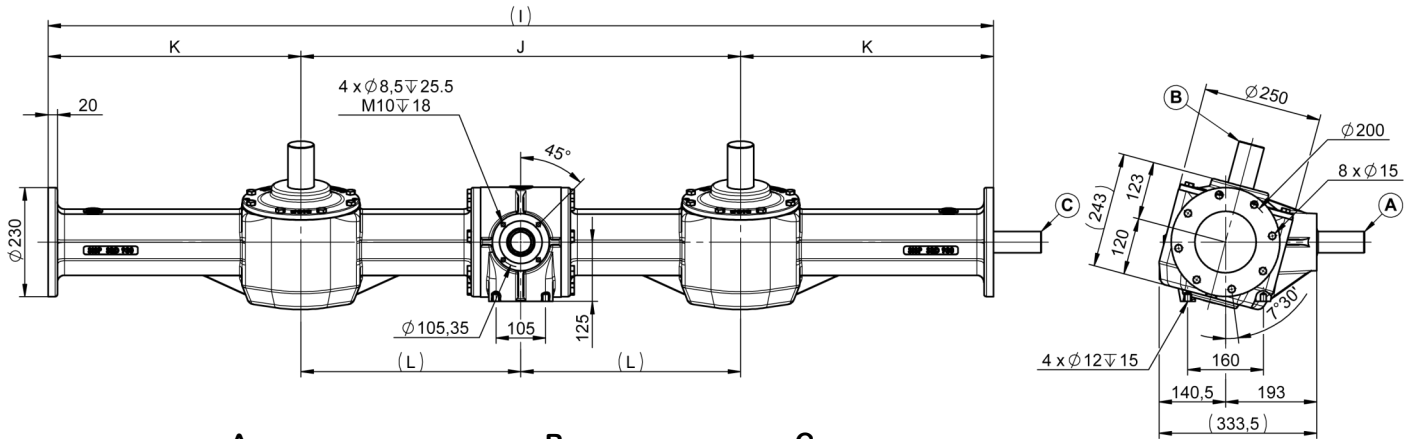
COUPLE ET PUISSANCE RDL / TORQUE AND POWER RDL								
RAPPORT RATIO	T/MN - RPM	A			B		C	
		CV - HP	KW	NM	T/MN - RPM	NM	T/MN - RPM	NM
1/1.27	540	139	102	1841	426	2332	540	1565
1/1.54		124	91	1638	351	2520	540	1392
1/1.98		99	73	1312	273	2595	420	1434
1/2.08		95	70	1259	259	2620	399	1448
1/1.54	1000	169	124	1209	650	1860	1000	1028
1/1.98		162	119	1160	506	2293	778	1267
1/2.08		162	119	1160	480	2414	739	1334
1/2.37		144	106	1033	423	2445	650	1351
1/2.82		126	92	899	355	2535	545	1401



SRDL POUTRE MONOBLOC

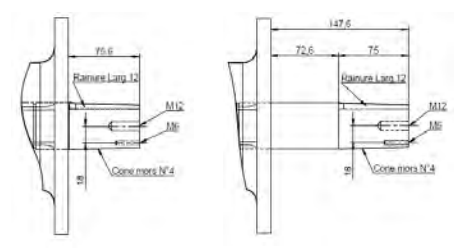
SRDL MONOBLOC GEARBOX

780 - 930 - 970 - 1060 - 1100

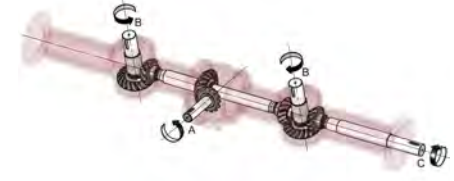


A
1"3/8 (6) - 1"3/4 (6)
1"3/4 (20)
B
Ø54 (8) 46X54X9
Ø55 (20)
C
1"3/4 (6)

Option : Sortie C Ø50 conique / Conical output C Ø50



N° P8



Dimensions par référence / Dimensions by reference						
Reference	I (mm)	J (mm)	K (mm)	L (mm)	Huile / Oil (l)	Poids / Weight (kg)
SRDL780	1710	780	465	390	11	190
SRDL930	2000	930	535	465	12	195
SRDL970	2100	970	565	485	12	215
SRDL1060	2190	1060	565	530	12.5	230
SRDL1100	1710	1100	305	550	11.5	198

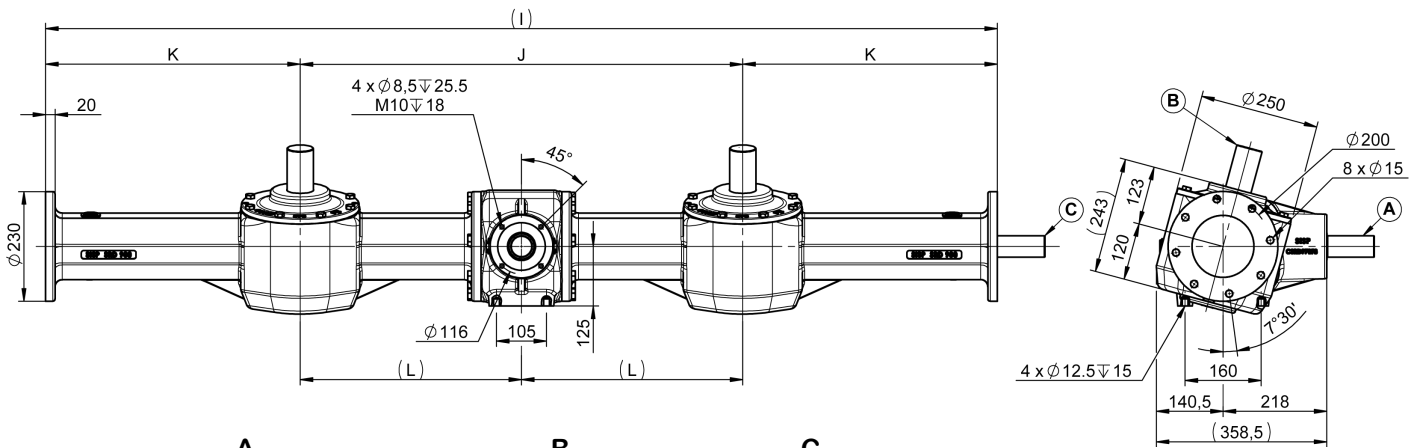
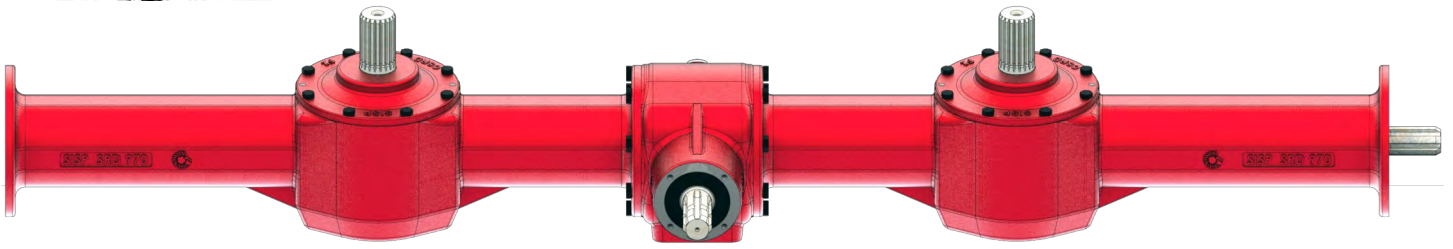
COUPLE ET PUISSANCE SRDL / TORQUE AND POWER SRDL								
RAPPORT RATIO	T/MN - RPM	A			B		C	
		CV - HP	KW	NM	T/MN - RPM	NM	T/MN - RPM	NM
1/1.54	540	165	121	2188	351	3366	540	1860
1/1.98		137	101	1820	273	3600	420	1989
1/2.08		127	94	1684	259	3505	399	1937
1/1.54	1000	225	166	1611	650	2478	1000	1369
1/1.98		203	149	1452	506	2872	778	1587
1/2.08		216	159	1547	480	3219	739	1778
1/2.37		192	141	1375	423	3254	650	1798
1/2.82		168	124	1203	355	3393	545	1875



SRDRL POUTRE MONOBLOC

SRDRL MONOBLOC GEARBOX

780 - 930 - 970 - 1060 - 1100

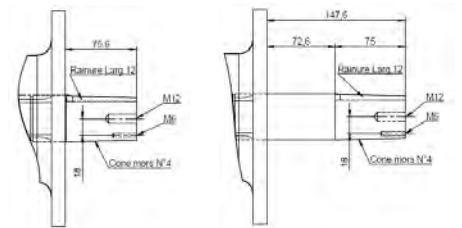


A
1"3/8 (6) - 1"3/4 (6)
1"3/4 (20)

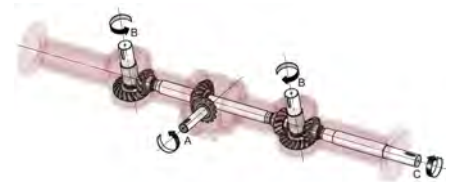
B
Ø54 (8) 46X54X9
Ø55 (20)

C
1"3/4 (6)

Option : Sortie C Ø50 conique / Conical output C Ø50



N° P8



Dimensions par référence / Dimensions by reference						
Reference	I (mm)	J (mm)	K (mm)	L (mm)	Huile / Oil (l)	Poids / Weight (kg)
SRDRL780	1710	780	465	390	11	210
SRDRL930	2000	930	535	465	12	215
SRDRL970	2100	970	565	485	12	225
SRDRL1060	2190	1060	565	530	12.5	245
SRDRL1100	1710	1100	305	550	11.5	220

COUPLE ET PUISSANCE SRDRL / TORQUE AND POWER SRDRL

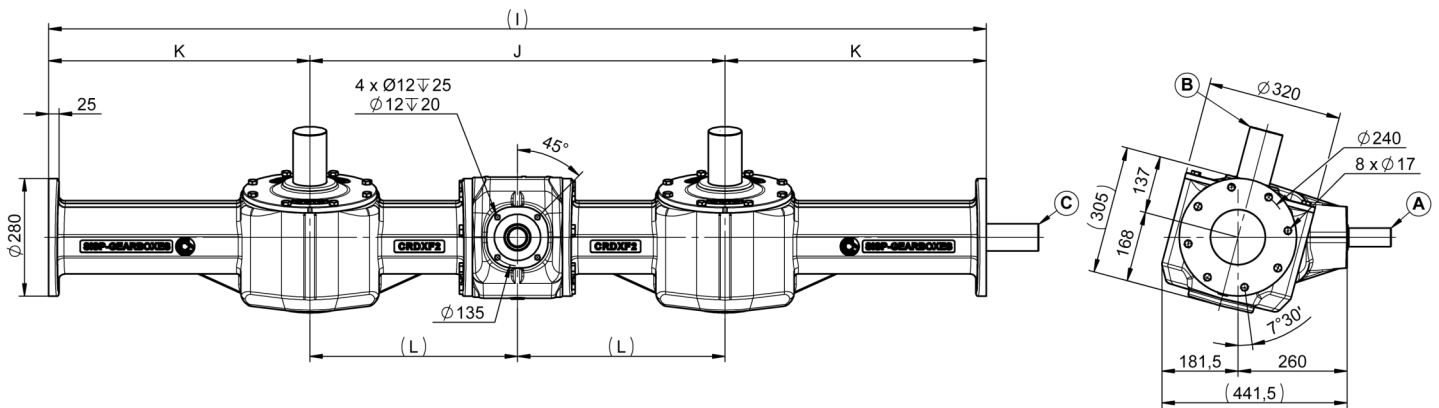
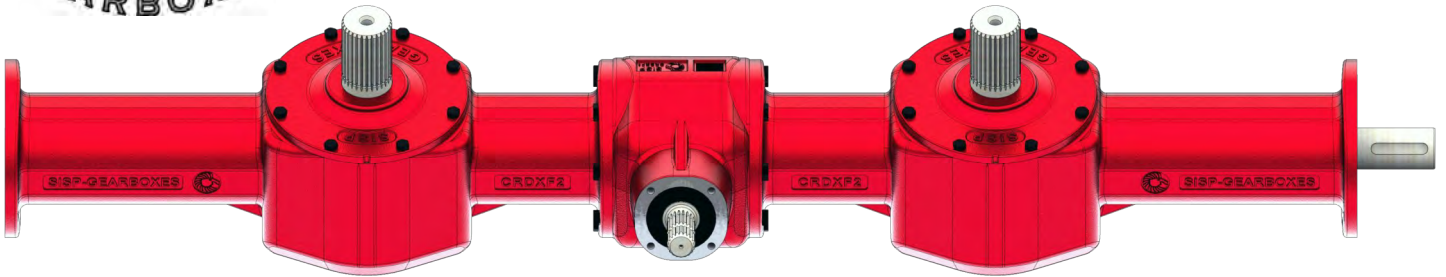
RAPPORT RATIO	A				B		C	
	T/MN - RPM	CV - HP	KW	NM	T/MN - RPM	NM	T/MN - RPM	NM
1/1.54	540	206	152	2731	351	4202	540	2322
1/2.08		159	117	2108	259	4388	399	2424
1/1.54	1000	281	207	2012	650	3095	1000	1710
1/2.08		270	199	1933	480	4024	739	2223
1/2.37		240	177	1718	423	4067	650	2247
1/2.82		210	155	1504	355	4241	545	2343



RDXL POUTRE MONOBLOC

RDXL MONOBLOC GEARBOX

970 - 990



A
1"3/4 (20)
2"1/4 (22)

B
Ø80(30)

C
Ø65

N° P8



Dimensions par référence / Dimensions by reference						
Ref. / Dimension	l (mm)	J (mm)	K (mm)	L (mm)	Huile / Oil (l)	Poids / Weight (kg)
RDXL970	2100	970	565	485	23	410
RDXL990	2130	990	570	495	23	420

COUPLE ET PUISSANCE RDXL / TORQUE AND POWER RDXL

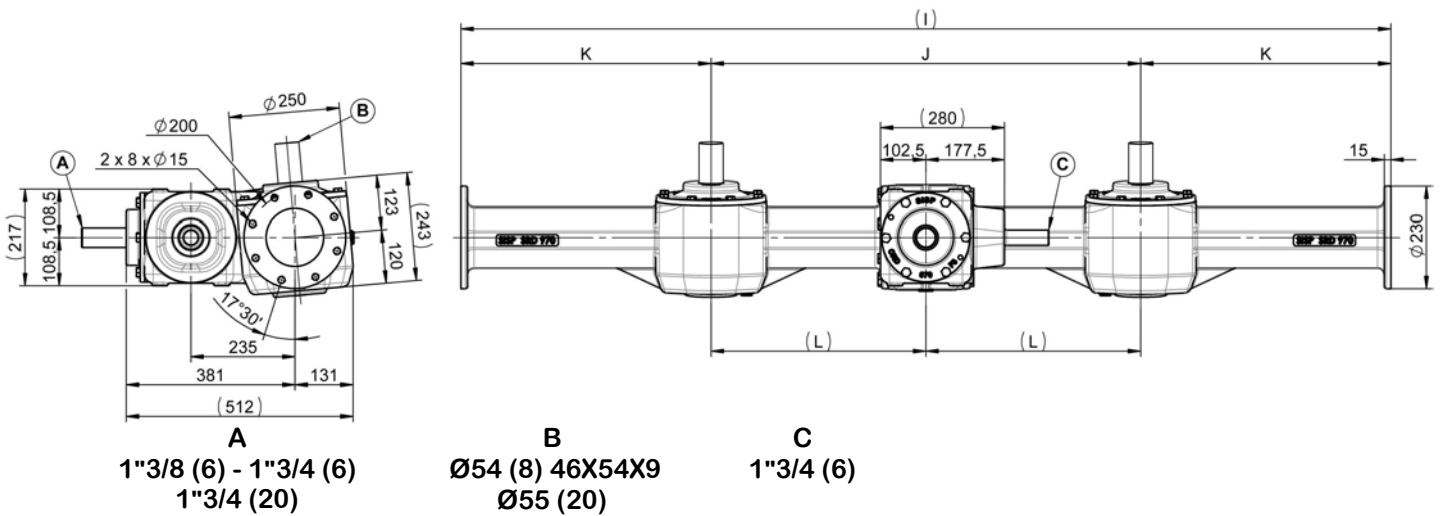
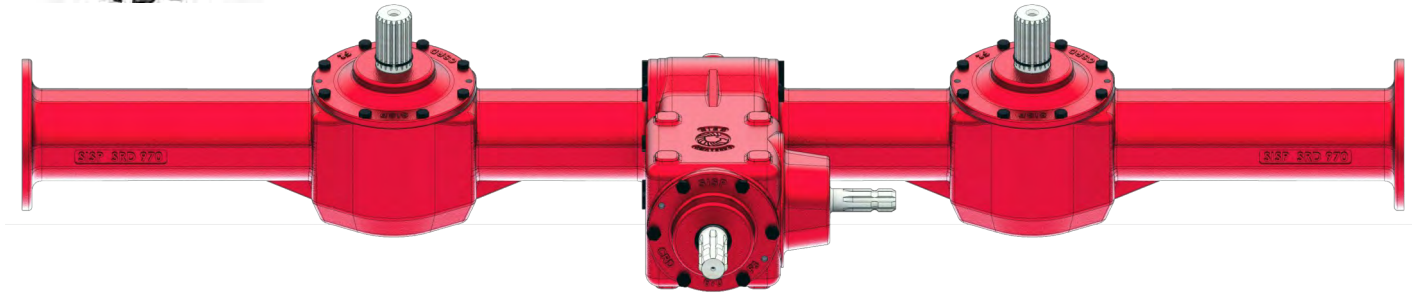
RAPPORT RATIO	T/MN - RPM	A			B		C	
		CV - HP	KW	NM	T/MN - RPM	NM	T/MN - RPM	NM
1/1.53	540	320	236	4245	352	6509	540	3608
1/2.07		252	186	3346	260	6942	399	3848
1/1.53	1000	436	321	3121	652	4785	1000	2653
1/2.07		429	316	3069	482	6368	739	3530
1/2.36		400	295	2865	424	6758	650	3746
1/2.83		377	278	2700	353	7643	542	4237



SRDRLC POUTRE MONOBLOC

SRDRLC MONOBLOC GEARBOX

780 - 930 - 970 - 1060 - 1100



Dimensions par référence / Dimensions by reference						
Reference	I (mm)	J (mm)	K (mm)	L (mm)	Huile / Oil (l)	Poids / Weight (kg)
SRDRLC780	1710	780	465	390	11.9	238
SRDRLC930	2000	930	535	465	12.4	244
SRDRLC970	2100	970	565	485	12.9	245
SRDRLC1060	2190	1060	565	530	13.2	263
SRDRLC1100	1710	1100	305	550	13.2	246

N° P9

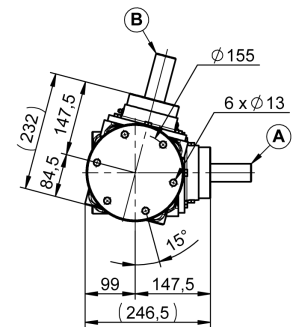
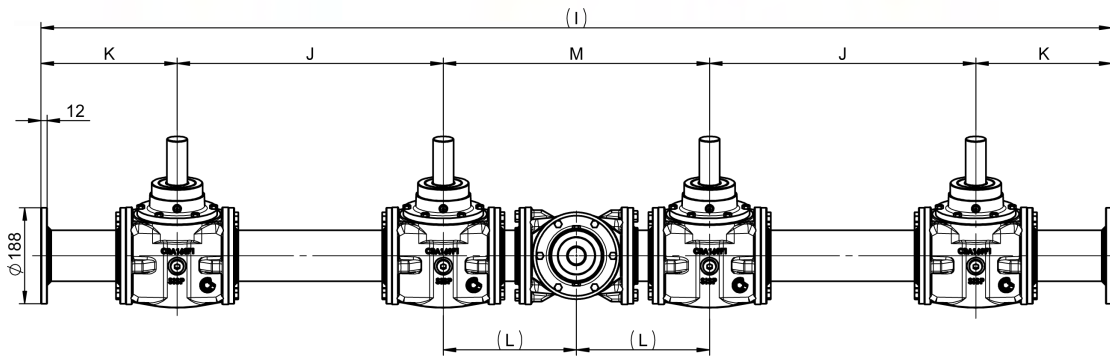


COUPLE ET PUISSANCE SRDRLC / TORQUE AND POWER SRDRLC

RAPPORT RATIO	T/MN - RPM	A			B		C	
		CV - HP	KW	NM	T/MN - RPM	NM	T/MN - RPM	NM
1/1.54	540	206	152	2731	351	4202	540	2068
1/2.08		159	117	2108	259	4388	540	2068
1/1.54	1000	281	207	2012	650	3095	1000	1905
1/2.08		270	199	1933	480	4024	1000	1905
1/2.37		240	177	1718	423	4067	1000	1905
1/2.82		210	155	1504	355	4241	1000	1905



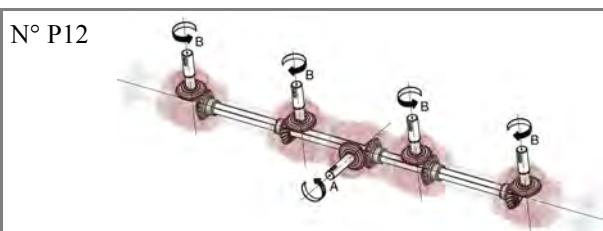
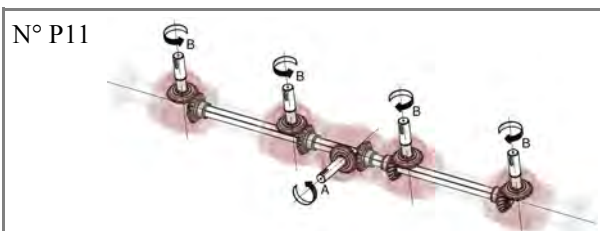
RA169 POUTRE MONOBLOC
R169 MONOBLOC GEARBOX
4 SHAFTS 2M OR 2.10M



A B
1"3/8 (6) Ø45 (16)

Reference	I (mm)	J (mm)	K (mm)	L (mm)	M (mm)	Huile / Oil (l)	Poids / Weight (kg)
RA169K	2000	480	266.5	253.5	507	9	160
RA169J	2100	522	267	261	522	9	180

LARGEUR 2.0 M / WIDTH 2.0 M							
RAPPORT RATIO	T/MN - RPM	A			B		ANGLE
		CV - HP	KW	NM	T/MN - RPM	NM	
1/1	540	89	66	1821	540	1180	80° ou / or 90°
1/1.93		47	35	627	281	1208	
1/1.93	1000	82	60	586	519	1129	
LARGEUR 2.1 M / WIDTH 2.1 M							
1/1	540	89	66	1821	540	1180	80° ou / or 90°
1/1.93		47	35	627	281	1208	
1/1.93	1000	82	60	586	519	1129	

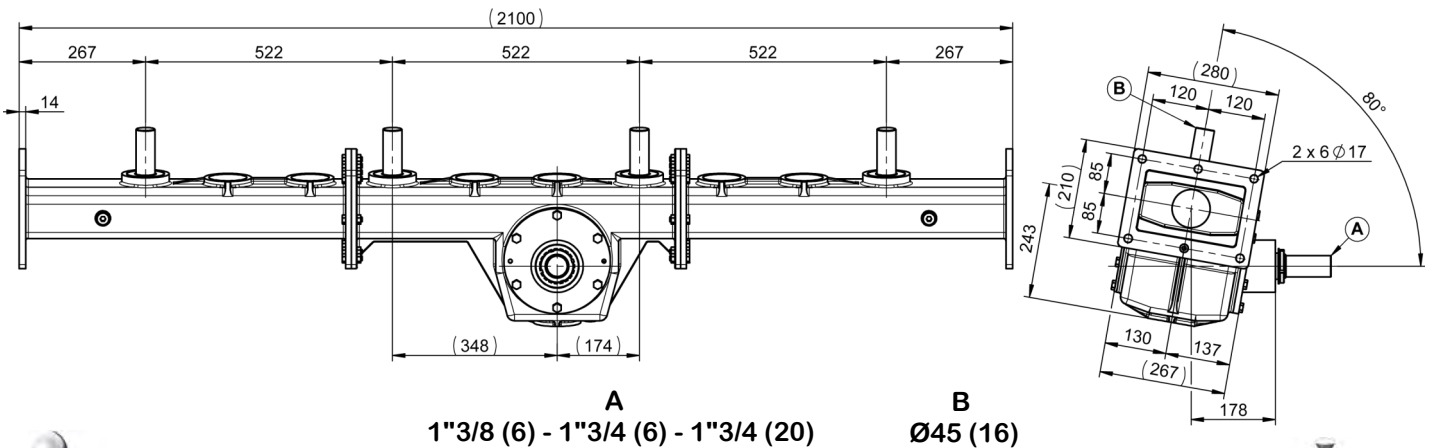




BL1566 POUTRE MONOBLOC

BL1566 MONOBLOC GEARBOX

4 SHAFTS 2.10M



A $1\frac{3}{8}$ (6) - $1\frac{3}{4}$ (6) - $1\frac{3}{4}$ (20) B $\text{Ø}45$ (16)

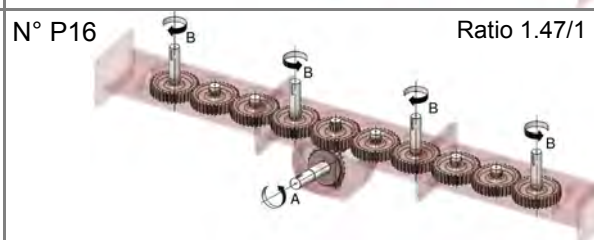
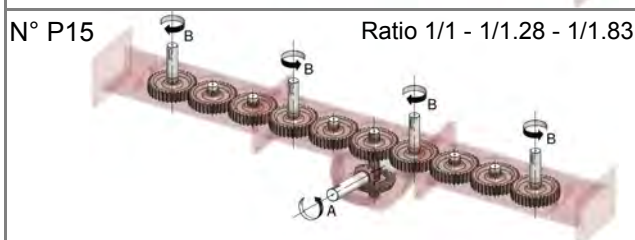
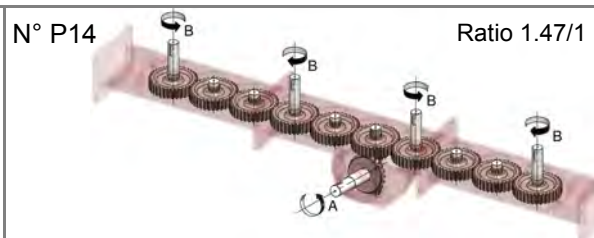
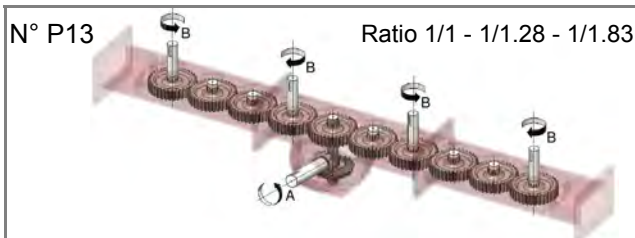
24L
TM80W90

Option : Manchons avec coupelles
Coupling with protective cup

258KG

LARGEUR 2.0 M / WIDTH 2.0 M

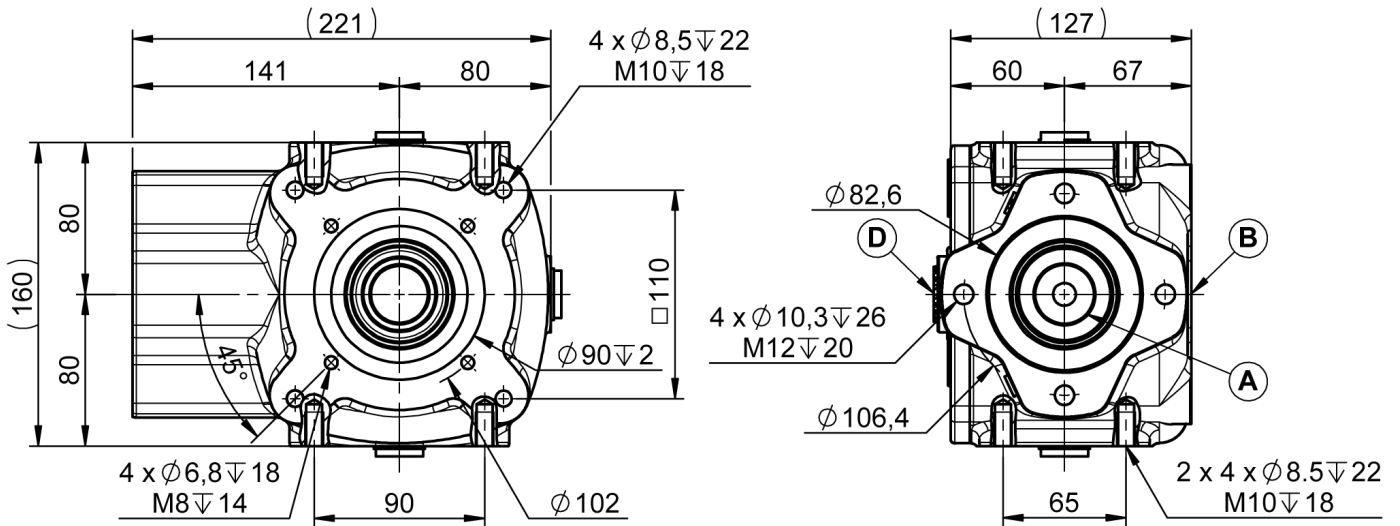
RAPPORT RATIO	T/MN - RPM	A			B		ANGLE
		CV - HP	KW	NM	T/MN - RPM	NM	
1/1	540	166	122	2200	540	2200	80°
1/1.28	540	122.6	90	1625	422	2080	
1/1.83	1000	166	122	1202	545	2200	
1.47/1	540	157	115	2087	546	1420	






RAH110 REDUCTEUR HYDRAULIQUE

RAH110 HYDRAULIC REDUCER

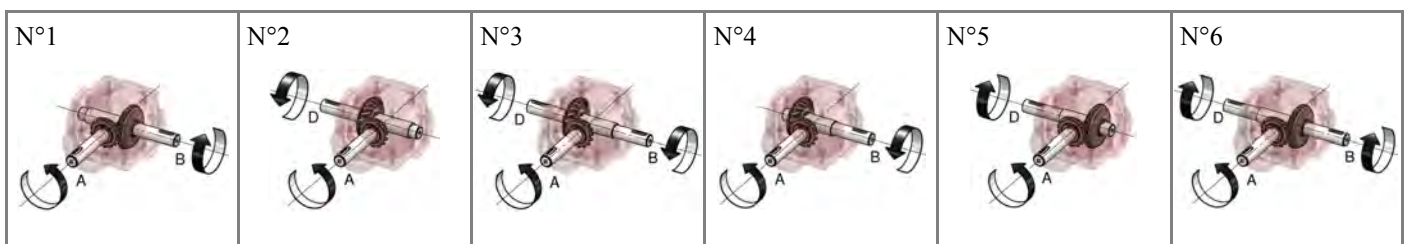


 **0.3 L**
TM80W90

Option : **Version renforcée**
Reinforced version

 **12 KG**

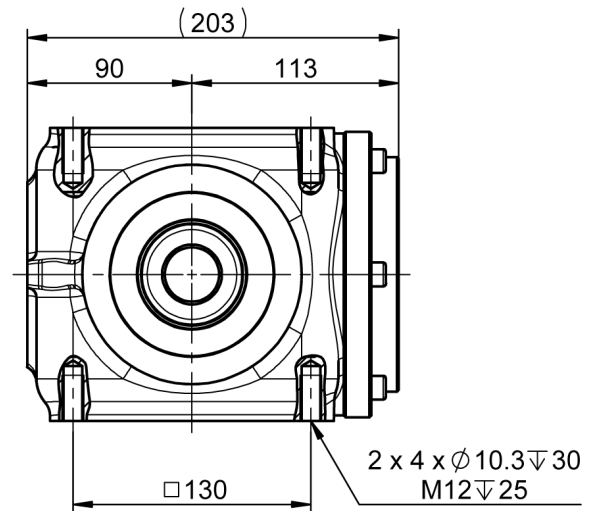
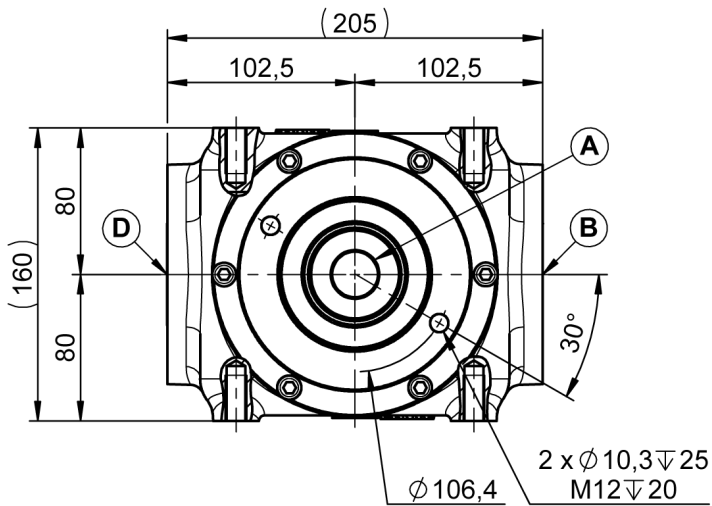
REDUCTEUR / REDUCER								
RAPPORT RATIO	ϕ	T/MN - RPM	A CV - HP	KW	NM	ϕ	B - D T/MN - RPM	NM
1/3	$\phi 25$	540	22	16	300	$\phi 30$ F	180	900
						$\phi 35$ F		
						1"3/8 F		
						1"3/8 M x2		
						1"3/4 M x2		





RAH160 REDUCTEUR HYDRAULIQUE

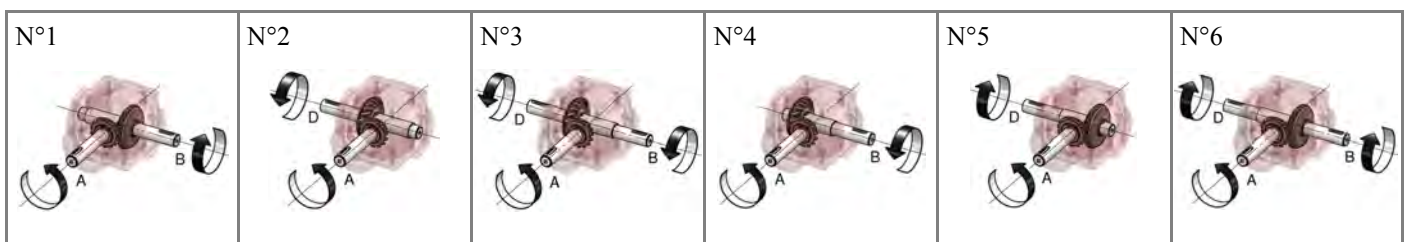
RAH160 HYDRAULIC REDUCER



0.8 L
TM80W90

21 KG

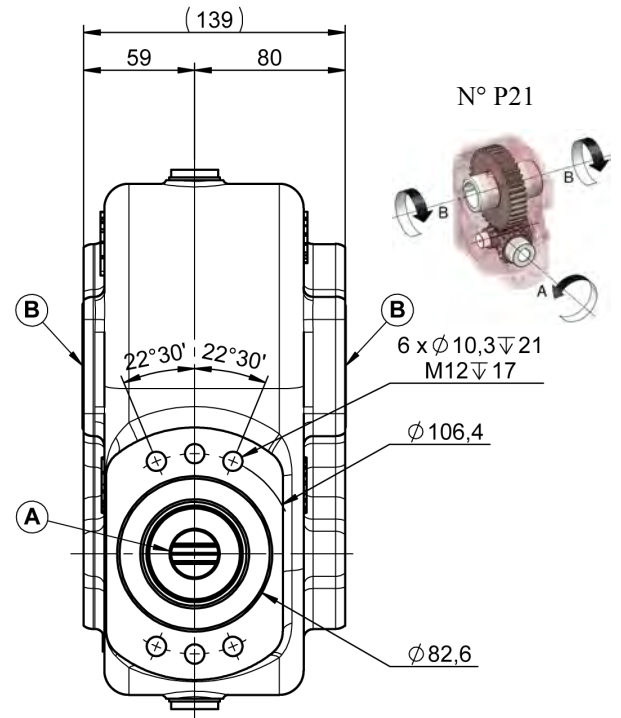
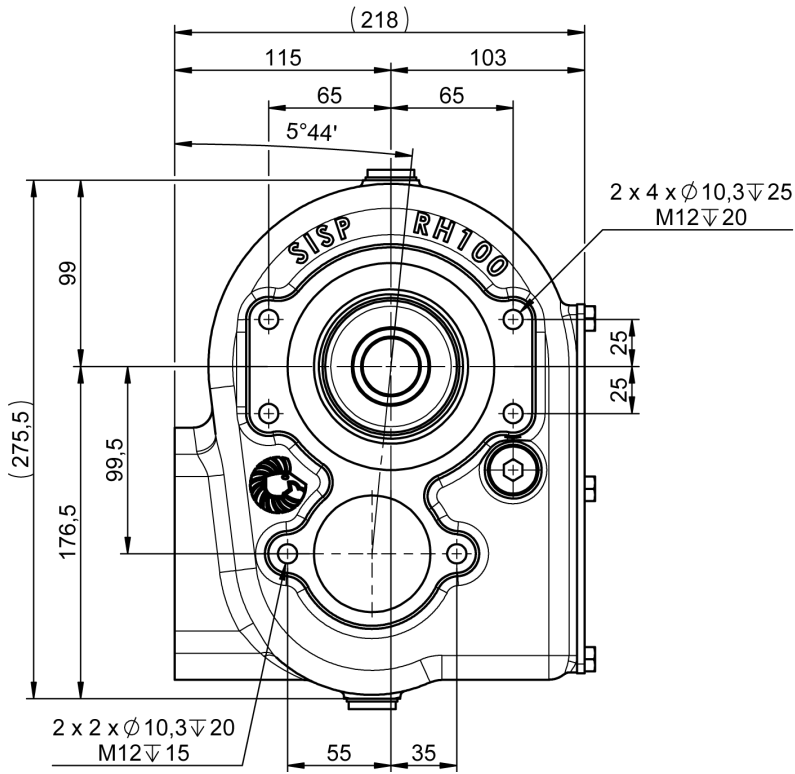
REDUCTEUR / REDUCER								
RAPPORT RATIO	ϕ	T/MN - RPM	A CV - HP	KW	NM	ϕ	B - D T/MN - RPM	NM
1.05/1	$\phi 25$	540	71	52	950	$\phi 36/P$ by Side F	567	905
						1"3/8 (6) F		





RH100 REDUCTEUR HYDRAULIQUE

RH100 HYDRAULIC REDUCER



1.3 L
TM80W90

Livré sans huile / Delivered without oil

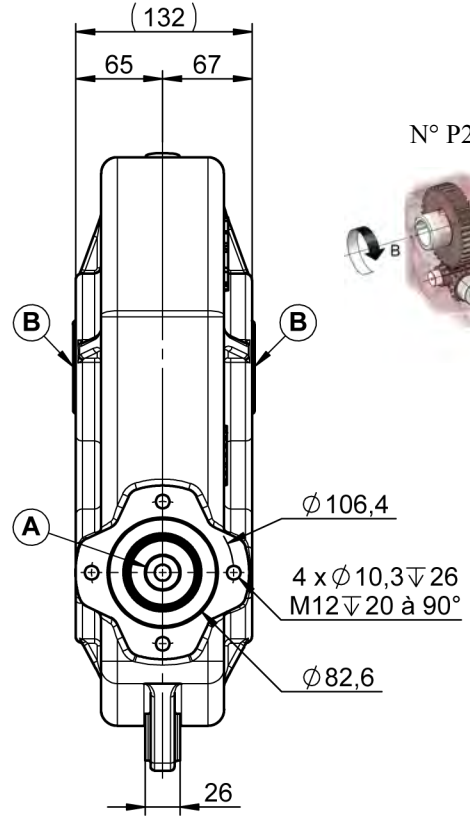
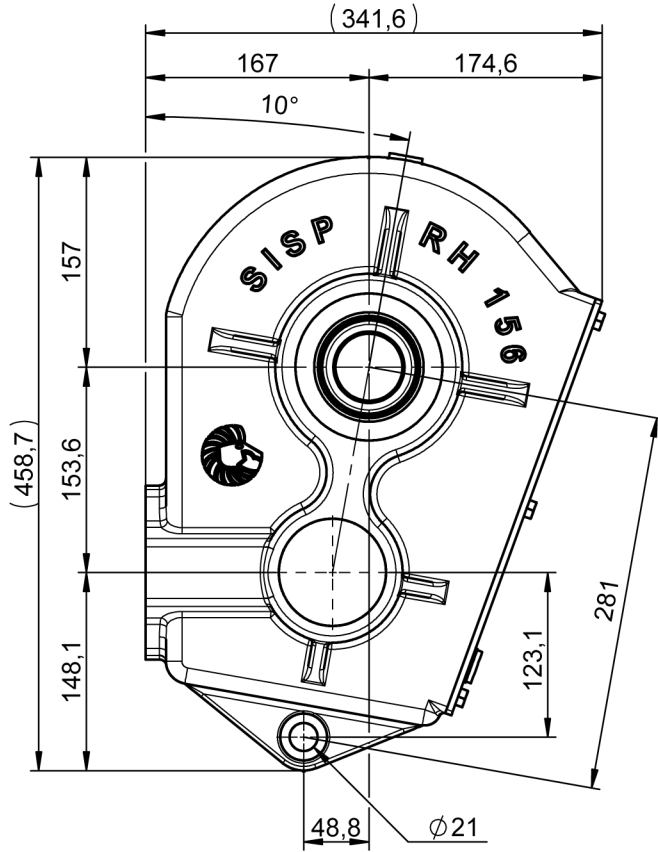
24 KG

REDUCTEUR / REDUCER								
RAPPORT RATIO	Ø	T/MN - RPM	A CV - HP	KW	NM	Ø	B T/MN - RPM	NM
1/4.88	Ø25 - Ø32	540	41	30	544	Ø30	111	2650
1/6.86			29	21	388	Ø35	79	2650
1/8.66	Ø25		22.9	17	304	Ø40	62	2650
1/10.64	Ø25		13	9.6	250	Ø45	51	1850

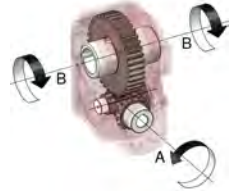


RH156 REDUCTEUR HYDRAULIQUE

RH156 HYDRAULIC REDUCER



N° P21



2.1 L
TM80W90



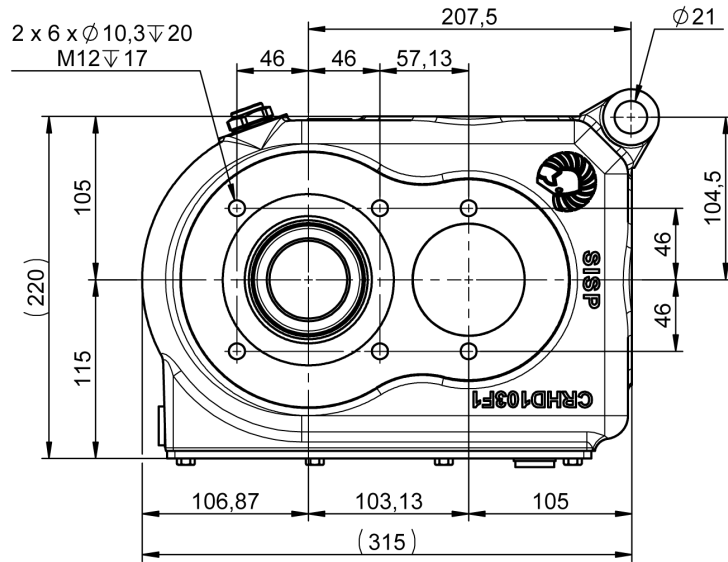
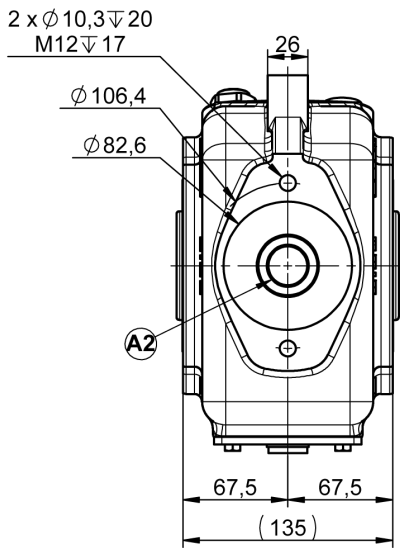
43 KG

REDUCTEUR / REDUCER								
RAPPORT RATIO	Ø	T/MN - RPM	A CV - HP	KW	NM	Ø	B T/MN - RPM	NM
1/21	Ø25 - Ø32	540	10.1	7.4	134	Ø35	25.7	2700
						Ø40		
						Ø45		
						Ø50		

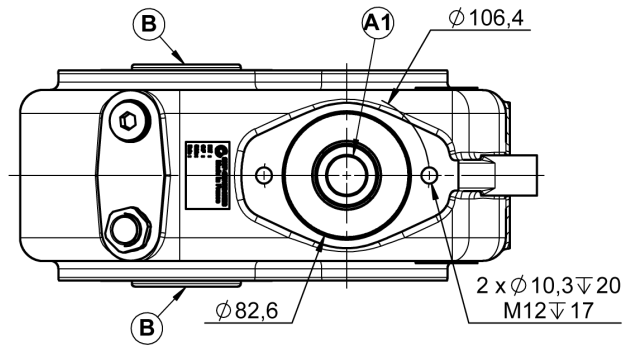
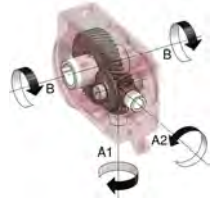


RHD103 REDUCTEUR HYDRAULIQUE

RHD103 HYDRAULIC REDUCER BI-MOTOR



N° P22



1.3 L
TM80W90

24 KG

REDUCTEUR MONO MOTEUR / REDUCER ONE MOTOR

RAPPORT RATIO	Ø	T/MN - RPM	A			B		
			CV - HP	KW	NM	Ø	T/MN - RPM	NM
1/8.36	Ø25 - Ø32	540	27	20	358	Ø30	65	3000
						Ø35		
						Ø40		
						Ø45		
						Ø50		

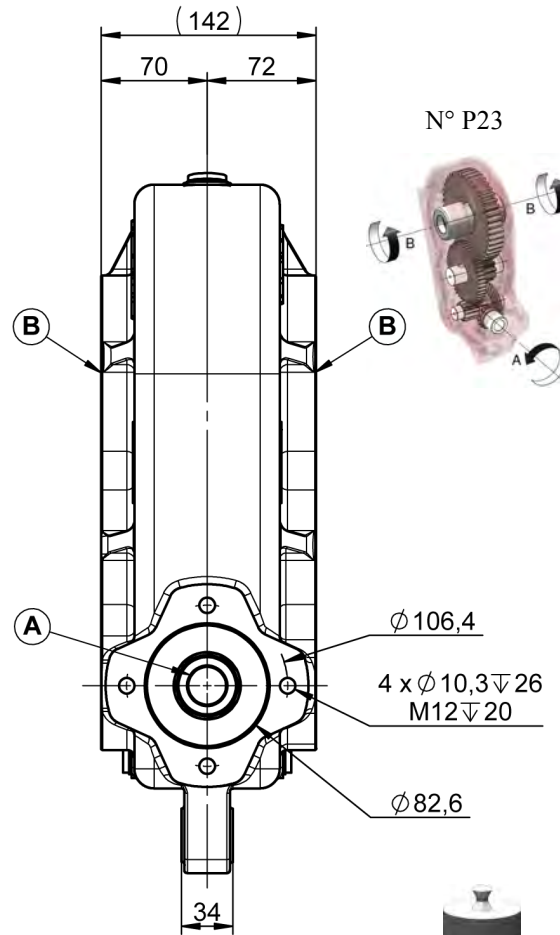
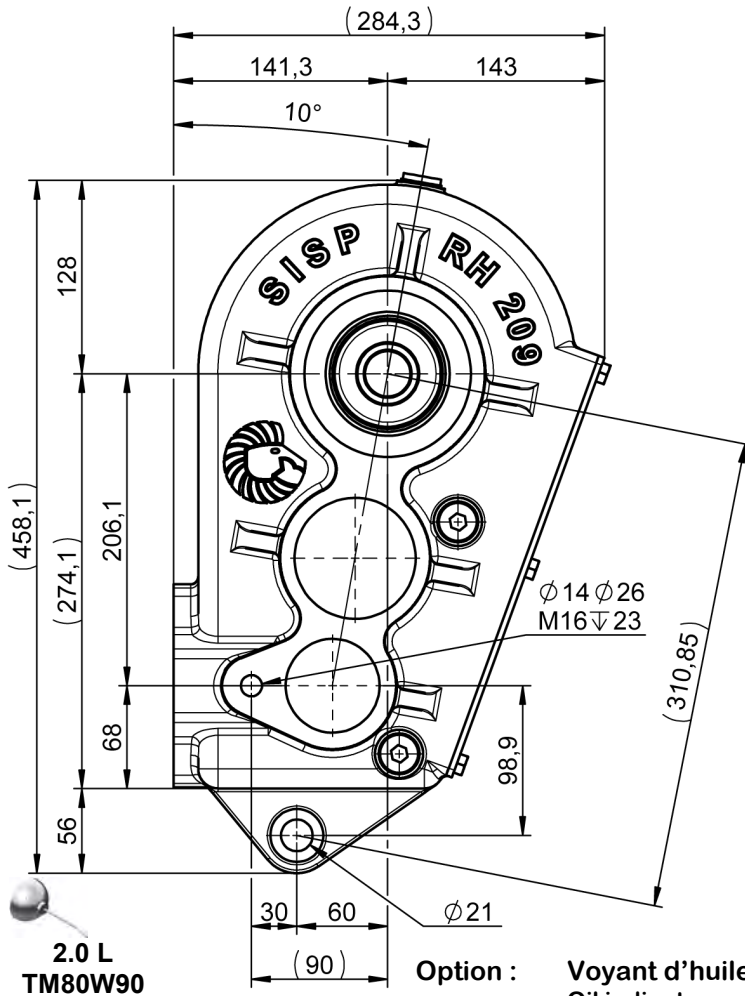
REDUCTEUR BI MOTEURS/ REDUCER BI MOTORS

1/8.36	Ø25 - Ø32	540	27	20	358	Ø30	65	3000
						Ø35		
						Ø40		
						Ø45		
						Ø50		

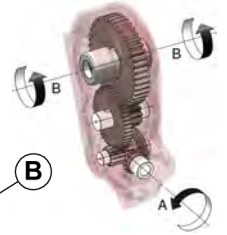


RH209 REDUCTEUR HYDRAULIQUE

RH209 HYDRAULIC REDUCER



N° P23



2.0 L
TM80W90

Option : Voyant d'huile des deux côtés.
Oil indicator on both side.

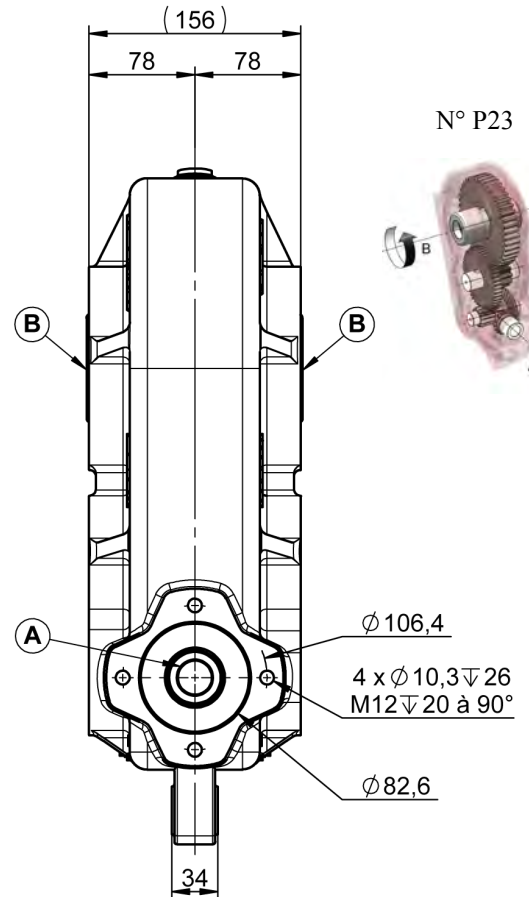
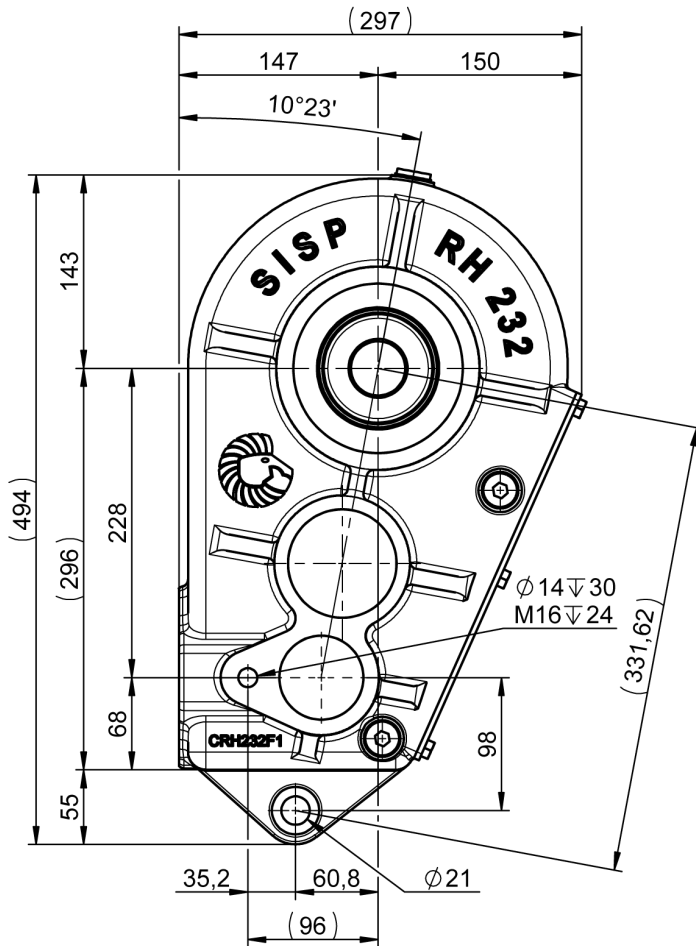
40 KG

REDUCTEUR / REDUCER								
RAPPORT RATIO	ϕ	T/MN - RPM	A CV - HP	KW	NM	ϕ	B T/MN - RPM	NM
1/30	$\phi 25 - 1'' (6)$	540	8.8	6.5	116	$\phi 30$	18	3500
						$\phi 35$		
						$\phi 40$		
						$\phi 45$		
						$\phi 50$		

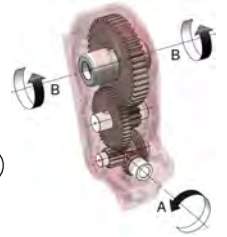


RH232 REDUCTEUR HYDRAULIQUE

RH232 HYDRAULIC REDUCER



N° P23



 2.5 L
TM80W90

Option : **Voyant d'huile des deux côtés.**
Oil indicator on both side.

Trou taraudé pour capteur.
Hole for sensor.

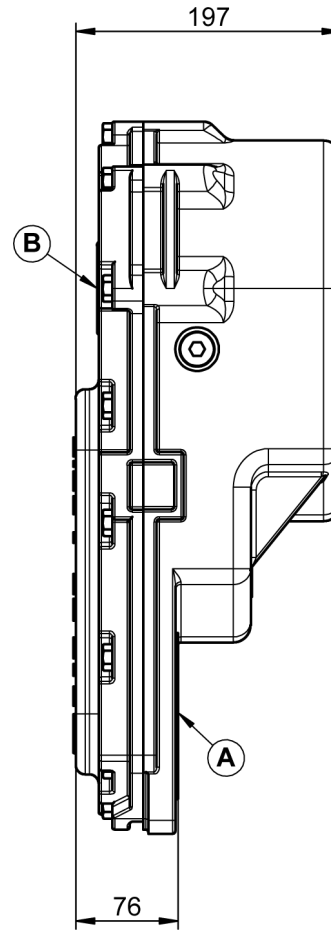
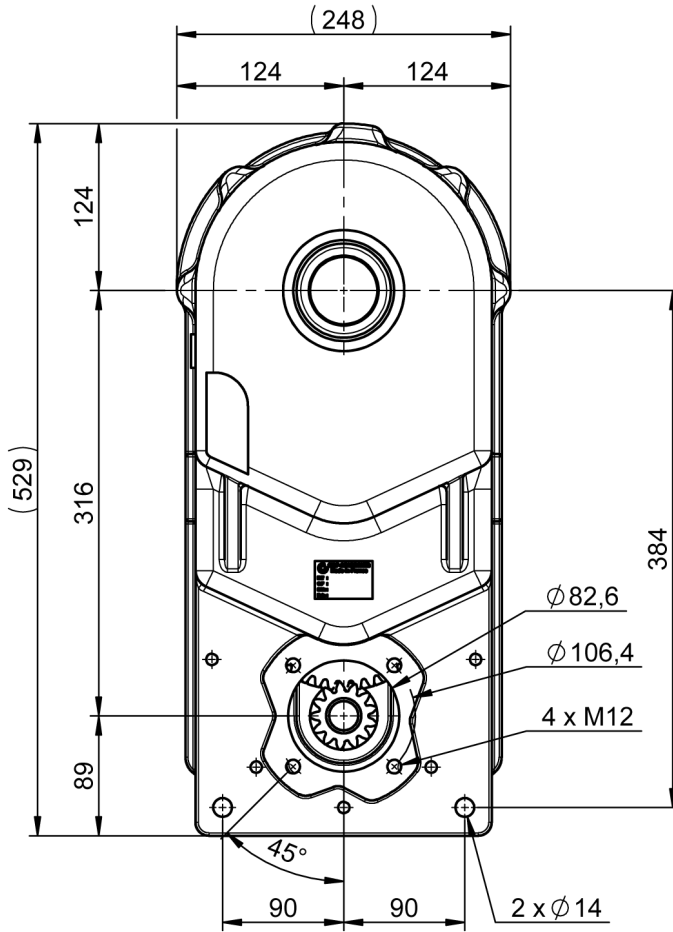
 50 KG

REDUCTEUR / REDUCER								
RAPPORT RATIO	Ø	T/MN - RPM	A CV - HP	KW	NM	Ø	B T/MN - RPM	NM
1/36.8	Ø25 - 1" (6)	540	10.24	7.53	136	Ø35	15	5000
						Ø40		
						Ø45		
						Ø50		
						Ø55		
						Ø60		

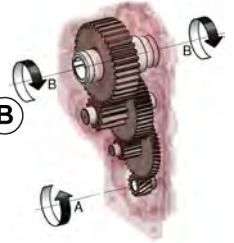


RH316 REDUCTEUR HYDRAULIQUE

RH316 HYDRAULIC REDUCER



N° P20



2.5 L
TM80W90

Livré sans huile / Delivered without oil



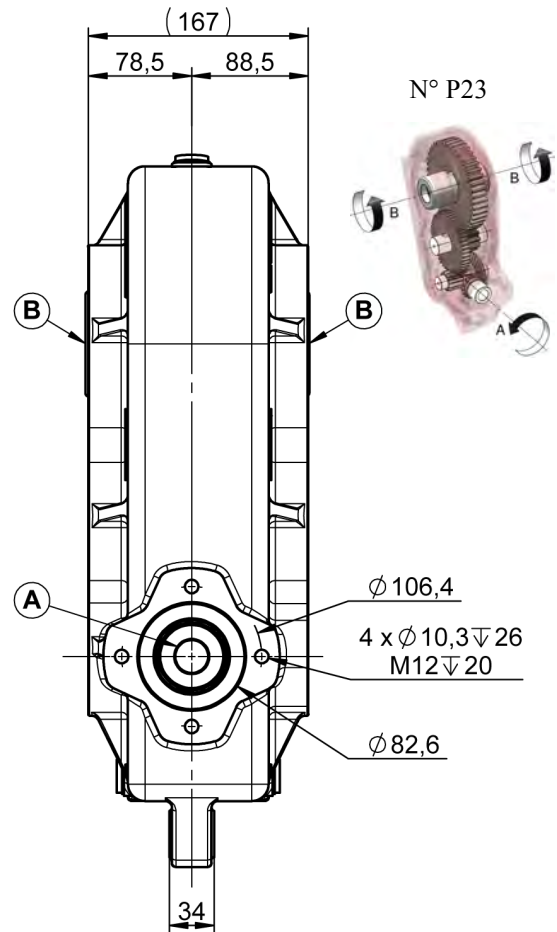
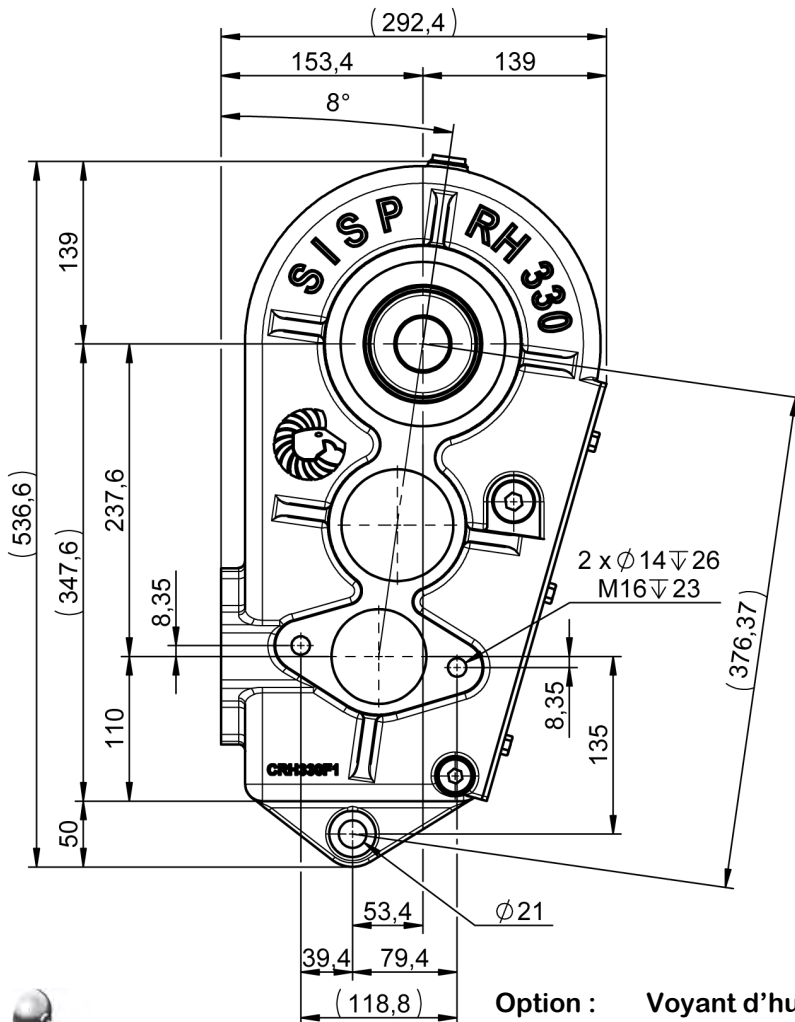
60 KG

REDUCTEUR / REDUCER								
RAPPORT RATIO	Ø	T/MN - RPM	A			B		
			CV - HP	KW	NM	Ø	T/MN - RPM	NM
1/38.5	Ø25 - 1" (6)	540	11	8	144	Ø40	15	5200
1/18.5			20	15	269	Ø50 Ø55		

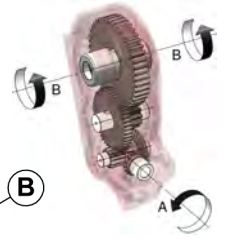


RH330 REDUCTEUR HYDRAULIQUE

RH330 HYDRAULIC REDUCER



N° P23



3.8 L
TM80W90

Option : Voyant d'huile des deux côtés.
Oil indicator on both side.

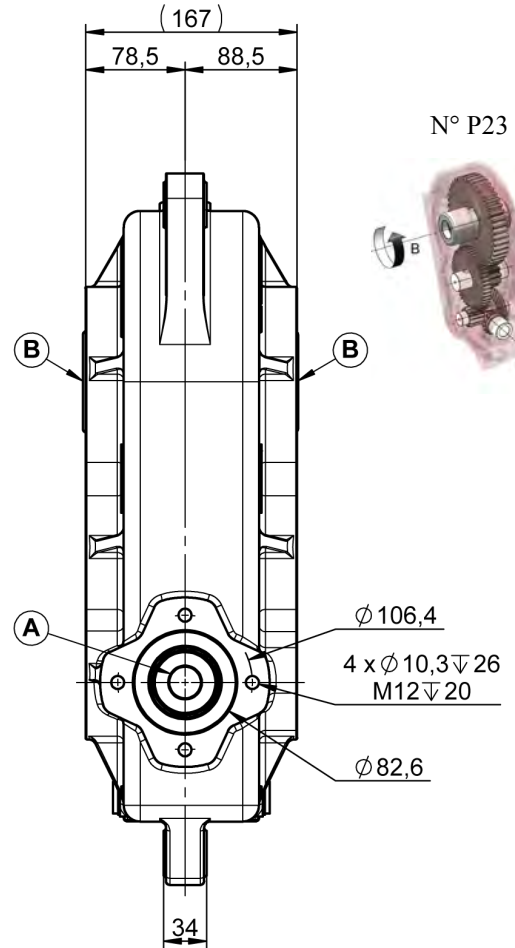
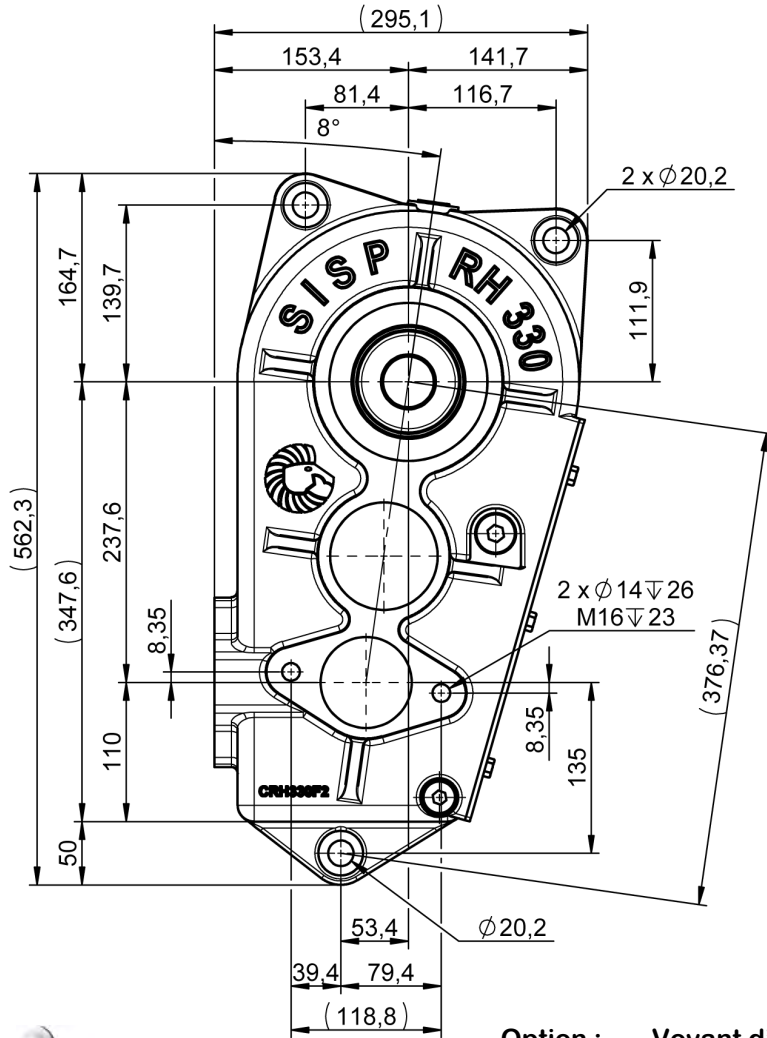
Trou taraudé pour capteur.
Hole for sensor.

65 KG

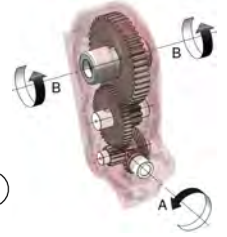
REDUCTEUR / REDUCER								
RAPPORT RATIO	ϕ	T/MN - RPM	A CV - HP	KW	NM	ϕ	B T/MN - RPM	NM
1/35.4	$\phi 25 - 1" (6)$	540	13	9.6	169	$\phi 40$	15	6100
1/17.5			26.4	19.4	350	$\phi 45$ $\phi 50$ $\phi 55$ $\phi 60$ $\phi 55 (20)$		




RH330 REDUCTEUR HYDRAULIQUE
RH330 HYDRAULIC REDUCER
FIXING BY 3 HOLES



N° P23



 **3.8 L**
TM80W90

Option : **Voyant d'huile des deux côtés.**
Oil indicator on both side.

Trou taraudé pour capteur.
Hole for sensor.

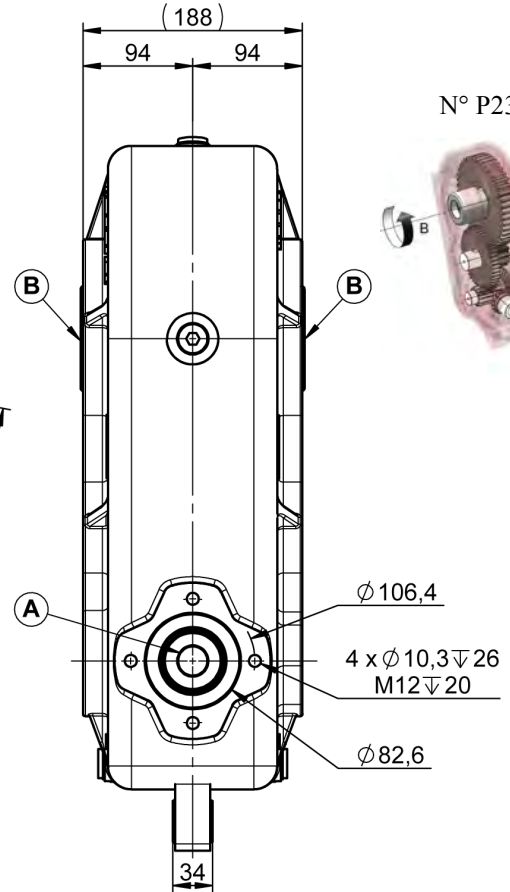
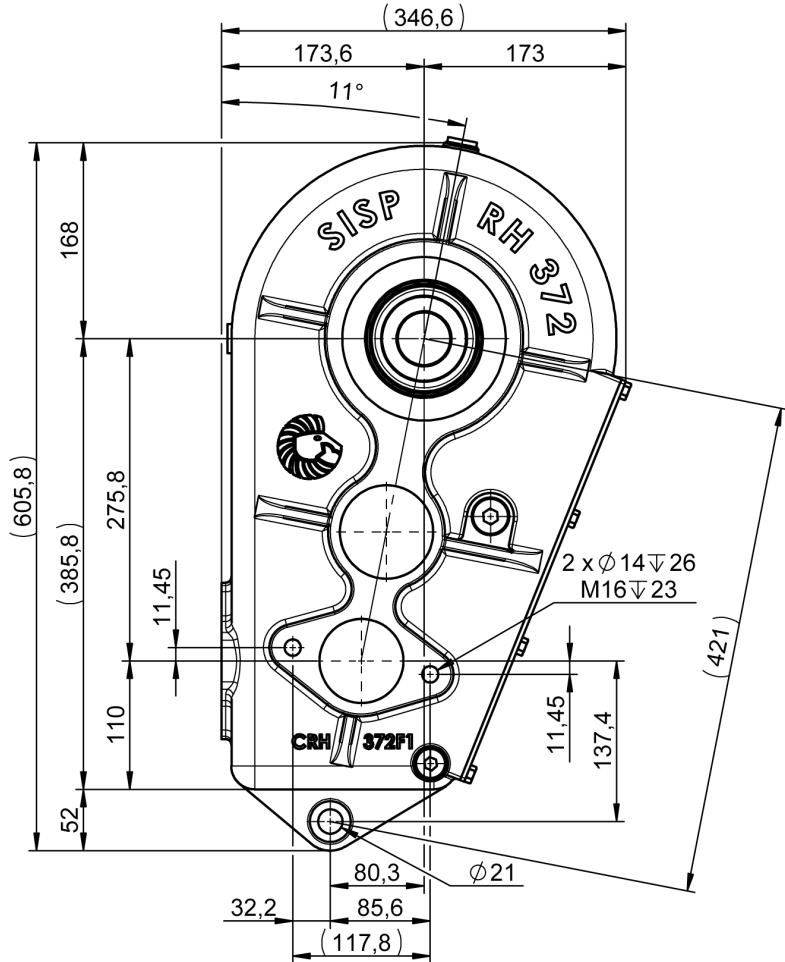
 **66 KG**

REDUCTEUR / REDUCER								
RAPPORT RATIO	Ø	T/MN - RPM	A CV - HP	KW	NM	Ø	B T/MN - RPM	NM
1/35.4	Ø25 - 1" (6)	540	13	9.6	169	Ø40	15	6100
						Ø45		
						Ø50		
1/17.5			26.4	19.4	350	Ø55	31	6100
						Ø60		
						Ø55 (20)		

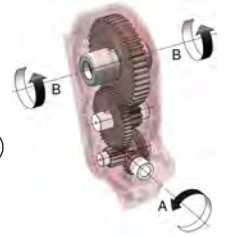


RH372 REDUCTEUR HYDRAULIQUE

RH372 HYDRAULIC REDUCER



N° P23



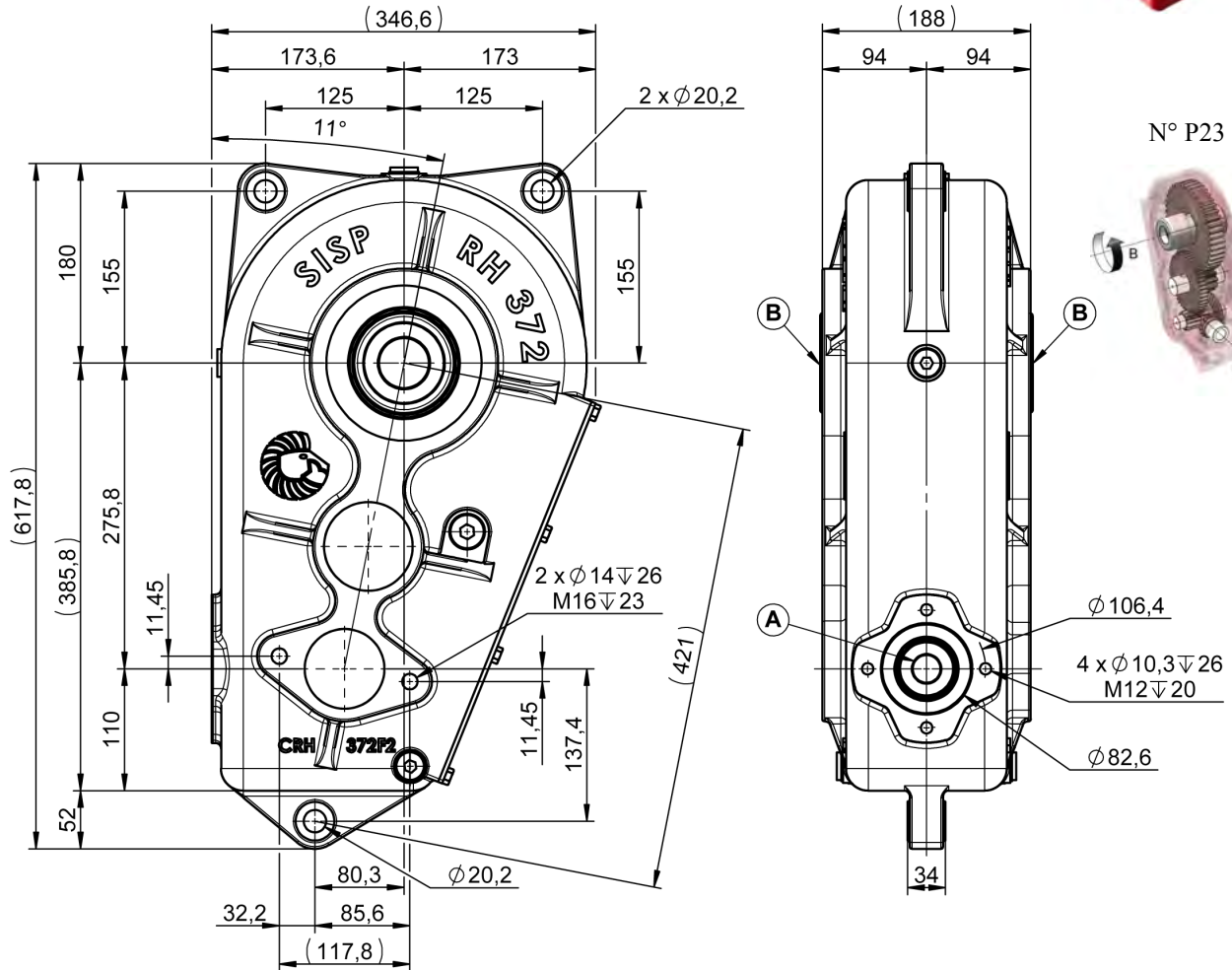
Option : Voyant d'huile des deux côtés.
Oil indicator on both side.
Trou taraudé pour capteur.
Hole for sensor.



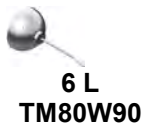
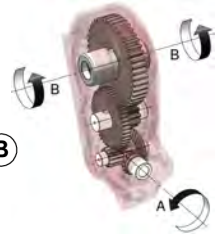
REDUCTEUR / REDUCER								
RAPPORT RATIO	Ø	T/MN - RPM	A CV - HP	KW	NM	Ø	B T/MN - RPM	NM
1/38.2	Ø25 - Ø32 1" (6)	540	20	15	259	Ø45	14	10000
1/18.6			40	30	537	Ø50 Ø55 Ø65 Ø70 Ø55 (20)		



RH372 REDUCTEUR HYDRAULIQUE
RH372 HYDRAULIC REDUCER
FIXING BY 3 HOLES



N° P23



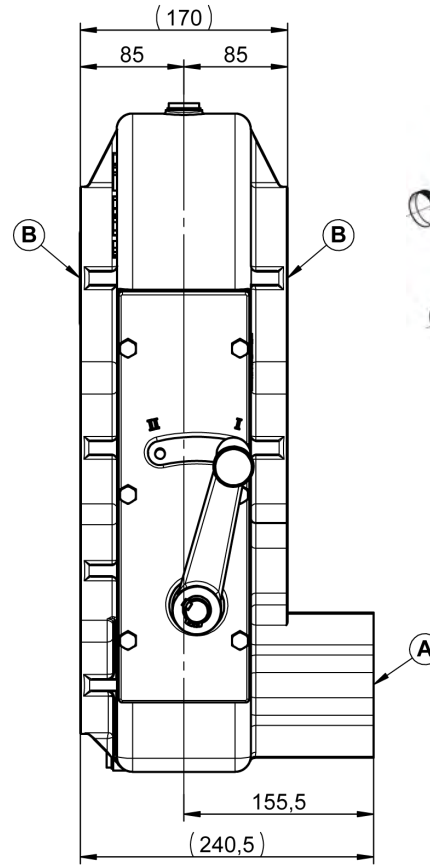
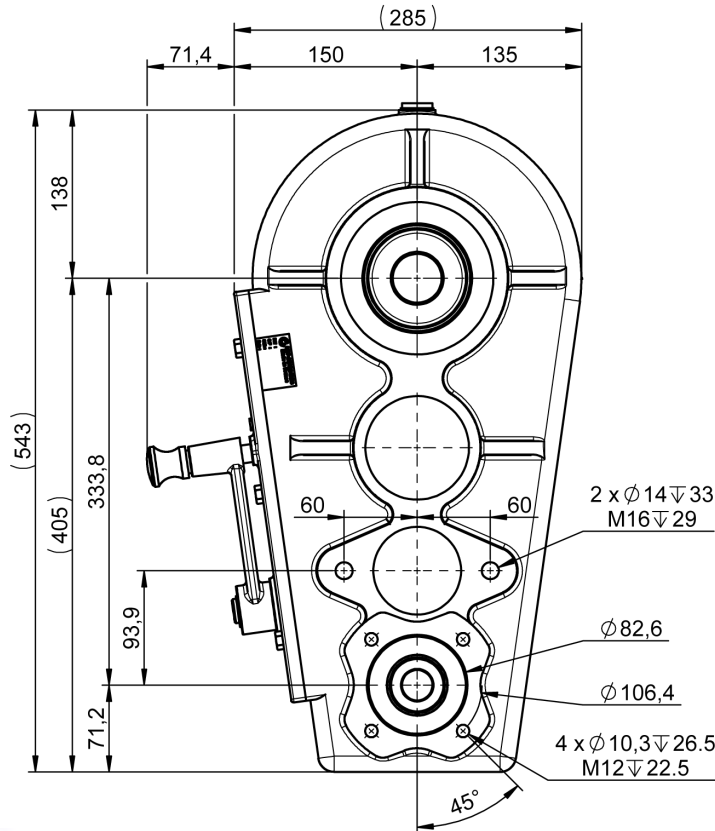
Option : Voyant d'huile des deux côtés.
 Oil indicator on both side.
 Trou taraudé pour capteur.
 Hole for sensor.



REDUCTEUR / REDUCER								
RAPPORT RATIO	ϕ	T/MN - RPM	A CV - HP	KW	NM	ϕ	B T/MN - RPM	NM
1/38.2	$\phi 25 - \phi 32$ 1" (6)	540	20	15	259	$\phi 45$	14	10000
1/18.6			40	30	537	$\phi 50$ $\phi 55$ $\phi 65$ $\phi 70$ $\phi 55 (20)$		



RH334 REDUCTEUR HYDRAULIQUE
RH334 HYDRAULIC REDUCER
MONO OR BI-SPEED



3 L
TM80W90

Option : Trou taraudé pour capteur.
 Hole for sensor.

70 KG

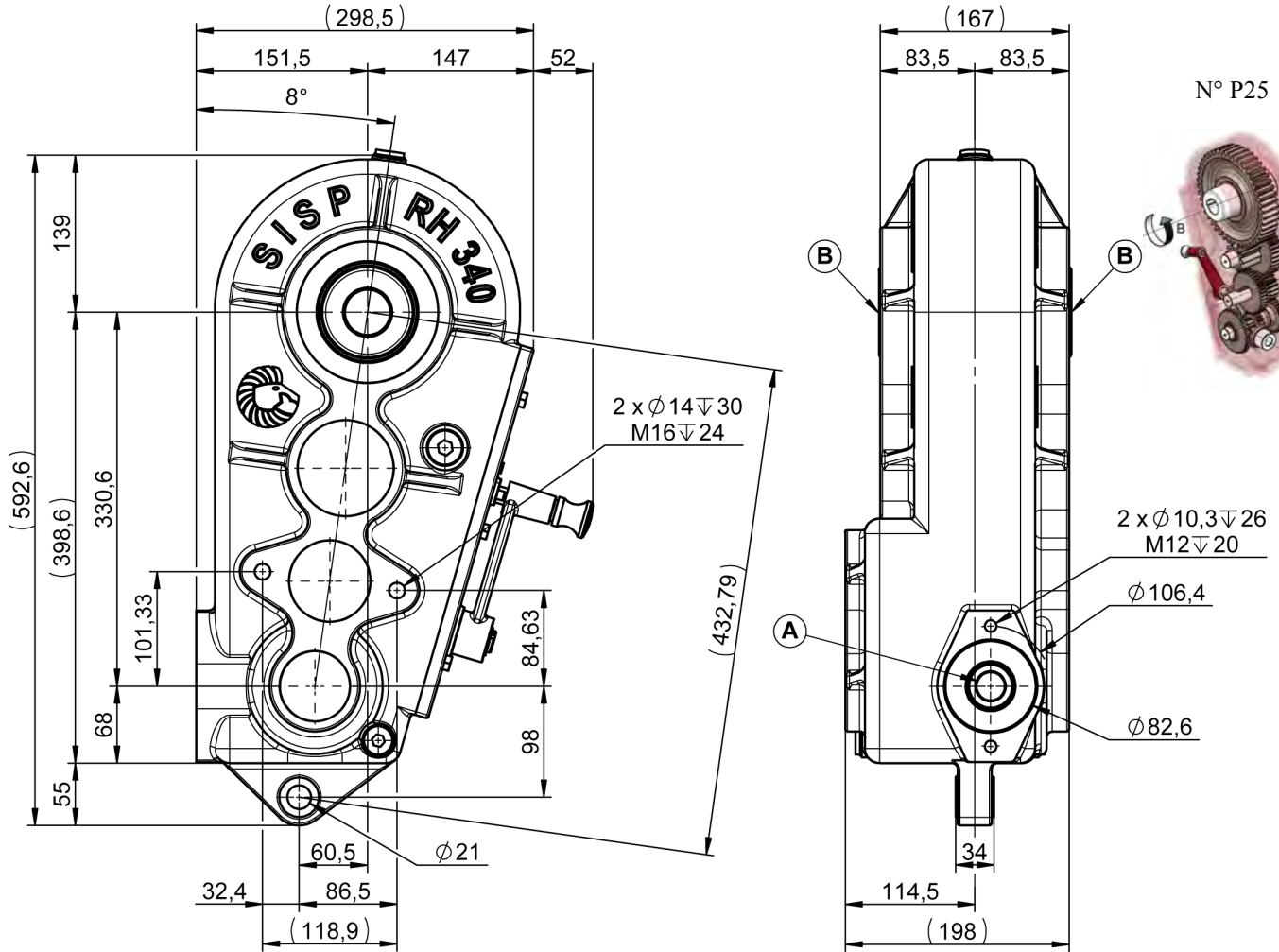
REDUCTEUR BI VITESSES / REDUCER BI SPEED								
RAPPORT RATIO	Ø	T/MN - RPM	A CV - HP	KW	NM	Ø	B T/MN - RPM	NM
R I 1/35.8	Ø25	540	13	10	169	Ø40	15	6100
R II 1/18.2			26	20	338	Ø45 Ø50 Ø55 Ø60		
REDUCTEUR MONO VITESSE / REDUCER MONO SPEED								
R I 1/35.8	Ø25	540	13	10	169	Ø40	15	6100
R II 1/18.2			26	20	338	Ø45 Ø50 Ø55 Ø60		



RH340 REDUCTEUR HYDRAULIQUE

RH340 HYDRAULIC REDUCER

BI-SPEED



3 L
TM80W90

Option : Voyant d'huile des deux côtés.
Oil indicator on both side.

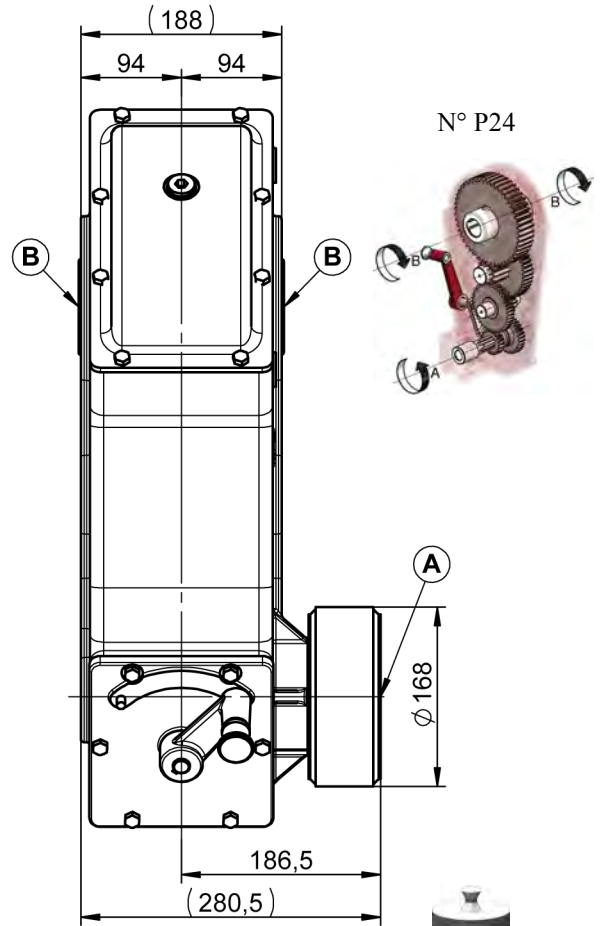
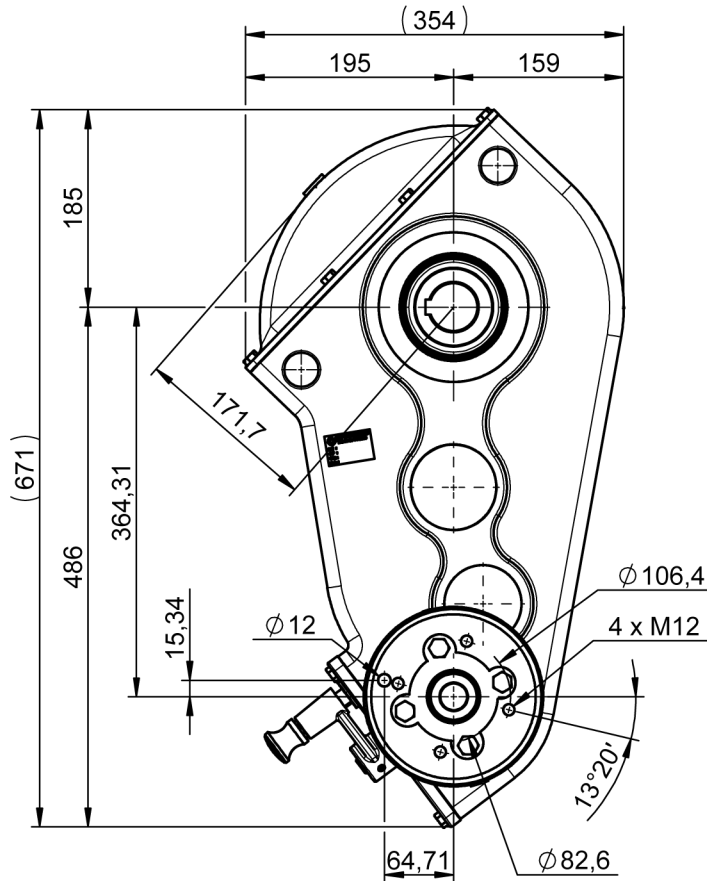
Trou taraudé pour capteur.
Hole for sensor.

72 KG

REDUCTEUR BI VITESSES / REDUCER BI SPEED								
RAPPORT RATIO	Ø	T/MN - RPM	A CV - HP	KW	NM	Ø	B T/MN - RPM	NM
R I 1/18	Ø25 - 1" (6)	540	26	20	338	Ø40	30	6100
						Ø45		
R II 1/35.3			13	10	169	Ø50	15	6100



RH360 REDUCTEUR HYDRAULIQUE
RH360 HYDRAULIC REDUCER
MONO OR BI-SPEED



5 L
TM80W90

Option : Trou taraudé pour capteur.
 Hole for sensor.

105 KG

REDUCTEUR BI VITESSES / REDUCER BI SPEED

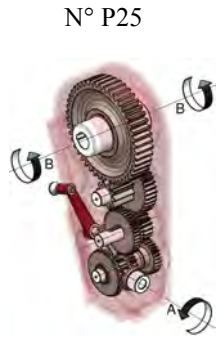
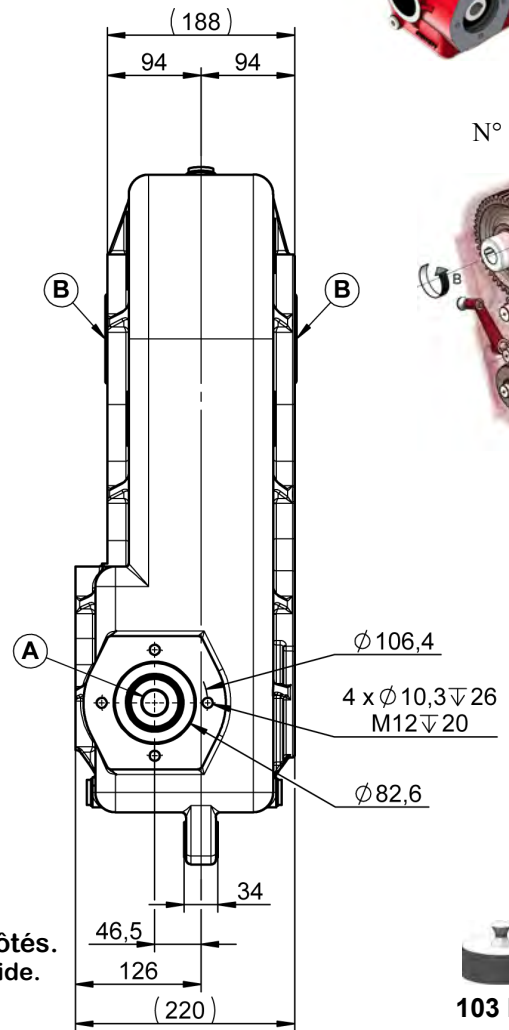
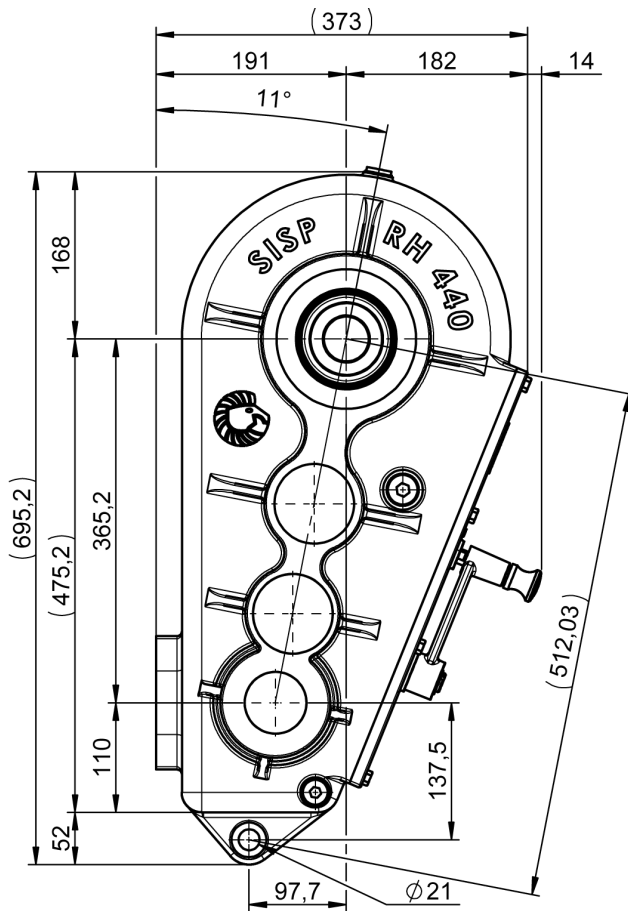
RAPPORT RATIO	Ø	T/MN - RPM	A CV - HP	KW	NM	Ø	B T/MN - RPM	NM
R I 1/36.8	Ø25 - Ø32	540	17	13	230	Ø40	15	8300
R II 1/18.4			34	26	461	Ø55 Ø60		

REDUCTEUR MONO VITESSE / REDUCER MONO SPEED

R I 1/36.8	Ø25 - Ø32	540	17	13	230	Ø40	15	8300
R II 1/18.4			34	26	461	Ø55 Ø60		



RH440 REDUCTEUR HYDRAULIQUE
RH440 HYDRAULIC REDUCER
BI-SPEED



8 L
TM80W90

Option : Voyant d'huile et vidange des deux côtés.
 Oil indicator and emptying hole on both side.
 Trou taraudé pour capteur.
 Hole for sensor.

103 KG

REDUCTEUR BI VITESSES 1/18-37 / REDUCER BI SPEED 1/18-37

RAPPORT RATIO	Ø	T/MN - RPM	A CV - HP	KW	NM	Ø	B T/MN - RPM	NM
R I 1/37.2	Ø25 - Ø32 1" (6)	540	20	15	270	Ø40	15	10000
R II 1/18.6			26	19	350	Ø45 Ø50 Ø55 Ø60		

REDUCTEUR BI VITESSES 1/38-76 / REDUCER BI SPEED 1/38-76

R I 1/76.4	Ø25 - Ø32 1" (6)	540	20	15	265	Ø40	7	10000
R II 1/38.2			26	19	350	Ø45 Ø50 Ø55 Ø60		

MANCHON / COUPLING



NOTA :

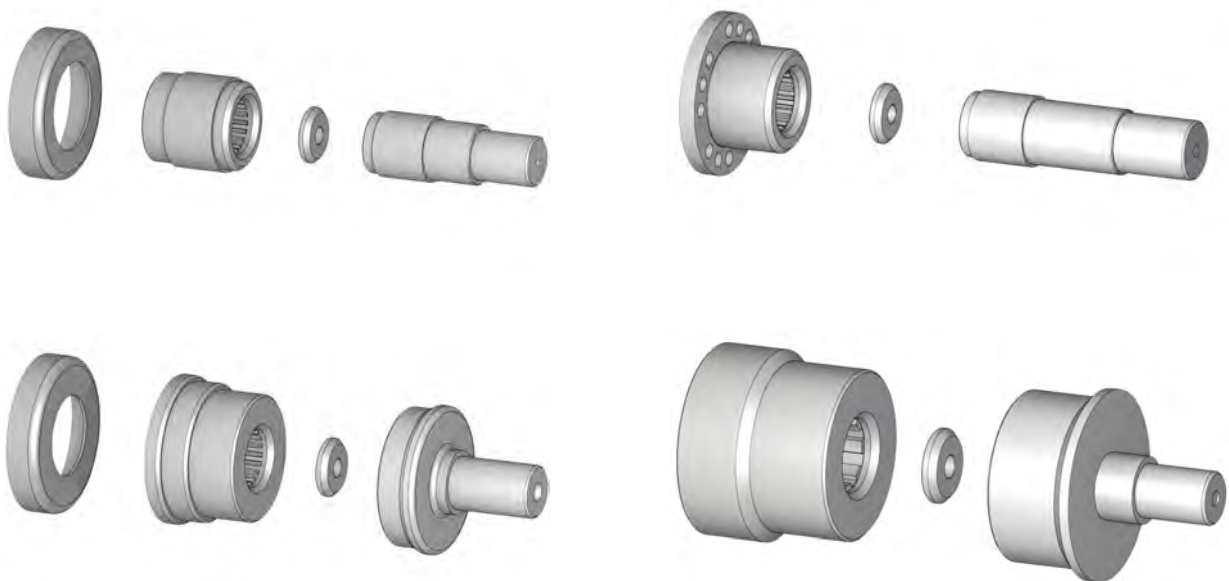
Plusieurs dimensions sont disponible. Le brochage, le diamètre ainsi que la longueur sont à définir.

Several dimensions are available. Broaching, diameter and length must be define.

Manchons clavetés / Couplings with key



Manchons à cannelures / Couplings with splines



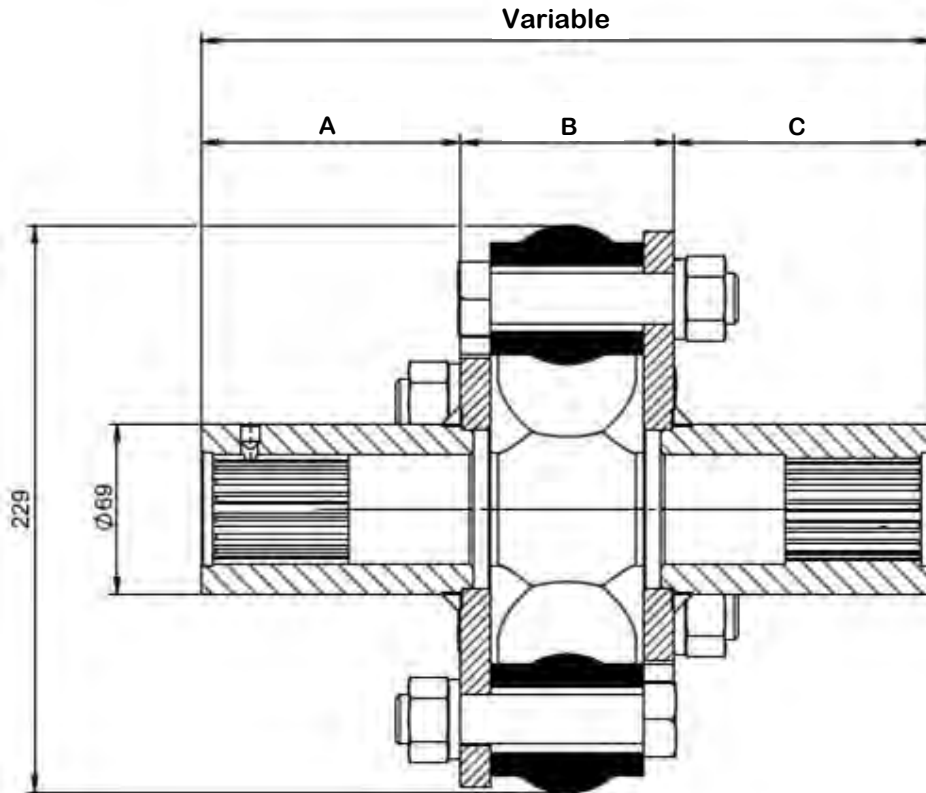
Exemple de manchons pour hérissons / Example of couplings for beaters



ACCOUPLLEMENT / CONECTION
JUBOFLEX



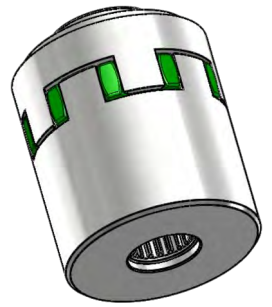
Divers possibilités, plan sur demande
Several possibilites, drawing on request



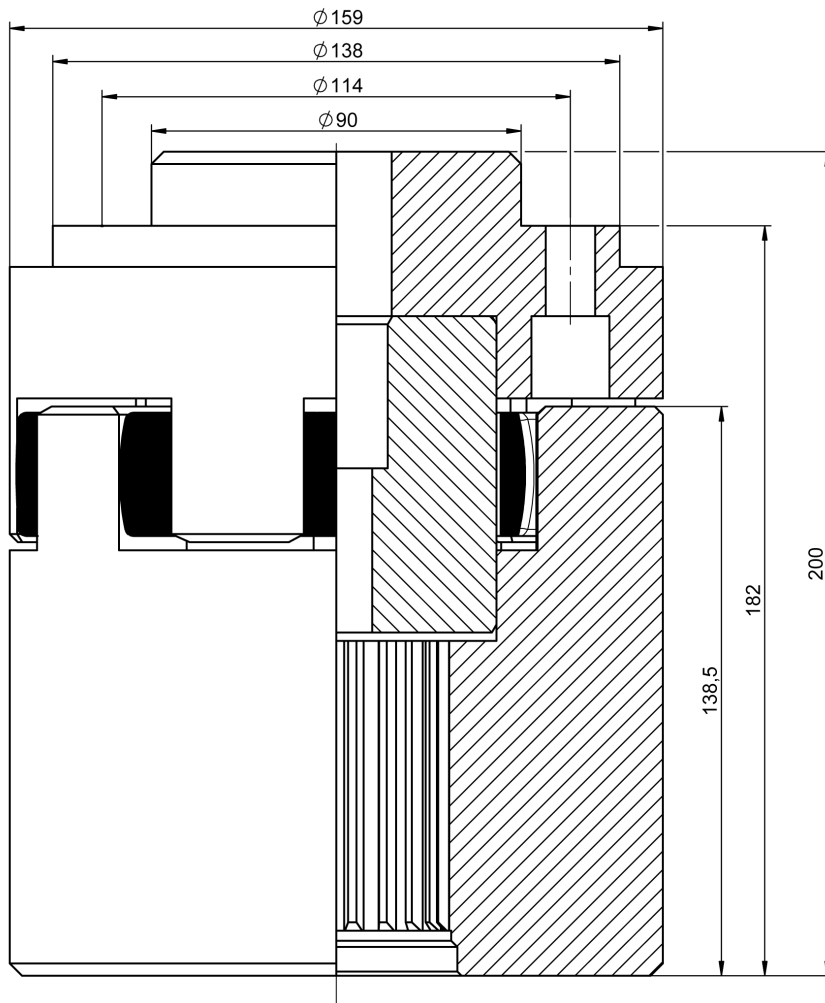
A - C		B
Ø 45 LONG 70 MM (OUT. Ø 68 MM)	Ø 55 (20) LONG 72 MM (OUT. Ø 79 MM)	632500 COUPLE MAX 1500 Nm / MAX TORQUE 1500 Nm
Ø 45 (16) LONG 70 MM (OUT. Ø 69 MM)	Ø 1"3/8 (6) LONG 80 MM (OUT. Ø 59 MM)	
Ø 45 (16) LONG 110 MM (OUT. Ø 79 MM)	Ø 1"3/8 (6) LONG 128 MM (OUT. Ø 59 MM)	
Ø 45 (16) LONG 120 MM (OUT. Ø 64 MM)	Ø 1"3/4 (6) LONG 49 MM (OUT. Ø 69 MM)	
Ø 50 LONG 112 MM (OUT. Ø 70 MM)	Ø 1"3/4 (6) LONG 42 MM (OUT. Ø 69 MM)	



ACCOUPLLEMENT / CONECTION
ETOILE



Divers possibilités, plan sur demande
Several possibilities, drawing on request



Couple Nominal 2400 Nm, Nominal Torque 2400 Nm,
Couple Maxi 4800 Nm, Maximum Torque 4800 Nm,



ENSEMBLE HERISSONS / SPREADING BACK

Divers ensemble h rissons, plan sur demande
Several spreading back, technical drawing on request



EH169 Entraxe 550 mm Larg. 1258 mm



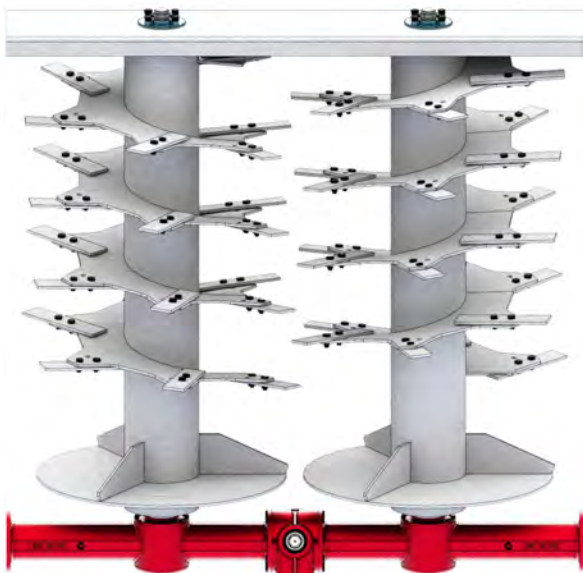
EH208 Entraxe 670 mm Larg. 1500 mm



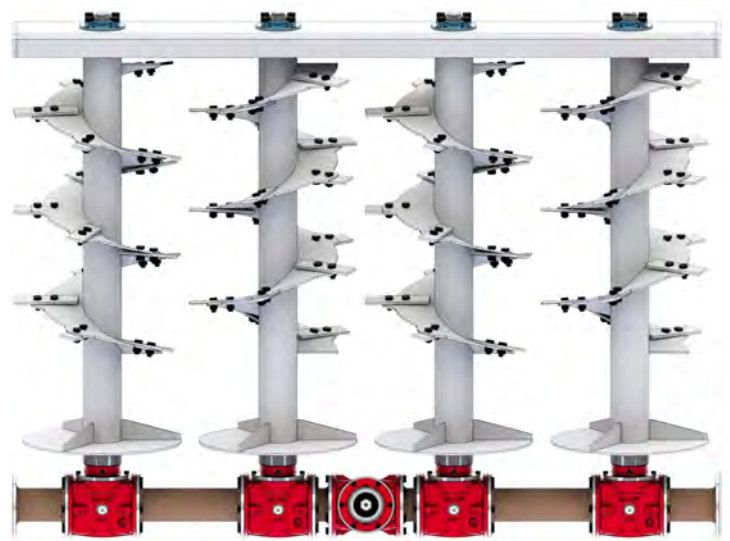
EH670 Entraxe 670 mm Larg. 1500 mm



EH780 Entraxe 780 mm Larg. 1710 mm



EH930 Entraxe 930 mm Larg. 2000 mm



EH1566 Entraxe 522 mm Larg. 2100 mm

Autres entraxes possibles / Other entraxe possible



ARBRE TRAVERSANT REDUCTEUR OU RAPPORT 1/1 / THROUGH SHAFT REDUCER OR RATIO 1/1

N°1	N°2	N°3	N°4	N°5	N°6
N°9	N°10	N°11	N°12	N°17	N°18

ARBRE TRAVERSANT MULTIPLICATEUR / THROUGH SHAFT MULTIPLIER

N°51	N°52	N°53	N°54	N°55	N°56
N°69	N°70	N°71	N°72	N°77	N°78

MONTAGE VERTICAL HORIZONTAL / VERTICAL OR HORIZONTAL POSITION

H1	H2	H3	H4	H5	H6
V1	V2	V3	V4	V5	V6

POSITIONS DE MONTAGE / MOUNTING POSITION

HH	HV	VH	VB
----	----	----	----