Intelligent Drivesystems, Worldwide Services

EN

G1014

IE1 Standard IE2 IE3

NORDBLOC.1 2-stage helical-bevel gear unit

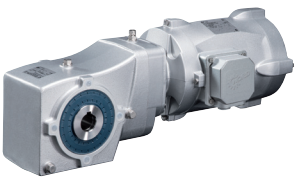
SK 92072.1 – SK 92772.1
SK 93072.1 – SK 93772.1

NORD DRIVESYSTEMS

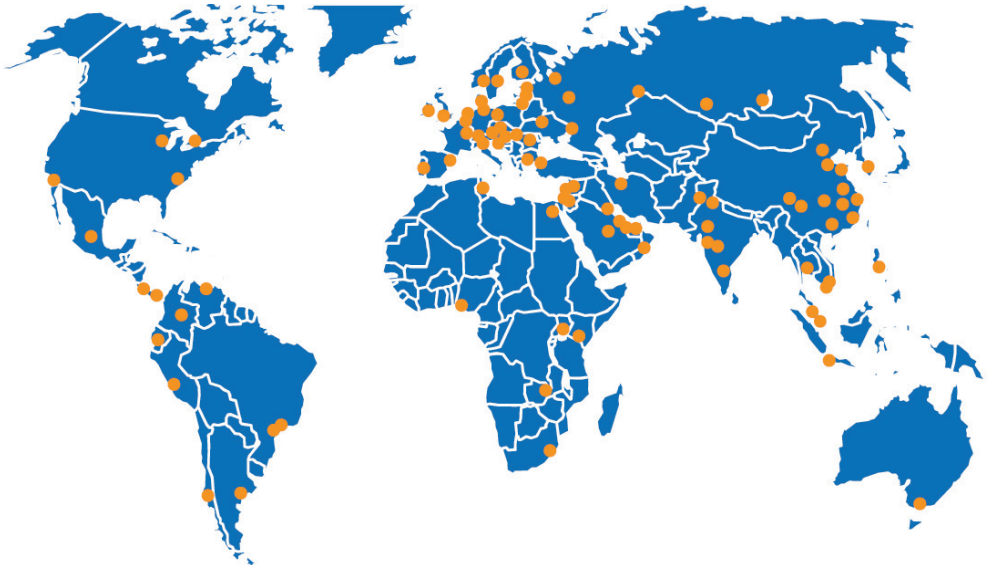
Contents

SK 92072.1 - SK 92772.1

SK 93072.1 - SK 93772.1



NORD WORLDWIDE



Global presence

- **NORD** has subsidiaries in 36 countries
- withits representatives **NORD** is present in 52 countries
- Service and sales partner
- Technical support
- Support for installation and commissioning
- Spare parts management

NORD DRIVESYSTEMS with its headquarters in Bargteheide near Hamburg and subsidiaries in 36 countries is a global company with an extensive range of products and services for electrical, mechanical and electronic drive technology.

With a staff of approx. 3100 in its German factories and international production facilities, NORD produces and distributes drive technology for the global market.

The design of user-specific drive solutions with close customer support from the planning phase right up to commissioning is what makes NORD a strong and dependable partner.

We consider 24-hour service, fast availability and being close to our customers as both a responsibility and an obligation, just as you can expect from a leading drive manufacturer such as NORD.

PRODUCTION SITES

NORD headquarters
Bargteheide

NORD Electronic DRIVESYSTEMS
Aurich

NORD gear factory Glinde

NORD Production Technology in
Gadebusch

SOME OF OUR OVERSEAS PRODUCTION FACILITIES

Vieux Thann
France

Nowa Sol
Poland

Waunakee, Wisconsin
USA

Suzhou
China

2-stage bevel helical gear unit
Series SK 92072.1 - SK 92772.1
SK 93072.1 - SK 93772.1

Introduction

The 2-stage bevel helical gear unit series is available in 5 sizes and two series.

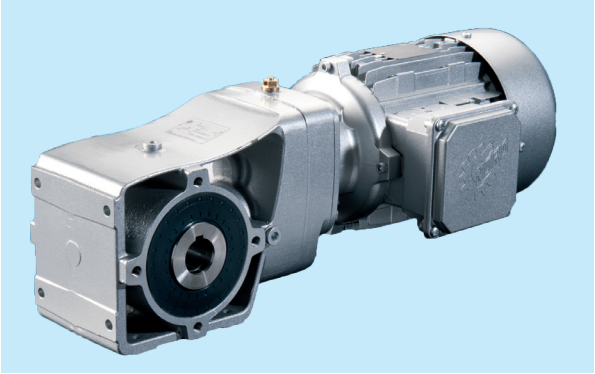
- SK92072.1 SK93072.1
- SK92172.1 SK93172.1
- SK92372.1 SK93372.1
- SK92672.1 SK93672.1
- SK92772.1 SK93772.1

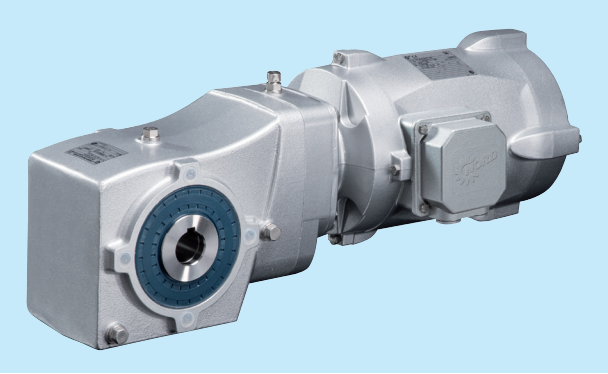
Two series are available in all sizes.

- **SK92072.1 - SK92772.1**
  Serie - die cast housing series as universal housing with B14 flange and B5 foot mounting facility
- **SK93072.1 - SK93772.1**
  Serie - cast housing series with smooth, closed surfaces, B14 flange

This results in the 4 basic versions of the gear unit (see pictures).

- **SK92072.1 - SK92772.1 A**
  Die cast housing, B14 flange attachment, hollow shaft version, B5 foot-mounted version
- **SK93072.1 - SK93772.1 A**
  Cast housing, B14 flange attachment, hollow shaft version
- **SK92072.1 - SK92772.1 V**
  Die cast housing, B14 flange attachment, solid shaft version, B5 foot-mounted version
- **SK93072.1 - SK93772.1 V**
  Cast housing, B14 flange attachment, solid shaft version

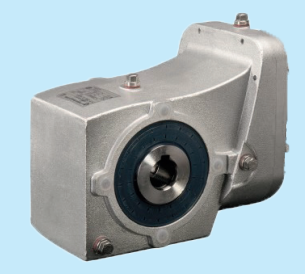




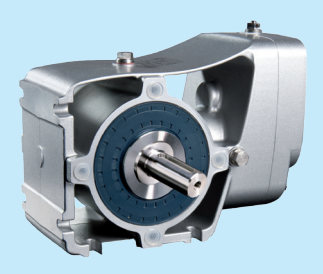
Basic versions

SK92072.1 - SK92772.1 A

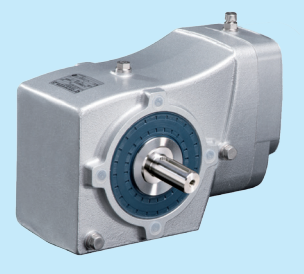
SK93072.1 - SK93772.1 A



SK92072.1 - SK92772.1 V



SK93072.1 - SK93772.1 V



With the SK93072.1 - SK93772.1 version it is possible to machine the horizontal and vertical surfaces of the housing in order to achieve the axis heights of the SK92072.1 - SK92772.1 series. It is also possible to position threaded holes in the same location as the foot mounting holes of the SK92072.1 - SK92772.1 series, so that this housing can be optionally converted to a foot mounted housing with **B14 attachment**. **On request, this version can also be implemented by reworking.**

All sizes and series can be supplied with the following option configurations:

- D Torque support
- F B5 Output flange
- ASH Shrink disc version with cover
- B Fixing element
- H Cover (for hollow shaft version)
- L Solid shaft on both sides

On the drive side, the following versions are available:

- Direct motor attachment
- IEC adapter
- NEMA Adapter
- W cylinder

For all versions the die cast or cast housing can be optionally treated with nsd tupH.

Structure of power and speed tables - Type Gear unit motor

0,55 kW ⟶ Gear unit motor power

Rated motor power

Output speed at the rated motor speed

Output torque

Service factor

Total gear unit reduction ratio

Gear unit motor types
with standard IE1 efficiency level | with high IE2 IE3 efficiency level

Weight

Dimension drawing
see page

P_1	n_2 IE2	M_2	f_B	i_{ges}	F_R	F_A	$F_{R\,VL}$	$F_{A\,VL}$	Gear unit motor			IE1	mm
[kW]	[min^{-1}]	[Nm]			[kN]		[kN]		IE1	IE2	IE3	kg	
0,55	21	248	2,0	66,96	10,2	25,0	-	-	**SK 92772.1 - 80 S/4**	**SK 92772.1 - 80 SH/4**		43,8	B26-27
	24	221	2,0	59,68	10,2	25,0	-	-					
	27	195	3,0	52,64	10,3	25,0	-	-					
	30	174	3,0	46,92	10,3	25,0	-	-					
	33	161	3,9	43,44	10,3	25,0	-	-					
									SK 93772.1 - 80 S/4	**SK 93772.1 - 80 SH/4**			B36-37
0,75	21	339	1,4	66,96	10,0	25,0	-	-	**SK 92772.1 - 80 L/4**	**SK 92772.1 - 80 LH/4**	**SK 92772.1 - 80 LP/4**	45,0	B26-27
	24	302	1,4	59,68	10,1	25,0	-	-					
	27	266	2,2	52,64	10,1	25,0	-	-					
	30	237	2,2	46,92	10,2	25,0	-	-					
	⋮												
									SK 93772.1 - 80 L/4	**SK 93772.1 - 80 LH/4**	**SK 93772.1 - 80 LP/4**		B36-37

Permitted overhung force, output end
Normal bearing
the listed values for F_R
are calculated with $F_A = 0$

Permitted axial force, output end
Normal bearing
the listed values for F_A
are calculated with $F_R = 0$

According to the ecological design directive, known as EU Directive 2009/125/EU Ordinance No. 640/2009, at present only motors of at least efficiency class IE2 may be sold in the European Union for certain applications in the power range from 0.75 kW to 375 kW.
NORD already supplies motors with efficiency class IE2 from a power of 0.55 kW, even though this is only mandatory above a power of 0.75 kW. In addition, NORD already supplies highly efficient IE3 motors, which will only become mandatory from 2015 or 2017.
However, depending on the application, the previously used lower efficiency motors, e.g. ith efficiency class IE1 may also be used.

The exempted applications are listed on page ⇨🕮A5 of the NORD motor catalogue M7000.

The power and speed ratio tables for gear units and geared motors apply for both geared motor types with the high efficiency levels IE2 and IE3 as well as for geared motor types with standard efficiency (IE1).

The output speeds n2, output torques M2 and operating factors fB are based on motor powers of 0.55 kW and above for NORD motors with efficiency level IE2, and rated motor powers less than 0.55 kW are based on the nominal speeds of NORD motors with efficiency class IE1.

Regardless of the efficiency class which is actually selected, the output speeds n_2, output torques M2 and operating factors fB as listed in the power and speed tables always give sufficiently accurate results, as the deviation in speed due to the efficiency class is at the most 3% for IE1 and IE3.
Usually, other influences, e.g. the torque required by the application (idling, partial load, full load) have a greater effect on the precise speed.

Please contact us in case you have very high requirements for precise speed.

The NORD motor catalogue M7000 lists the motor data for the various efficiency classes IE1, IE2, IE3.

Structure of the Performance Tables: Type W and type IEC

SK 92772.1 - IEC
SK 92772.1 - W → **Gear unit type**

Operating factors f_B with the IEC version are identical to the those of the same motor output with direct motor mounting. The f_B values are listed on the pages specified.

IEC motor sizes and IEC standard outputs as per DIN EN 50347

	i_{ges}	n_2 n_1= 1400min^{-1} [min^{-1}]	M_{2max} f_B = 1 [Nm]	W P_{1max} n_1 = 1400min^{-1} [kW]	W P_{1max} n_1= 930min^{-1} [kW]	W $f_B \geq 1$ n_1= 700min^{-1} [kW]	IEC f_B ⇨ B2-11 63	71	80	90	100	112	132
SK 92772.1	**66,96**	**21**	489	1,07	0,71	0,54				*			
	59,68	**23**	436	1,07	0,71	0,54				*			
	52,64	**27**	578	1,61	1,07	0,80							
	5,12	273	505	*9,20*	*6,11*	*4,60*							
	4,17	336	496	*9,20*	*6,11*	*4,60*							

Gear unit

Reduction

Output speed

Max. output torque type W with f_B = 1

italic indicates: with P1max the operating factor f_B > *1*

italic indicates: Max. drive power P_{1max} (Typ W)

non *italic* indicates: with P_{1max} the operating factor f_B = 1

Asterisk indicates: **Caution** do not exceed the max. driver power P_{1max} (Type W column)

Shaded field indicates: IEC adapter is available for this IEC motor size and this reduction ratio

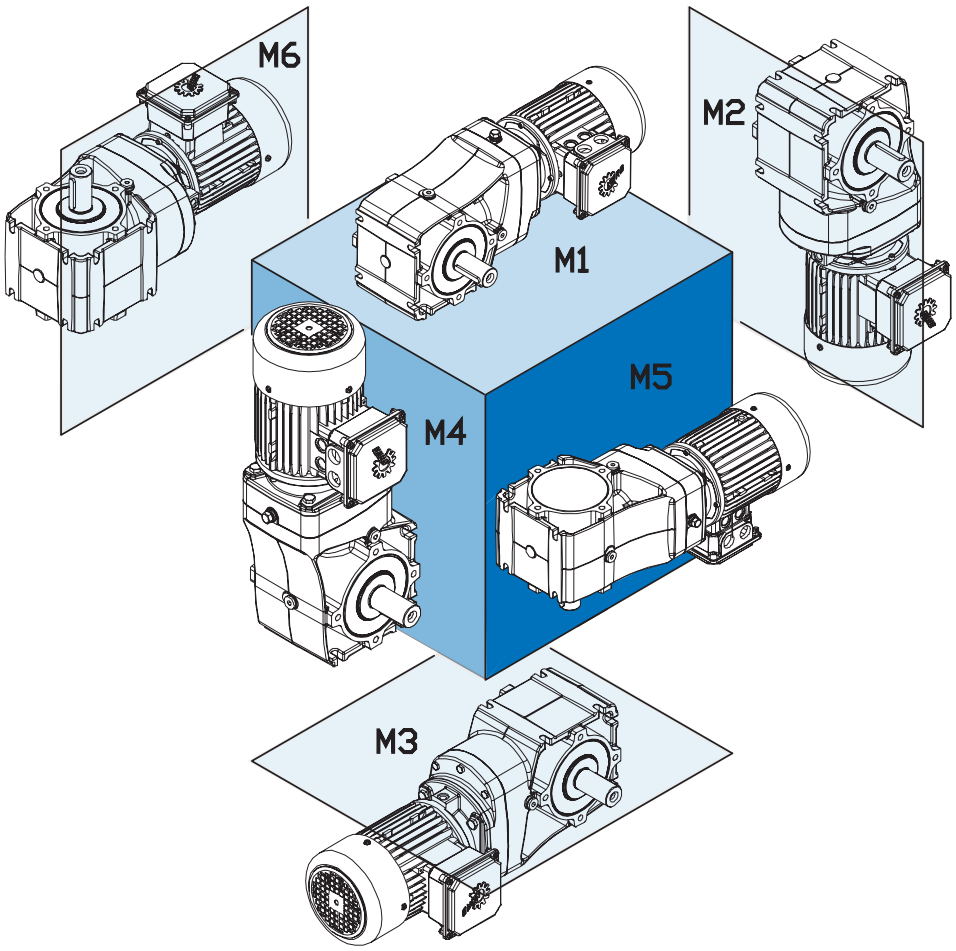
Tolerances

Category	Information
Output and input shafts	Tolerance of the hole (DIN 478) : Ø 14 - Ø 40 mm = ISO h6 Threaded holes : = Ø 14 - Ø 16 mm → M5 > Ø 16 - Ø 21 mm → M6 > Ø 21 - Ø 24 mm → M8 > Ø 24 - Ø 30 mm → M10 > Ø 30 - Ø 38 mm → M12 > Ø 38 - Ø 50 mm → M16
Hollow shaft	Tolerance of hollow shaft - Ø 14 (DIN 748) as per ISO H7
Keys	Keys acc. DIN 6885, page 1
Shaft height	Shaft height «h» as per DIN 747
Flanges **IEC adapters**	Tolerance of the hole - Ø as per DIN EN 50347 Tolerance of the flange centring - Ø as per ISO j6 Tolerance of the hole - Ø as per DIN EN 50347 Tolerance of the flange centring as per ISO H7
Motors	Dimensions of motors are subjectto change. g1Bre, kBre, oBre, mBre, nBre, pBre } Brake motor dimensions
Housings	The housings are made of cast materials. Thus, due to the manufacturing process, the dimensions of the un-machined housing surfaces may differ slightly from the nominal dimensions.
Thread	Fastening threads in cast components for use by customers (housing / IEC attachment adapter) are produced as standard threads according to DIN 13-1.

Installation positions - nomenclature

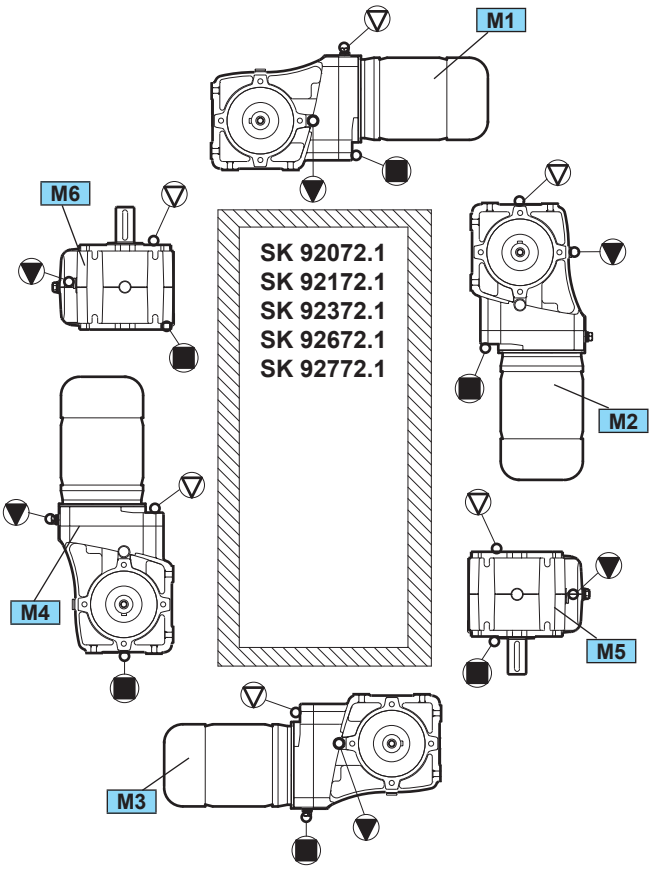
For gear units and geared motors, NORD specifies six installation positions from M1 to M6 as shown in the following diagrams. The relevant installation position must be stated when ordering.
Changes to the installation position require adjustment of the quantity of oil, and often other measures such as the installation of encapsulated roller bearings. Damage may result if the necessary measures are not observed. Tilted installation positions between the 6 basic positions are possible. Please contact us.

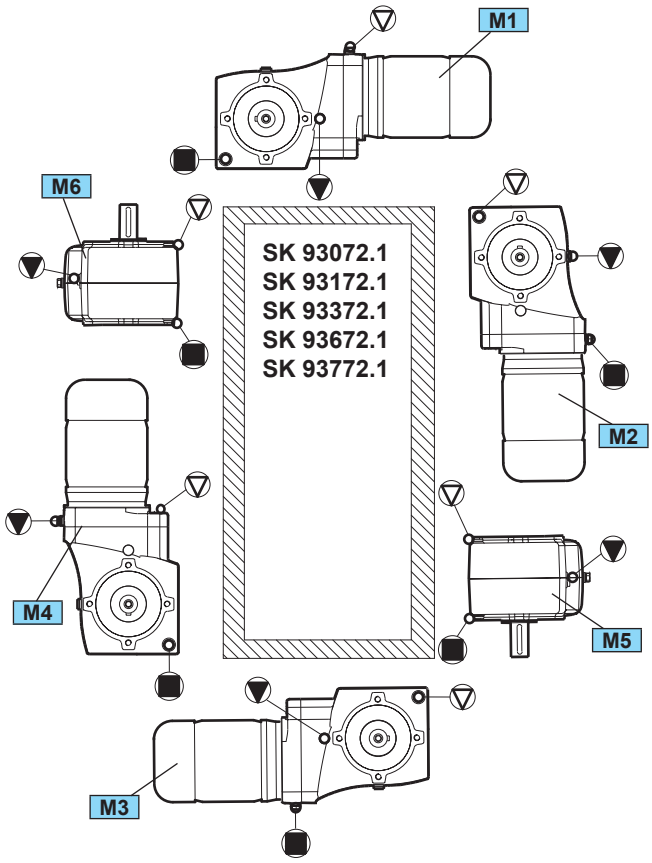
The versions, with the position of the oil level plug, the vent plug and the oil drain plug can be found on ⇨🕮A8



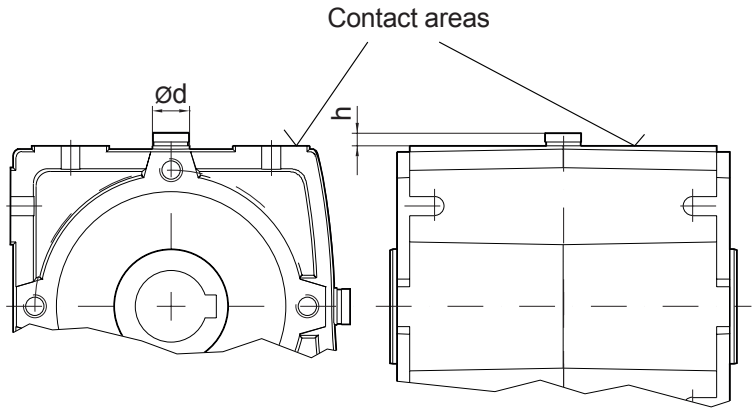
Symbols for oil screw plugs in the mounting positions

Vent	Oil level	Oil drain

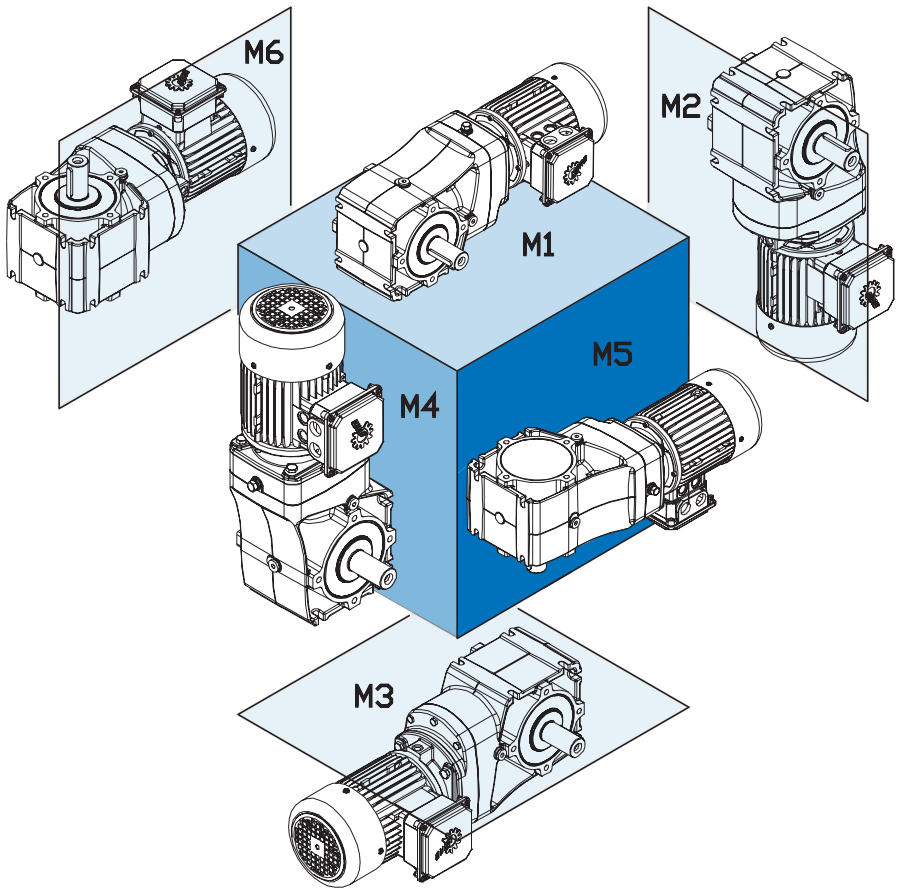


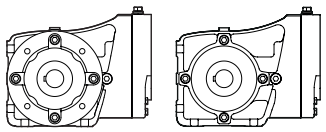
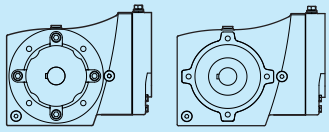


When installing NORD SK 92x72.1 gear units in installation position M2 (motor at bottom), make sure the vent screw protrudes over the contact areas. Refer to the table below for the required clearings **d** and **h** of the respective gear size. This should be considered for the customer‘s connection design.



Gear unit	Vent / Pressure ventilation	Ød [mm]	h [mm]
92072.1	M8 x 1,0	15	12
92172.1	M10 x 1,0	17	15
92372.1	M12 x 1,5	21	15
92672.1	M12 x 1,5	21	15
92772.1	M12 x 1,5	21	15



Type		[L]					
		M1	M2	M3	M4	M5	M6
	SK 92072.1	0,260	0,490	0,420	0,540	0,290	0,310
	SK 92172.1	0,340	0,610	0,550	0,670	0,420	0,480
	SK 92372.1	0,430	0,920	0,860	1,100	0,590	0,620
	SK 92672.1	0,850	1,600	1,400	1,850	1,050	1,220
	SK 92772.1	1,450	2,650	1,950	2,700	1,600	1,700
	SK 93072.1	0,390	0,930	0,790	1,020	0,490	0,620
	SK 93172.1	0,600	1,170	0,940	1,370	0,650	0,850
	SK 93372.1	1,000	1,970	1,650	2,140	1,120	1,340
	SK 93672.1	1,800	3,230	2,710	4,200	2,020	2,450
	SK93772.1	2,720	4,630	3,700	5,400	2,930	3,250

Painting

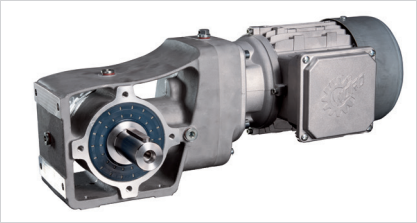
In the NORD gear units series SK 92x72.1 is important to note that a painting up to max. F2 (series) is possible.
For the painting of the NORD gear unit series SK 93x72.1 there are no restrictions.

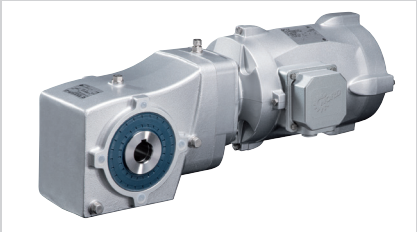
Type	Version	TFD [µm]	TFD total [µm]	EN 12944 Corro.-Cat.	Recommended use
F1	1 x 1-K dip-primed, red-brown (cast iron components) and 1 x Two-shot polyurethane primer (2-K-PUR primer)	40 60	60-100		For top-coat to be applied by customer
F2 Series	1 x 1-K dip-primed, red-brown (cast iron components) and 1 x 2-K polyurethane (2-K-PUR)HS finishing coat	40 50	50-90	C2	For indoor installation
F3.0	1 x 1-K dip-primed, red-brown (cast iron components) and 1 x Two-shot polyurethane primer (2-K-PUR primer) and 1 x 2-K polyurethane (2-K PUR)HS finishing coat	40 60 50	110-150	C2	For indoor and protected outdoor installation with low environmental contamination, e.g. open, unheated halls
F3.1	1 x 1-K dip-primed, red-brown (cast iron components) and 1 x Two-shot polyurethane primer (2-K-PUR primer) and 2 x 2-K polyurethane (2-K PUR)HS finishing coat	40 60 2x50	160-200	C3	For outdoor installation, city and industrial atmosphere with low contamination
F3.2	1 x 1-K dip-primed, red-brown (cast iron components) and 2 x Two-shot polyurethane primer (2-K-PUR primer) and 2 x 2-K polyurethane (2-K PUR)HS finishing coat	40 2x60 2x50	220-260	C4	For outdoor installation, urban and industrial atmospheres with moderate environmental pollution
F3.3	Sandblast all dip-primed cast iron parts, includes version Z as described below and 1 x 1-K dip-primed, red-brown (cast iron components) and 2 x Two-shot EP zinc phosphate epoxy primer and 2 x 2-K polyurethane (2-K PUR)HS finishing coat	 40 2x50 2x50	200-240	C5	For outdoor installation, urban and industrial atmospheres with high environmental pollution
F3.4	1 x 1-K dip-primed, red-brown (cast iron components) and 1 x Two-shot EP zinc phosphate epoxy primer and 1 x ALEXIT chemical resistant final coat	40 50 50	100-140		For normal chemical exposure
F3.5	1 x 1-K dip-primed, red-brown (cast iron components) and 1 x Two-shot EP zinc phosphate epoxy primer and 1 x ALEXIT final coat	40 50 50	100-140		Machinery for the packaging of foods
A	Additional anti-microbial coating for all paints types except F3.4 and F3.5	25			
Z	Compensation of contour depressions and crevices with seam sealer on polyurethane basis				

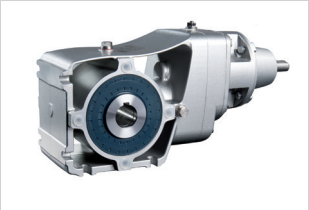
1-K = single component 2-K = two-component, TFD = Dry film thickness max. [µm], HS = high solids

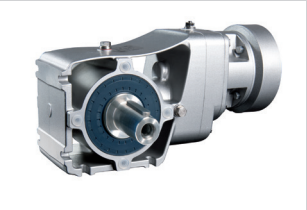
2-stage bevel helical gear unit

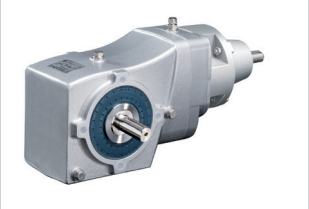
Series SK 92072.1- SK 92772.1
SK 93072.1- SK 93772.1

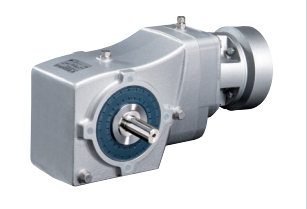






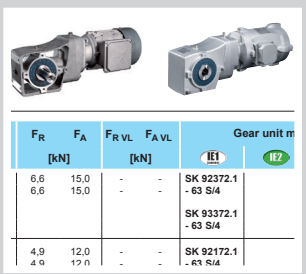




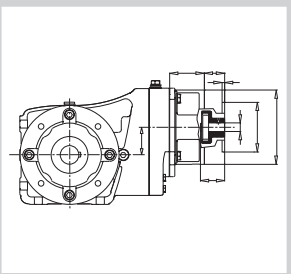


GEAR UNIT MOTOR DATA

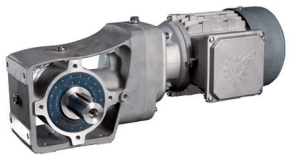
DIMENSIONED DRAWINGS

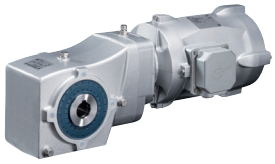


F_R	F_A	$F_{R\,VL}$	$F_{A\,VL}$	Gear unit m
[kN]		[kN]		IE1 / IE2
6,6	15,0	-	-	SK 92372.1 - 63 S/4
6,6	15,0	-	-	SK 93372.1 - 63 S/4
4,9	12,0	-	-	SK 92172.1 - 63 S/4

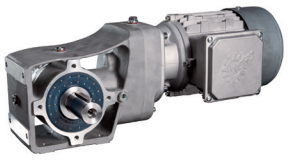


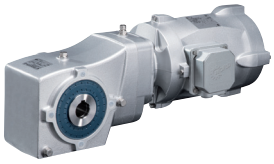
0,12 kW
0,18 kW





P_1	n_2 IE1	M_2	f_B	i_{ges}	F_R	F_A	$F_{R\,VL}$	$F_{A\,VL}$	Gear unit motor			IE1	mm
[kW]	[min^{-1}]	[Nm]			[kN]		[kN]		IE1	IE2	IE3	kg	
0,12	24	48	3,3	55,49	6,6	15,0	-	-	**SK 92372.1 - 63 S/4**			16,1	B22-23
	27	42	3,3	49,46	6,6	15,0	-	-					
									SK 93372.1 - 63 S/4				B32-32
	19	60	1,2	70,00	4,9	12,0	-	-	**SK 92172.1 - 63 S/4**			11,2	B20-21
	21	55	1,2	63,78	4,9	12,0	-	-					
	24	48	1,2	56,00	4,9	12,0	-	-					
	29	40	2,3	46,43	4,9	12,0	-	-					
	32	36	2,8	42,30	4,9	12,0	-	-					
	34	33	2,8	38,75	4,9	12,0	-	-					
	36	32	2,8	37,14	4,9	12,0	-	-					
	38	30	3,6	35,31	4,9	12,0	-	-					
	43	27	4,1	31,00	4,9	12,0	-	-					
	47	24	4,5	28,24	4,9	12,0	-	-					
	47	24	4,5	28,24	4,9	12,0	-	-					
	54	21	5,6	24,80	4,9	12,0	-	-					
	54	21	5,6	24,80	4,9	12,0	-	-					
	65	18	5,9	20,67	4,9	12,0	-	-					
	65	18	5,9	20,67	4,9	12,0	-	-					
	88	13	7,1	15,23	4,9	12,0	-	-					
	96	12	9,1	13,87	4,9	12,0	-	-					
									SK 93172.1 - 63 S/4				B30-31
	22	53	1,1	61,88	5,0	9,0	-	-	**SK 92072.1 - 63 S/4**			9,5	B18-19
	25	46	1,1	53,78	5,0	9,0	-	-					
	28	41	1,1	47,67	5,0	9,0	-	-					
	33	35	1,7	40,98	5,0	9,0	-	-					
	37	31	2,1	35,62	5,0	9,0	-	-					
	42	27	2,4	31,57	5,0	9,0	-	-					
	49	23	2,8	27,16	5,0	9,0	-	-					
	55	21	3,8	24,07	5,0	9,0	-	-					
	64	18	4,5	20,80	5,0	9,0	-	-					
	72	16	3,8	18,52	5,0	9,0	-	-					
	83	14	4,8	16,00	5,0	9,0	-	-					
	104	11	5,4	12,78	5,0	9,0	-	-					
	120	10	6,8	11,11	5,0	9,0	-	-					
	136	8	9,0	9,85	5,0	9,0	-	-					
	154	7	9,9	8,67	5,0	9,0	-	-					
	176	7	11,1	7,58	5,0	9,0	-	-					
	200	6	11,9	6,67	5,0	9,0	-	-					
	229	5	14,4	5,83	5,0	9,0	-	-					
	258	4	15,1	5,17	4,8	9,0	-	-					
	287	4	16,3	4,65	4,6	8,8	-	-					
	336	3	19,9	3,97	4,4	8,4	-	-					
	373	3	21,5	3,58	4,3	8,1	-	-					
									SK 93072.1 - 63 S/4				B28-29
0,18	25	70	2,3	55,49	6,6	15,0	-	-	**SK 92372.1 - 63 L/4**			16,7	B22-23
	27	63	2,3	49,46	6,6	15,0	-	-					
	29	59	3,1	46,64	6,6	15,0	-	-					
	33	52	3,5	41,46	6,6	15,0	-	-					
									SK 93372.1 - 63 L/4				B32-33
	19	88	0,8	70,00	4,8	12,0	-	-	**SK 92172.1 - 63 L/4**			11,8	B20-21
	21	81	0,8	63,78	4,8	12,0	-	-					
	24	71	0,8	56,00	4,8	12,0	-	-					
	29	59	1,6	46,43	4,9	12,0	-	-					
	32	53	1,9	42,30	4,9	12,0	-	-					
	35	49	1,9	38,75	4,9	12,0	-	-					
	37	47	1,9	37,14	4,9	12,0	-	-					
	39	45	2,4	35,31	4,9	12,0	-	-					
	44	39	2,8	31,00	4,9	12,0	-	-					
									SK 93172.1 - 63 L/4				B30-31

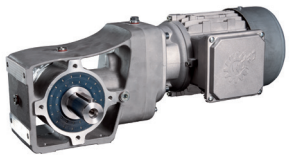


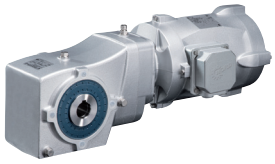


0,18 kW
0,25 kW

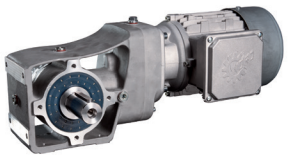
P_1	n_2 IE1	M_2	f_B	i_{ges}	F_R	F_A	$F_{R\,VL}$	$F_{A\,VL}$	Gear unit motor			IE1	mm
[kW]	[min^{-1}]	[Nm]			[kN]		[kN]		IE1	IE2	IE3	kg	
0,18	48	36	3,0	28,24	4,9	12,0	-	-	**SK 92172.1 - 63 L/4**			11,8	B20-21
	55	31	3,8	24,80	4,9	12,0	-	-					
	66	26	4,0	20,67	4,9	12,0	-	-					
	89	19	4,8	15,23	4,9	12,0	-	-					
	98	18	6,2	13,87	4,9	12,0	-	-					
									SK 93172.1 - 63 L/4				B30-31
	22	78	0,8	61,88	5,0	9,0	-	-	**SK 92072.1 - 63 L/4**			10,1	B18-19
	25	68	0,8	53,78	5,0	9,0	-	-					
	29	60	0,8	47,67	5,0	9,0	-	-					
	33	52	1,1	40,98	5,0	9,0	-	-					
	38	45	1,4	35,62	5,0	9,0	-	-					
	43	40	1,6	31,57	5,0	9,0	-	-					
	50	34	1,9	27,16	5,0	9,0	-	-					
	56	30	2,6	24,07	5,0	9,0	-	-					
	65	26	3,1	20,80	5,0	9,0	-	-					
	73	23	2,6	18,52	5,0	9,0	-	-					
	85	20	3,3	16,00	5,0	9,0	-	-					
	106	16	3,7	12,78	5,0	9,0	-	-					
	122	14	4,6	11,11	5,0	9,0	-	-					
	138	12	6,1	9,85	5,0	9,0	-	-					
	157	11	6,8	8,67	5,0	9,0	-	-					
	180	10	7,5	7,58	5,0	9,0	-	-					
	204	8	8,1	6,67	5,0	9,0	-	-					
	233	7	9,8	5,83	4,9	9,0	-	-					
	263	7	10,3	5,17	4,7	9,0	-	-					
	292	6	11,0	4,65	4,6	8,7	-	-					
	342	5	13,5	3,97	4,4	8,3	-	-					
	380	5	14,6	3,58	4,2	8,0	-	-					
									SK 93072.1 - 63 L/4				B28-29
0,25	21	116	4,2	66,96	10,4	25,0	-	-	**SK 92772.1 - 71 S/4**			40,2	B26-27
	23	103	4,2	59,68	10,4	25,0	-	-					
									SK 93772.1 - 71 S/4				B36-37
	28	84	3,8	48,56	8,4	20,0	-	-	**SK 92672.1 - 71 S/4**			28,8	B24-25
									SK 93672.1 - 71 S/4				B34-35
	25	96	1,6	55,49	6,5	15,0	-	-	**SK 92372.1 - 71 S/4**			17,9	B22-23
	28	86	1,6	49,46	6,5	15,0	-	-					
	30	81	2,3	46,64	6,5	15,0	-	-					
	33	72	2,6	41,46	6,6	15,0	-	-					
	38	64	2,9	36,80	6,6	15,0	-	-					
	42	57	3,5	32,80	6,6	15,0	-	-					
									SK 93372.1 - 71 S/4				B32-33
	30	80	1,2	46,43	4,8	12,0	-	-	**SK 92172.1 - 71 S/4**			13,0	B20-21
	33	73	1,4	42,30	4,8	12,0	-	-					
	36	67	1,4	38,75	4,8	12,0	-	-					
	37	64	1,4	37,14	4,8	12,0	-	-					
	39	61	1,8	35,31	4,9	12,0	-	-					
	45	54	2,0	31,00	4,9	12,0	-	-					
	49	49	2,2	28,24	4,9	12,0	-	-					
	56	43	2,8	24,80	4,9	12,0	-	-					
	67	36	2,9	20,67	4,9	12,0	-	-					
	91	26	3,5	15,23	4,9	12,0	-	-					
	99	24	4,5	13,87	4,9	12,0	-	-					
									SK 93172.1 - 71 S/4				B30-31

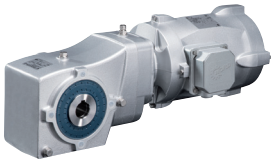
0,25 kW
0,37 kW





P_1	n_2 IE1	M_2	f_B	i_{ges}	F_R	F_A	$F_{R\,VL}$	$F_{A\,VL}$	Gear unit motor			IE1	mm
[kW]	[min^{-1}]	[Nm]			[kN]		[kN]		IE1	IE2	IE3	kg	
0,25	34	71	0,8	40,98	5,0	9,0	-	-	**SK 92072.1 - 71 S/4**			11,3	B18-19
	39	62	1,1	35,62	5,0	9,0	-	-					
	44	55	1,2	31,57	5,0	9,0	-	-					
	51	47	1,4	27,16	5,0	9,0	-	-					
	57	42	1,9	24,07	5,0	9,0	-	-					
	66	36	2,3	20,80	5,0	9,0	-	-					
	75	32	1,9	18,52	5,0	9,0	-	-					
	86	28	2,4	16,00	5,0	9,0	-	-					
	108	22	2,7	12,78	5,0	9,0	-						
	124	19	3,4	11,11	5,0	9,0	-	-					
	140	17	4,5	9,85	5,0	9,0	-	-					
	159	15	4,9	8,67	5,0	9,0	-	-					
	182	13	5,5	7,58	5,0	9,0	-	-					
	207	12	5,9	6,67	5,0	9,0	-	-					
	237	10	7,1	5,83	4,9	9,0	-	-					
	267	9	7,5	5,17	4,7	8,9	-	-					
	296	8	8,1	4,65	4,5	8,6	-	-					
	347	7	9,9	3,97	4,3	8,2	-	-					
	385	6	10,7	3,58	4,2	7,9	-	-	**SK 93072.1 - 71 S/4**				B28-29
0,37	21	171	2,9	66,96	10,3	25,0	-	-	**SK 92772.1 - 71 L/4**			41,1	B26-27
	23	153	2,9	59,68	10,4	25,0	-	-	**SK 93772.1 - 71 L/4**				B36-37
	28	124	2,6	48,56	8,4	20,0	-	-	**SK 92672.1 - 71 L/4**			29,7	B24-25
	32	111	2,8	43,28	8,4	20,0	-	-					
	79	45	7,1	17,46	8,5	20,0	-	-	**SK 93672.1 - 71 L/4**				B34-35
	25	142	1,1	55,49	6,4	15,0	-	-	**SK 92372.1 - 71 L/4**			18,8	B22-23
	28	127	1,1	49,46	6,4	15,0	-	-					
	30	119	1,5	46,64	6,4	15,0	-	-					
	33	106	1,7	41,46	6,5	15,0	-	-					
	38	94	2,0	36,80	6,5	15,0	-	-					
	42	84	2,4	32,80	6,5	15,0	-	-	**SK 93372.1 - 71 L/4**				B32-33
	36	99	0,9	38,75	4,7	12,0	-	-	**SK 92172.1 - 71 L/4**			13,9	B20-21
	39	90	1,2	35,31	4,7	12,0	-	-					
	45	79	1,4	31,00	4,8	12,0	-	-					
	49	72	1,5	28,24	4,8	12,0	-	-					
	56	63	1,9	24,80	4,8	12,0	-	-					
	67	53	2,0	20,67	4,9	12,0	-	-					
	91	39	2,4	15,23	4,9	12,0	-	-					
	99	36	3,0	13,87	4,9	12,0	-	-					
	112	32	3,4	12,34	4,9	12,0	-	-					
	113	31	3,7	12,18	4,9	12,0	-	-	**SK 93172.1 - 71 L/4**				B30-31
	51	70	0,9	27,16	5,0	9,0	-	-	**SK 92072.1 - 71 L/4**			12,2	B18-19
	57	62	1,3	24,07	5,0	9,0	-	-					
	66	53	1,5	20,80	5,0	9,0	-	-					
	75	47	1,3	18,52	5,0	9,0	-	-					
	86	41	1,6	16,00	5,0	9,0	-	-					
	108	33	1,8	12,78	5,0	9,0	-	-					
	124	28	2,3	11,11	5,0	9,0	-	-					
	140	25	3,0	9,85	5,0	9,0	-	-					
	159	22	3,3	8,67	5,0	9,0	-	-					
	182	19	3,7	7,58	5,0	9,0	-	-					
	207	17	4,0	6,67	5,0	9,0	-	-					
	237	15	4,8	5,83	4,8	9,0	-	-					
	267	13	5,1	5,17	4,6	8,7	-	-					
	296	12	5,5	4,65	4,5	8,5	-	-					
	347	10	6,7	3,97	4,3	8,1	-	-					
	385	9	7,2	3,58	4,1	7,8	-	-	**SK 93072.1 - 71 L/4**				B28-29

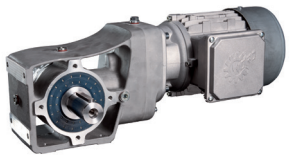


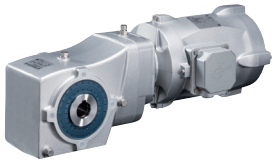


0,55 kW

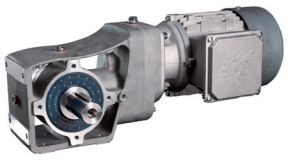
P_1	n_2 IE1	M_2	f_B	i_{ges}	F_R	F_A	$F_{R\,VL}$	$F_{A\,VL}$	Gear unit motor			IE2	mm
[kW]	[min^{-1}]	[Nm]			[kN]		[kN]		IE1	IE2	IE3	kg	
0,55	21	248	2,0	66,96	10,2	25,0	-	-	**SK 92772.1 - 80 S/4**	**SK 92772.1 - 80 SH/4**		43,8	B26-27
	24	221	2,0	59,68	10,2	25,0	-	-					
	27	195	3,0	52,64	10,3	25,0	-	-					
	30	174	3,0	46,92	10,3	25,0	-	-					
	33	161	3,9	43,44	10,3	25,0	-	-					
									SK 93772.1 - 80 S/4	**SK 93772.1 - 80 SH/4**			B36-37
	29	180	1,8	48,56	8,2	20,0	-	-	**SK 92672.1 - 80 S/4**	**SK 92672.1 - 80 SH/4**		32,4	B24-25
	33	160	1,9	43,28	8,3	20,0	-	-					
	38	140	2,3	37,82	8,3	20,0	-	-					
	42	125	2,9	33,71	8,4	20,0	-	-					
	46	113	2,8	30,67	8,4	20,0	-	-					
	52	101	3,6	27,33	8,4	20,0	-	-					
									SK 93672.1 - 80 S/4	**SK 93672.1 - 80 SH/4**			B34-35
	30	173	1,1	46,64	6,2	15,0	-	-	**SK 92372.1 - 80 S/4**	**SK 92372.1 - 80 SH/4**		21,5	B22-23
	34	153	1,2	41,46	6,3	15,0	-	-					
	39	136	1,4	36,80	6,4	15,0	-	-					
	43	121	1,6	32,80	6,4	15,0	-	-					
	51	104	1,8	28,11	6,5	15,0	-	-					
	57	93	2,4	25,06	6,5	15,0	-	-					
	63	83	2,2	22,49	6,5	15,0	-	-					
	71	74	3,0	20,04	6,5	15,0	-	-					
	77	68	2,7	18,33	6,6	15,0	-	-					
	90	59	3,1	15,84	6,6	15,0	-	-					
	101	52	4,2	14,12	6,6	15,0	-	-					
									SK 93372.1 - 80 S/4	**SK 93372.1 - 80 SH/4**			B32-33
	50	104	1,0	28,24	4,7	12,0	-	-	**SK 92172.1 - 80 S/4**	**SK 92172.1 - 80 SH/4**		16,6	B20-21
	57	92	1,3	24,80	4,7	12,0	-	-					
	69	76	1,4	20,67	4,8	12,0	-	-					
	93	56	1,7	15,23	4,9	12,0	-	-					
	102	51	2,1	13,87	4,9	12,0	-	-					
	115	46	2,4	12,34	4,9	12,0	-	-					
	117	45	2,5	12,18	4,9	12,0	-	-					
	131	40	2,8	10,83	4,9	12,0	-	-					
	140	38	2,5	10,15	4,9	12,0	-	-					
									SK 93172.1 - 80 S/4	**SK 93172.1 - 80 SH/4**			B30-31
	68	77	1,1	20,80	5,0	9,0	-	-	**SK 92072.1 - 80 S/4**	**SK 92072.1 - 80 SH/4**		14,9	B18-19
	89	59	1,1	16,00	5,0	9,0	-	-					
	111	47	1,2	12,78	5,0	9,0	-	-					
	128	41	1,6	11,11	5,0	9,0	-	-					
	144	36	2,1	9,85	5,0	9,0	-	-					
	164	32	2,3	8,67	5,0	9,0	-	-					
	187	28	2,6	7,58	5,0	9,0	-	-					
	213	25	2,8	6,67	4,8	9,0	-	-					
	244	22	3,3	5,83	4,7	8,8	-	-					
	275	19	3,5	5,17	4,5	8,5	-	-					
	305	17	3,8	4,65	4,4	8,2	-	-					
	357	15	4,6	3,97	4,2	7,8	-	-					
	397	13	5,0	3,58	4,0	7,6	-	-					
									SK 93072.1 - 80 S/4	**SK 93072.1 - 80 SH/4**			B28-29

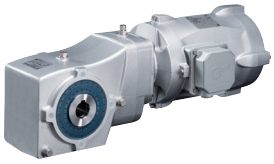
0,75 kW





P_1	n_2 IE2	M_2	f_B	i_{ges}	F_R	F_A	$F_{R\,VL}$	$F_{A\,VL}$	Gear unit motor			IE2	mm
[kW]	[min^{-1}]	[Nm]			[kN]		[kN]		IE1	IE2	IE3	kg	
0,75	21	339	1,4	66,96	10,0	25,0	-	-	**SK 92772.1 - 80 L/4**	**SK 92772.1 - 80 LH/4**	**SK 92772.1 - 80 LP/4**	45,0	B26-27
	24	302	1,4	59,68	10,1	25,0	-	-					
	27	266	2,2	52,64	10,1	25,0	-	-					
	30	237	2,2	46,92	10,2	25,0	-	-					
	33	220	2,9	43,44	10,2	25,0	-	-					
	51	140	4,5	27,65	10,4	25,0	-	-					
	56	128	4,9	25,34	10,4	25,0	-	-					
	57	125	5,3	24,64	10,4	25,0	-	-					
	63	114	5,7	22,59	10,4	25,0	-	-					
	67	107	5,9	21,14	10,4	25,0	-	-					
									SK 93772.1 - 80 L/4	**SK 93772.1 - 80 LH/4**	**SK 93772.1 - 80 LP/4**		B36-37
	29	246	1,3	48,56	8,0	20,0	-	-	**SK 92672.1 - 80 L/4**	**SK 92672.1 - 80 LH/4**	**SK 92672.1 - 80 LP/4**	33,6	B24-25
	33	219	1,4	43,28	8,1	20,0	-	-					
	37	191	1,7	37,82	8,2	20,0	-	-					
	42	171	2,1	33,71	8,3	20,0	-	-					
	46	155	2,0	30,67	8,3	20,0	-	-					
	52	138	2,6	27,33	8,3	20,0	-	-					
	71	101	3,1	20,00	8,4	20,0	-	-					
	81	88	3,6	17,46	8,4	20,0	-	-					
									SK 93672.1 - 80 L/4	**SK 93672.1 - 80 LH/4**	**SK 93672.1 - 80 LP/4**		B34-35
	34	210	0,9	41,46	6,0	15,0	-	-	**SK 92372.1 - 80 L/4**	**SK 92372.1 - 80 LH/4**	**SK 92372.1 - 80 LP/4**	22,7	B22-23
	38	186	1,0	36,80	6,2	15,0	-	-					
	43	166	1,2	32,80	6,3	15,0	-	-					
	50	142	1,3	28,11	6,4	15,0	-	-					
	56	127	1,7	25,06	6,4	15,0	-	-					
	63	114	1,6	22,49	6,5	15,0	-	-					
	71	101	2,2	20,04	6,5	15,0	-	-					
	77	93	2,0	18,33	6,5	15,0	-	-					
	89	80	2,3	15,84	6,5	15,0	-	-					
	100	71	3,0	14,12	6,6	15,0	-	-					
	113	64	2,9	12,56	6,6	15,0	-	-					
	126	57	3,8	11,20	6,6	15,0	-	-					
	137	52	4,2	10,33	6,6	15,0	-	-					
									SK 93372.1 - 80 L/4	**SK 93372.1 - 80 LH/4**	**SK 93372.1 - 80 LP/4**		B32-33
	50	143	0,8	28,24	4,4	12,0	-	-	**SK 92172.1 - 80 L/4**	**SK 92172.1 - 80 LH/4**	**SK 92172.1 - 80 LP/4**	17,8	B20-21
	57	126	1,0	24,80	4,5	12,0	-	-					
	68	105	1,0	20,67	4,7	12,0	-	-					
	93	77	1,2	15,23	4,8	12,0	-	-					
	102	70	1,5	13,87	4,8	12,0	-	-					
	115	62	1,7	12,34	4,9	12,0	-	-					
	116	62	1,8	12,18	4,9	12,0	-	-					
	131	55	2,1	10,83	4,9	12,0	-	-					
	139	51	1,8	10,15	4,9	11,9	-	-					
	149	48	2,2	9,49	4,9	11,8	-	-					
	157	46	2,1	9,03	4,9	11,6	-	-					
	170	42	2,7	8,33	4,9	11,3	-	-					
	181	40	2,8	7,83	4,9	11,2	-	-					
	204	35	3,1	6,94	4,9	10,8	-	-					
									SK 93172.1 - 80 L/4	**SK 93172.1 - 80 LH/4**	**SK 93172.1 - 80 LP/4**		B30-31
	68	105	0,8	20,80	4,9	9,0	-	-	**SK 92072.1 - 80 L/4**	**SK 92072.1 - 80 LH/4**	**SK 92072.1 - 80 LP/4**	16,1	B18-19
	88	81	0,8	16,00	5,0	9,0	-	-					
	111	65	0,9	12,78	5,0	9,0	-	-					
	127	56	1,2	11,11	5,0	9,0	-	-					
	144	50	1,5	9,85	5,0	9,0	-	-					
	163	44	1,7	8,67	5,0	9,0	-	-					
	187	38	1,9	7,58	4,9	9,0	-	-					
	212	34	2,0	6,67	4,7	8,8	-	-					
	243	30	2,4	5,83	4,5	8,6	-	-					
	274	26	2,6	5,17	4,4	8,3	-	-					
	304	24	2,8	4,65	4,3	8,1	-	-					
	356	20	3,4	3,97	4,1	7,7	-	-					
	395	18	3,6	3,58	4,0	7,5	-	-					
									SK 93072.1 - 80 L/4	**SK 93072.1 - 80 LH/4**	**SK 93072.1 - 80 LP/4**		B28-29

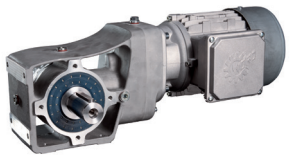


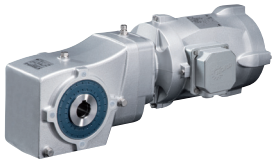


1,10 kW

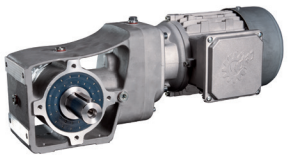
P_1	n_2 IE2	M_2	f_B	i_{ges}	F_R	F_A	$F_{R\,VL}$	$F_{A\,VL}$	Gear unit motor			IE2	mm
[kW]	[min^{-1}]	[Nm]			[kN]		[kN]		IE1	IE2	IE3	kg	
1,10	21	490	1,0	66,96	9,4	25,0	-	-	**SK 92772.1 - 90 S/4**	**SK 92772.1 - 90 SH/4**	**SK 92772.1 - 90 SP/4**	49,9	B26-27
	24	437	1,0	59,68	9,6	25,0	-	-					
	27	385	1,5	52,64	9,8	25,0	-	-					
	31	343	1,5	46,92	9,9	25,0	-	-					
	33	318	2,0	43,44	10,0	25,0	-	-					
	36	288	2,2	39,32	10,1	25,0	-	-					
	41	257	2,6	35,04	10,2	25,0	-	-					
	52	202	3,1	27,65	10,3	25,0	-	-					
	57	186	3,4	25,34	10,3	25,0	-	-					
	58	180	3,6	24,64	10,3	25,0	-	-					
	64	165	3,9	22,59	10,3	25,0	-	-					
	68	155	4,1	21,14	10,4	25,0	-	-					
									SK 93772.1 - 90 S/4	**SK 93772.1 - 90 SH/4**	**SK 92772.1 - 90 SP/4**		B36-37
	30	355	0,9	48,56	7,5	20,0	-	-	**SK 92672.1 - 90 S/4**	**SK 92672.1 - 90 SH/4**	**SK 92672.1 - 90 SP/4**	38,5	B24-25
	33	317	1,0	43,28	7,7	20,0	-	-					
	38	277	1,1	37,82	7,9	20,0	-	-					
	43	247	1,5	33,71	8,0	20,0	-	-					
	47	224	1,4	30,67	8,1	20,0	-	-					
	52	200	1,8	27,33	8,2	20,0	-	-					
	58	182	2,0	24,88	8,2	20,0	-	-					
	72	146	2,1	20,00	8,3	20,0	-	-					
	79	133	2,6	18,21	8,3	20,0	-	-					
	82	128	2,5	17,46	8,4	20,0	-	-					
	92	114	3,2	15,56	8,4	20,0	-	-					
	100	105	3,0	14,40	8,4	20,0	-	-					
									SK 93672.1 - 90 S/4	**SK 93672.1 - 90 SH/4**	**SK 93672.1 - 90 SP/4**		B34-35
	44	240	0,8	32,80	5,8	15,0	-	-	**SK 92372.1 - 90 S/4**	**SK 92372.1 - 90 SH/4**	**SK 92372.1 - 90 SP/4**	27,6	B22-23
	51	206	0,9	28,11	6,1	15,0	-	-					
	57	183	1,2	25,06	6,2	15,0	-	-					
	64	165	1,1	22,49	6,3	15,0	-	-					
	72	147	1,5	20,04	6,3	15,0	-	-					
	78	134	1,4	18,33	6,4	15,0	-	-					
	91	116	1,6	15,84	6,4	15,0	-	-					
	102	103	2,1	14,12	6,5	15,0	-	-					
	114	92	2,0	12,56	6,5	15,0	-	-					
	128	82	2,7	11,20	6,5	15,0	-	-					
	139	76	2,9	10,33	6,5	15,0	-	-					
	158	67	3,3	9,11	6,6	15,0	-	-					
	175	60	3,5	8,19	6,6	15,0	-	-					
	205	51	3,9	7,01	6,6	15,0	-	-					
	215	49	4,2	6,67	6,6	15,0	-	-					
	246	43	4,4	5,83	6,6	14,7	-	-					
									SK 93372.1 - 90 S/4	**SK 93372.1 - 90 SH/4**	**SK 93372.1 - 90 SP/4**		B32-33
	151	69	1,5	9,49	4,8	11,2	-	-	**SK 92172.1 - 90 S/4**	**SK 92172.1 - 90 SH/4**	**SK 92172.1 - 90 SP/4**	22,7	B20-21
	172	61	1,9	8,33	4,9	10,8	-	-					
	183	57	1,9	7,83	4,9	10,7	-	-					
	207	51	2,2	6,94	4,9	10,3	-	-					
	220	48	1,9	6,53	4,9	10,2	-	-					
	249	42	2,2	5,77	4,9	9,9	-	-					
	273	38	2,8	5,26	4,9	9,6	-	-					
	293	36	3,0	4,89	4,9	9,4	-	-					
	334	31	3,4	4,30	4,9	8,9	-	-					
									SK 93172.1 - 90 S/4	**SK 93172.1 - 90 SH/4**	**SK 93172.1 - 90 SP/4**		B30-31
	246	43	1,7	5,83	4,3	8,2	-	-	**SK 92072.1 - 90 S/4**	**SK 92072.1 - 90 SH/4**	**SK 92072.1 - 90 SP/4**	21,0	B18-19
	278	38	1,8	5,17	4,2	7,9	-	-					
	308	34	1,9	4,65	4,1	7,7	-	-					
	361	29	2,3	3,97	4,0	7,4	-	-					
	401	26	2,5	3,58	3,8	7,2	-	-					
									SK 93072.1 - 90 S/4	**SK 93072.1 - 90 SH/4**	**SK 93072.1 - 90 SP/4**		B28-29

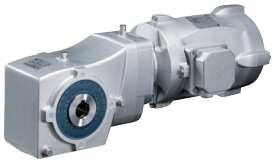
1,50 kW





P_1	n_2 IE2	M_2	f_B	i_{ges}	F_R	F_A	$F_{R\,VL}$	$F_{A\,VL}$	Gear unit motor			IE2	mm
[kW]	[min^{-1}]	[Nm]			[kN]		[kN]		IE1	IE2	IE3	kg	
1,50	27	533	1,1	52,64	9,1	25,0	-	-	**SK 92772.1 - 90 L/4**	**SK 92772.1 - 90 LH/4**	**SK 92772.1 - 90 LP/4**	51,6	B26-27
	30	475	1,1	46,92	9,4	25,0	-	-					
	33	440	1,4	43,44	9,6	25,0	-	-					
	36	398	1,6	39,32	9,8	25,0	-	-					
	40	355	1,9	35,04	9,9	25,0	-	-					
	51	280	2,3	27,65	10,1	25,0	-	-					
	56	257	2,5	25,34	10,2	25,0	-	-					
	57	249	2,6	24,64	10,2	25,0	-	-					
	63	229	2,8	22,59	10,2	25,0	-	-					
	67	214	2,9	21,14	10,3	25,0	-	-					
	74	194	3,2	19,17	10,3	25,0	-	-					
	75	191	3,4	18,84	10,3	25,0	-	-					
	83	173	3,7	17,08	10,3	25,0	-	-					
									SK 93772.1 - 90 L/4	**SK 93772.1 - 90 LH/4**	**SK 93772.1 - 90 LP/4**		B36-37
	37	383	0,8	37,82	7,4	20,0	-	-	**SK 92672.1 - 90 L/4**	**SK 92672.1 - 90 LH/4**	**SK 92672.1 - 90 LP/4**	40,2	B24-25
	42	341	1,1	33,71	7,6	20,0	-	-					
	46	310	1,0	30,67	7,8	20,0	-	-					
	52	277	1,3	27,33	7,9	20,0	-	-					
	57	252	1,4	24,88	8,0	20,0	-	-					
	71	202	1,5	20,00	8,2	20,0	-	-					
	78	184	1,9	18,21	8,2	20,0	-	-					
	81	177	1,8	17,46	8,3	20,0	-	-					
	91	158	2,3	15,56	8,3	20,0	-	-					
	98	146	2,2	14,40	8,3	20,0	-	-					
	110	130	2,8	12,84	8,4	20,0	-	-					
	124	115	3,1	11,39	8,4	20,0	-	-					
									SK 93672.1 - 90 L/4	**SK 93672.1 - 90 LH/4**	**SK 93672.1 - 90 LP/4**		B34-35
	56	254	0,9	25,06	5,7	15,0	-	-	**SK 92372.1 - 90 L/4**	**SK 92372.1 - 90 LH/4**	**SK 92372.1 - 90 LP/4**	29,3	B22-23
	63	228	0,8	22,49	5,9	15,0	-	-					
	71	203	1,1	20,04	6,1	15,0	-	-					
	77	186	1,0	18,33	6,2	15,0	-	-					
	89	160	1,1	15,84	6,3	15,0	-	-					
	100	143	1,5	14,12	6,4	15,0	-	-					
	113	127	1,4	12,56	6,4	15,0	-	-					
	126	113	1,9	11,20	6,5	15,0	-	-					
	137	105	2,1	10,33	6,5	15,0	-	-					
	155	92	2,4	9,11	6,5	15,0	-	-					
	173	83	2,5	8,19	6,5	15,0	-	-					
	202	71	2,8	7,01	6,6	15,0	-	-					
	212	67	3,0	6,67	6,6	15,0	-	-					
	243	59	3,2	5,83	6,6	14,4	-	-					
									SK 93372.1 - 90 L/4	**SK 93372.1 - 90 LH/4**	**SK 93372.1 - 90 LP/4**		B32-33
	149	96	1,1	9,49	4,7	10,6	-	-	**SK 92172.1 - 90 L/4**	**SK 92172.1 - 90 LH/4**	**SK 92172.1 - 90 LP/4**	24,4	B20-21
	170	84	1,4	8,33	4,8	10,3	-	-					
	181	79	1,4	7,83	4,8	10,2	-	-					
	204	70	1,6	6,94	4,8	9,9	-	-					
	217	66	1,4	6,53	4,8	9,7	-	-					
	245	58	1,6	5,77	4,9	9,6	-	-					
	269	53	2,0	5,26	4,9	9,3	-	-					
	289	50	2,2	4,89	4,9	9,1	-	-					
	329	43	2,4	4,30	4,9	8,6	-	-					
	368	39	2,3	3,85	4,8	8,1	-	-					
	395	36	2,4	3,58	4,7	7,9	-	-					
									SK 93172.1 - 90 L/4	**SK 93172.1 - 90 LH/4**	**SK 93172.1 - 90 LP/4**		B30-31

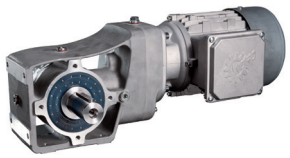


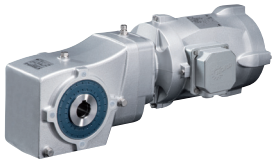


2,20 kW
3,00 kW

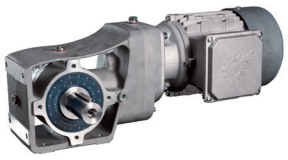
P_1	n_2 IE2	M_2	f_B	i_{ges}	F_R	F_A	$F_{R\,VL}$	$F_{A\,VL}$	Gear unit motor			IE2	mm
[kW]	[min^{-1}]	[Nm]			[kN]		[kN]		IE1 Standard	IE2	IE3	kg	
2,20	37	572	1,1	39,32	8,9	25,0	-	-	**SK 92772.1 - 100 L/4**	**SK 92772.1 - 100 LH/4**	**SK 92772.1 - 100 LP/4**	60,0	B26-27
	41	509	1,3	35,04	9,3	25,0	-	-					
	45	463	1,4	31,85	9,5	25,0	-	-					
	51	413	1,5	28,38	9,7	25,0	-	-					
	57	368	1,7	25,34	9,9	25,0	-	-					
	64	328	2,0	22,59	10,0	25,0	-	-					
	68	307	2,0	21,14	10,0	25,0	-	-					
	75	279	2,3	19,17	10,1	25,0	-	-					
	77	274	2,3	18,84	10,1	25,0	-	-					
	85	248	2,6	17,08	10,2	25,0	-	-					
	94	224	2,8	15,42	10,2	25,0	-	-					
	105	200	3,0	13,79	10,3	25,0	-	-					
	116	182	3,3	12,50	10,3	25,0	-	-					
									SK 93772.1 - 100 L/4	**SK 93772.1 - 100 LH/4**	**SK 93772.1 - 100 LP/4**		B36-37
	58	362	1,0	24,88	7,5	20,0	-	-	**SK 92672.1 - 100 L/4**	**SK 92672.1 - 100 LH/4**	**SK 92672.1 - 100 LP/4**	48,6	B24-25
	79	265	1,3	18,21	8,0	20,0	-	-					
	83	254	1,2	17,46	8,0	20,0	-	-					
	93	226	1,6	15,56	8,1	20,0	-	-					
	100	209	1,5	14,40	8,2	20,0	-	-					
	113	187	1,9	12,84	8,2	20,0	-	-					
	127	166	2,2	11,39	8,3	20,0	-	-					
	142	148	2,5	10,16	8,3	20,0	-	-					
	154	137	2,6	9,39	8,3	20,0	-	-					
	173	121	2,9	8,33	8,4	20,0	-	-					
	194	108	3,2	7,44	8,4	19,5	-	-					
									SK 93672.1 - 100 L/4	**SK 93672.1 - 100 LH/4**	**SK 93672.1 - 100 LP/4**		B34-35
	115	183	1,0	12,56	6,2	15,0	-	-	**SK 92372.1 - 100 L/4**	**SK 92372.1 - 100 LH/4**	**SK 92372.1 - 100 LP/4**	37,7	B22-23
	129	163	1,3	11,20	6,3	15,0	-	-					
	141	149	1,2	10,22	6,3	15,0	-	-					
	159	132	1,6	9,11	6,4	15,0	-	-					
	176	119	1,7	8,19	6,4	14,9	-	-					
	206	102	2,0	7,01	6,5	14,5	-	-					
	217	97	2,1	6,67	6,5	14,2	-	-					
	248	85	2,2	5,83	6,5	13,7	-	-					
	282	75	2,5	5,13	6,5	12,9	-	-					
	336	63	3,0	4,31	6,6	12,0	-	-					
	389	54	3,3	3,72	6,6	11,3	-	-					
									SK 93372.1 - 100 L/4	**SK 93372.1 - 100 LH/4**	**SK 93372.1 - 100 LP/4**		B32-33
3,00	36	790	0,8	39,32	7,3	25,0	-	-	**SK 92772.1 - 100 LA/4**	**SK 92772.1 - 100 AH/4**	**SK 92772.1 - 100 AP/4**	60,0	B26-27
	41	704	0,9	35,04	8,0	25,0	-	-					
	45	640	1,0	31,85	8,5	25,0	-	-					
	50	571	1,1	28,38	8,9	25,0	-	-					
	56	509	1,2	25,34	9,3	25,0	-	-					
	63	454	1,4	22,59	9,5	25,0	-	-					
	67	425	1,5	21,14	9,6	25,0	-	-					
	74	385	1,6	19,17	9,8	25,0	-	-					
	76	379	1,7	18,84	9,8	25,0	-	-					
	83	343	1,9	17,08	9,9	25,0	-	-					
	92	310	2,0	15,42	10,0	25,0	-	-					
	103	277	2,2	13,79	10,1	25,0	-	-					
	114	251	2,4	12,50	10,2	25,0	-	-					
	126	227	2,5	11,28	10,2	25,0	-	-					
	145	197	2,9	9,81	10,3	25,0	-	-					
	161	178	3,1	8,85	10,3	25,0	-	-					
	198	144	3,8	7,18	10,4	24,4	-	-					
	278	103	4,9	5,12	10,4	20,9	-	-					
									SK 93772.1 - 100 LA/4	**SK 93772.1 - 100 AH/4**	**SK 93772.1 - 100 AP/4**		B36-37

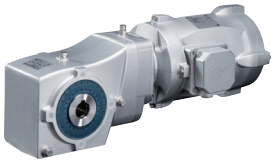
3,00 kW
4,00 kW





P_1	n_2 IE2	M_2	f_B	i_{ges}	F_R	F_A	$F_{R\,VL}$	$F_{A\,VL}$	Gear unit motor			IE2	mm
[kW]	[min^{-1}]	[Nm]			[kN]		[kN]		IE1 Standard	IE2	IE3	kg	
3,00	78	366	1,0	18,21	7,5	20,0	-	-	**SK 92672.1 - 100 LA/4**	**SK 92672.1 - 100 AH/4**	**SK 92672.1 - 100 AP/4**	48,6	B24-25
	82	351	0,9	17,46	7,6	20,0	-	-					
	92	313	1,2	15,56	7,8	20,0	-	-					
	99	290	1,1	14,40	7,9	20,0	-	-					
	111	258	1,4	12,84	8,0	20,0	-	-					
	125	229	1,6	11,39	8,1	20,0	-	-					
	140	204	1,8	10,16	8,2	20,0	-	-					
	152	189	1,9	9,39	8,2	20,0	-	-					
	171	168	2,1	8,33	8,3	19,5	-	-					
	192	149	2,3	7,44	8,3	19,0	-	-					
	213	134	2,4	6,68	8,3	18,6	-	-					
	253	113	2,7	5,64	8,4	17,1	-	-					
	327	88	3,6	4,36	8,4	15,3	-	-					
									SK 93672.1 - 100 LA/4	**SK 93672.1 - 100 AH/4**	**SK 93672.1 - 100 AP/4**		B34-35
	127	225	1,0	11,20	5,9	14,9	-	-	**SK 92372.1 - 100 LA/4**	**SK 92372.1 - 100 AH/4**	**SK 92372.1 - 100 AP/4**	37,7	B22-23
	139	206	0,9	10,22	5,9	14,4	-	-					
	156	183	1,2	9,11	6,2	14,4	-	-					
	174	165	1,3	8,19	6,3	14,0	-	-					
	203	141	1,4	7,01	6,4	13,8	-	-					
	214	134	1,5	6,67	6,4	13,5	-	-					
	244	117	1,6	5,83	6,4	13,0	-	-					
	278	103	1,8	5,13	6,5	12,3	-	-					
	331	87	2,1	4,31	6,5	11,5	-	-					
	383	75	2,4	3,72	6,5	10,9	-	-					
									SK 93372.1 - 100 LA/4	**SK 93372.1 - 100 AH/4**	**SK 93372.1 - 100 AP/4**		B32-33
4,00	57	672	0,9	25,34	8,3	25,0	-	-	**SK 92772.1 - 112 M/4**	**SK 92772.1 - 112 MH/4**	**SK 92772.1 - 112 MP/4**	70,3	B26-27
	64	599	1,1	22,59	8,8	25,0	-	-					
	68	561	1,1	21,14	9,0	25,0	-	-					
	75	508	1,2	19,17	9,3	25,0	-	-					
	76	500	1,3	18,84	9,3	25,0	-	-					
	84	453	1,4	17,08	9,5	25,0	-	-					
	93	409	1,5	15,42	9,7	25,0	-	-					
	104	366	1,7	13,79	9,9	25,0	-	-					
	115	332	1,8	12,50	10,0	25,0	-	-					
	128	299	1,9	11,28	10,1	25,0	-	-					
	147	260	2,2	9,81	10,2	25,0	-	-					
	163	235	2,4	8,85	10,2	24,9	-	-					
	201	190	2,9	7,18	10,3	23,3	-	-					
	281	136	3,7	5,12	10,4	20,2	-	-					
									SK 93772.1 - 112 M/4	**SK 93772.1 - 112 MH/4**	**SK 93772.1 - 112 MP/4**		B36-37
	93	413	0,9	15,56	7,2	20,0	-	-	**SK 92672.1 - 112 M/4**	**SK 92672.1 - 112 MH/4**	**SK 92672.1 - 112 MP/4**	58,9	B24-25
	100	382	0,8	14,40	7,4	20,0	-	-					
	112	341	1,1	12,84	7,6	20,0	-	-					
	126	302	1,2	11,39	7,8	19,7	-	-					
	142	270	1,3	10,16	7,9	19,5	-	-					
	153	249	1,4	9,39	8,0	19,0	-	-					
	173	221	1,6	8,33	8,1	18,6	-	-					
	194	197	1,8	7,44	8,2	18,1	-	-					
	215	177	1,8	6,68	8,2	17,8	-	-					
	255	150	2,1	5,64	8,3	16,3	-	-					
	330	116	2,7	4,36	8,4	14,7	-	-					
									SK 93672.1 - 112 M/4	**SK 93672.1 - 112 MH/4**	**SK 93672.1 - 112 MP/4**		B34-35

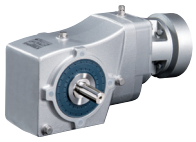




5,50 kW
7,50 kW

P_1	n_2 IE2	M_2	f_B	i_{ges}	F_R	F_A	$F_{R\,VL}$	$F_{A\,VL}$	Gear unit motor			IE2	mm
[kW]	[min^{-1}]	[Nm]			[kN]		[kN]		IE1 Standard	IE2	IE3	kg	
5,50	76	689	0,9	19,17	8,1	25,0	-	-	**SK 92772.1 - 132 S/4**	**SK 92772.1 - 132 SH/4**	**SK 92772.1 - 132 SP/4**	89,8	B26-27
	85	615	1,0	17,08	8,7	25,0	-	-					
	95	555	1,1	15,42	9,0	25,0	-	-					
	117	450	1,3	12,50	9,5	24,8	-	-					
	129	406	1,4	11,28	9,7	24,4	-	-					
	149	353	1,6	9,81	9,9	24,1	-	-					
	165	318	1,7	8,85	10,0	23,4	-	-					
	203	258	2,1	7,18	10,2	21,8	-	-					
	229	230	2,1	6,39	10,2	21,0	-	-					
	285	184	2,7	5,12	10,3	19,1	-	-					
									SK 93772.1 - 132 S/4	**SK 93772.1 - 132 SH/4**	**SK 93772.1 - 132 SP/4**		B36-37
	144	366	1,0	10,16	7,5	17,9	-	-	**SK 92672.1 - 132 S/4**	**SK 92672.1 - 132 SH/4**	**SK 92672.1 - 132 SP/4**	78,4	B24-25
	175	300	1,2	8,33	7,8	17,2	-	-					
	196	267	1,3	7,44	8,0	16,9	-	-					
	218	240	1,3	6,68	8,1	16,5	-	-					
	259	203	1,5	5,64	8,2	15,2	-	-					
	335	157	2,0	4,36	8,2	13,9	-	-					
									SK 93672.1 - 132 S/4	**SK 93672.1 - 132 SH/4**	**SK 93672.1 - 132 SP/4**		B34-35
7,50	85	838	0,8	17,08	6,8	22,6	-	-	**SK 92772.1 - 132 M/4**	**SK 92772.1 - 132 MH/4**	**SK 92772.1 - 132 MP/4**	96,8	B26-27
	95	756	0,8	15,42	7,6	22,6	-	-					
	117	613	1,0	12,50	8,7	22,1	-	-					
	129	553	1,0	11,28	9,0	22,0	-	-					
	149	481	1,2	9,81	9,4	22,1	-	-					
	165	434	1,3	8,85	9,6	21,4	-	-					
	203	352	1,6	7,18	9,9	20,0	-	-					
	229	313	1,6	6,39	10,0	19,5	-	-					
	285	251	2,0	5,12	10,2	18,0	-	-					
	350	204	2,4	4,17	10,3	16,8	-	-					
									SK 93772.1 - 132 M/4	**SK 93772.1 - 132 MH/4**	**SK 93772.1 - 132 MP/4**		B36-37
	175	409	0,9	8,33	7,2	15,4	-	-	**SK 92672.1 - 132 M/4**	**SK 92672.1 - 132 MH/4**	**SK 92672.1 - 132 MP/4**	85,4	B24-25
	196	365	1,0	7,44	7,5	15,0	-	-					
	218	328	1,0	6,68	7,7	15,0	-	-					
	259	277	1,1	5,64	7,9	13,9	-	-					
	335	214	1,5	4,36	7,7	12,9	-	-					
									SK 93672.1 - 132 M/4	**SK 93672.1 - 132 MH/4**	**SK 93672.1 - 132 MP/4**		B34-35
9,20	148	594	1,0	9,81	8,8	20,4	-	-	**SK 92772.1 - 132 MA/4**			96,8	B26-37
	164	536	1,0	8,85	9,1	19,5	-	-					
	202	435	1,3	7,18	9,6	18,6	-	-					
	227	387	1,3	6,39	9,8	18,3	-	-					
	283	310	1,6	5,12	10,0	17,0	-	-					
	348	252	2,0	4,17	9,9	16,0	-	-					
									SK 93772.1 - 132 MA/4				B36-37
	217	405	0,8	6,68	7,2	13,7	-	-	**SK 92672.1 - 132 MA/4**			85,4	B24-25
	257	342	0,9	5,64	7,3	12,8	-	-					
	333	264	1,2	4,36	7,2	12,0	-	-					
									SK 93672.1 - 132 MA/4				B34-35

SK 92072.1
SK 93072.1



	i_{ges}	n_2 n_1= 1400min^{-1}	M_{2max} f_B = 1	W P_{1max} n_1 = 1400min^{-1}	W P_{1max} n_1= 930min^{-1}	W $f_B \geq 1$ n_1= 700min^{-1}	IEC f_B ⇨📖 B2-11						
		[min^{-1}]	[Nm]	[kW]	[kW]	[kW]	56	63	71	80	90		
SK 92072.1	**61,88**	**23**	59	0,14	0,09	0,07		*	*	*			
SK 93072.1	**53,78**	**26**	52	0,14	0,09	0,07		*	*	*			
	47,67	**29**	46	0,14	0,09	0,07		*	*	*			
	40,98	**34**	59	0,21	0,14	0,11			*	*			
W	**35,62**	**39**	65	0,27	0,18	0,13			*	*			
	31,57	**44**	65	0,30	0,20	0,15			*	*			
mm	**27,16**	**52**	65	0,35	0,23	0,18			*	*			
	24,07	**58**	79	0,48	0,32	0,24				*			
⇨📖B38, B44	**20,80**	**67**	81	0,57	0,38	0,29				*			
	18,52	**76**	60	0,47	0,32	0,24				*			
	16,00	**88**	66	0,60	0,40	0,30				*			
	12,78	110	59	0,68	0,45	0,34				*			
IEC	11,11	126	65	0,86	0,57	0,43							
	9,85	142	76	*1,10*	*0,73*	*0,55*							
mm	8,67	162	74	*1,10*	*0,73*	*0,55*							
	7,58	185	72	*1,10*	*0,73*	*0,55*							
⇨📖B39, B45	6,67	210	68	*1,10*	*0,73*	*0,55*							
	5,83	240	72	*1,10*	*0,73*	*0,55*							
	5,17	271	67	*1,10*	*0,73*	*0,55*							
	4,65	301	65	*1,10*	*0,73*	*0,55*							
	3,97	353	68	*1,10*	*0,73*	*0,55*							
	3,58	391	66	*1,10*	*0,73*	*0,55*							

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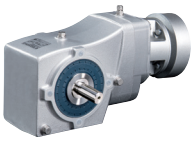
kg	W	IEC...
SK 92072.1	4	4
SK 93072.1	4	4



	i_{ges}	n_2 n_1= 1400min^{-1} [min^{-1}]	M_{2max} f_B = 1 [Nm]	W P_{1max} n_1 = 1400min^{-1} [kW]	W P_{1max} n_1= 930min^{-1} [kW]	W $f_B \geq 1$ n_1= 700min^{-1} [kW]	IEC f_B ⇨📖 B2-11 56	63	71	80			
SK 92172.1	**70,00**	**20**	73	0,15	0,10	0,08		*	*	*			
SK 93172.1	**63,78**	**22**	67	0,15	0,10	0,08		*	*	*			
	56,00	**25**	59	0,15	0,10	0,08		*	*	*			
	46,43	**30**	93	0,29	0,20	0,15			*	*			
W	**42,30**	**33**	103	0,36	0,24	0,18			*	*			
	38,75	**36**	93	0,35	0,23	0,18			*	*			
mm	**37,14**	**38**	90	0,36	0,24	0,18			*	*			
	35,31	**40**	108	0,45	0,30	0,22				*			
⇨📖B38, B44	**31,00**	**45**	108	0,51	0,34	0,26				*			
	28,24	**50**	108	0,56	0,37	0,28				*			
	24,80	**56**	120	0,71	0,47	0,35				*			
	20,67	**68**	104	0,74	0,49	0,37				*			
IEC	15,23	92	93	0,90	0,59	0,45							
	13,87	101	108	1,14	0,76	0,57							
	12,34	114	108	1,28	0,85	0,64							
⇨📖B40, B46	12,18	115	114	1,37	0,91	0,69							
	10,83	129	113	1,50	1,00	0,75							
	10,15	138	95	1,37	0,91	0,69							
	9,49	148	107	*1,50*	*1,00*	*0,75*							
	9,03	155	94	*1,50*	*1,00*	*0,75*							
	8,33	168	115	*1,50*	*1,00*	*0,75*							
	7,83	179	111	*1,50*	*1,00*	*0,75*							
	6,94	202	110	*1,50*	*1,00*	*0,75*							
	6,53	214	93	*1,50*	*1,00*	*0,75*							
	5,77	243	92	*1,50*	*1,00*	*0,75*							
	5,26	266	107	*1,50*	*1,00*	*0,75*							
	4,89	286	107	*1,50*	*1,00*	*0,75*							
	4,30	326	106	*1,50*	*1,00*	*0,75*							
	3,85	364	89	*1,50*	*1,00*	*0,75*							
	3,58	391	88	*1,50*	*1,00*	*0,75*							

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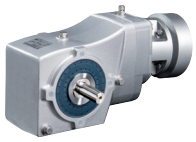
kg	W	IEC...
SK 92172.1	7	7
SK 93172.1	7	7

SK 92372.1
SK 93372.1



	i_{ges}	n_2 n_1= 1400min^{-1} [min^{-1}]	M_{2max} f_B = 1 [Nm]	W P_{1max} n_1 = 1400min^{-1} [kW]	W P_{1max} n_1= 930min^{-1} [kW]	W $f_B \geq 1$ n_1= 700min^{-1} [kW]	IEC f_B ⇨📖 B2-11 63	71	80	90	100	112	132
SK 92372.1	**55,49**	**25**	158	0,42	0,28	0,21			*	*			
SK 93372.1	**49,46**	**28**	141	0,42	0,28	0,21			*	*			
	46,64	**30**	184	0,58	0,38	0,29			*	*			
	41,46	**34**	184	0,65	0,43	0,33			*	*			
W	**36,80**	**38**	184	0,73	0,49	0,37			*	*			
	32,80	**43**	198	0,89	0,59	0,44				*			
mm	**28,11**	**50**	184	0,96	0,64	0,48				*			
	25,06	**56**	219	1,28	0,85	0,64				*			
⇨📖B38, B44	**22,49**	**62**	184	1,20	0,80	0,60				*			
	20,04	**70**	219	1,60	1,06	0,80							
	18,33	**76**	183	1,46	0,97	0,73				*			
	15,84	88	184	1,70	1,13	0,85							
IEC	14,12	99	218	2,26	1,50	1,13							
	12,56	112	184	2,15	1,43	1,07					*		
	11,20	125	218	2,85	1,90	1,43					*		
⇨📖B41, B47	10,33	136	220	3,00	1,99	1,50							
	10,22	137	184	2,64	1,75	1,32							
	9,11	154	218	*3,00*	*1,99*	*1,50*							
	8,19	171	208	*3,00*	*1,99*	*1,50*							
	7,01	200	201	*3,00*	*1,99*	*1,50*							
	6,67	210	205	*3,00*	*1,99*	*1,50*							
	5,83	240	189	*3,00*	*1,99*	*1,50*							
	5,13	273	185	*3,00*	*1,99*	*1,50*							
	4,31	325	186	*3,00*	*1,99*	*1,50*							
	3,72	376	181	*3,00*	*1,99*	*1,50*							

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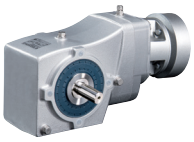
kg	W	IEC 63	IEC 71	IEC 80	IEC 90	IEC 100	IEC 112
SK 92372.1	11	10	10	10	10	11	11
SK 93372.1	11	10	10	10	10	11	11

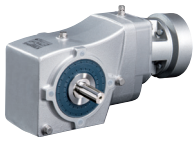


	i_{ges}	n_2 n_1= 1400min^{-1}	M_{2max} f_B = 1	W P_{1max} n_1 = 1400min^{-1}	W P_{1max} n_1= 930min^{-1}	W $f_B \geq 1$ n_1= 700min^{-1}	IEC f_B ⇨📖 B2-11						
		[min^{-1}]	[Nm]	[kW]	[kW]	[kW]	63	71	80	90	100	112	132
SK 92672.1	**48,56**	**29**	318	0,96	0,64	0,48				*			
SK 93672.1	**43,28**	**32**	306	1,04	0,69	0,52				*			
	37,82	**37**	318	1,23	0,82	0,62				*			
	33,71	**42**	363	1,58	1,05	0,79							
W	**30,67**	**46**	318	1,52	1,01	0,76							
	27,33	**51**	364	1,95	1,30	0,98							
mm	**24,88**	**56**	363	2,14	1,42	1,07					*	*	
	20,00	**70**	311	2,28	1,51	1,14							
⇨📖B38, B44	**18,21**	**77**	349	2,81	1,87	1,40					*	*	
	17,46	80	317	2,66	1,77	1,33					*	*	
	15,56	90	363	3,42	2,27	1,71						*	
	14,40	97	317	3,23	2,14	1,61						*	
IEC	12,84	109	363	4,14	2,75	2,07							
	11,39	123	361	4,65	3,09	2,32							
mm	10,16	138	363	5,24	3,48	2,62							
⇨📖B42, B48	9,39	149	355	5,54	3,68	2,77							
	8,33	168	350	6,16	4,09	3,08							
	7,44	188	349	6,88	4,57	3,44							
	6,68	210	317	6,96	4,62	3,48							*
	5,64	248	310	8,06	5,35	4,03							*
	4,36	321	315	9,20	6,11	4,60							

* ⇨📖A5

kg	W	IEC 63	IEC 71	IEC 80	IEC 90	IEC 100	IEC 112	IEC 132
SK 92672.1	24	23	23	23	23	24	24	26
SK 93672.1	24	23	23	23	23	24	24	26

SK 92772.1
SK 93772.1

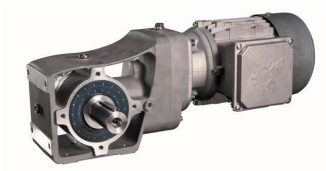


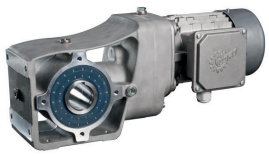
	i_{ges}	n_2 n_1= 1400min^{-1}	M_{2max} f_B = 1	W P_{1max} n_1 = 1400min^{-1}	W P_{1max} n_1= 930min^{-1}	W $f_B \geq 1$ n_1= 700min^{-1}	IEC f_B ⇨📖 B2-11						
		[min^{-1}]	[Nm]	[kW]	[kW]	[kW]	63	71	80	90	100	112	132
SK 92772.1	**66,96**	**21**	489	1,07	0,71	0,54				*			
SK 93772.1	**59,68**	**23**	436	1,07	0,71	0,54				*			
	52,64	**27**	578	1,61	1,07	0,80							
	46,92	**30**	515	1,61	1,07	0,80							
W	**43,44**	**32**	630	2,13	1,41	1,06							
	39,32	**36**	630	2,35	1,56	1,17					*	*	
mm	**35,04**	**40**	660	2,76	1,83	1,38					*	*	
	31,85	**44**	630	2,90	1,93	1,45					*	*	*
⇨📖B38, B44	**28,38**	**49**	605	3,13	2,08	1,56						*	*
	27,65	51	630	3,34	2,22	1,67							
	25,34	55	630	3,64	2,42	1,82						*	*
	24,64	57	655	3,90	2,59	1,95							
IEC	22,59	62	650	4,22	2,80	2,11							*
	21,14	66	630	4,37	2,90	2,18							*
mm	19,17	73	630	4,82	3,20	2,41							*
	18,84	74	640	4,98	3,31	2,49							*
⇨📖B43, B49	17,08	82	645	5,54	3,68	2,77							*
	15,42	91	631	6,00	3,99	3,00							*
	13,79	102	605	6,43	4,27	3,22							*
	12,50	112	596	6,99	4,64	3,50							*
	11,28	124	575	7,47	4,96	3,74							*
	9,81	143	579	8,65	5,75	4,33							*
	8,85	158	555	9,19	6,11	4,60							*
	7,18	195	546	*9,20*	*6,11*	*4,60*							
	6,39	219	493	*9,20*	*6,11*	*4,60*							
	5,12	273	505	*9,20*	*6,11*	*4,60*							
	4,17	336	496	*9,20*	*6,11*	*4,60*							

* ⇨📖A5

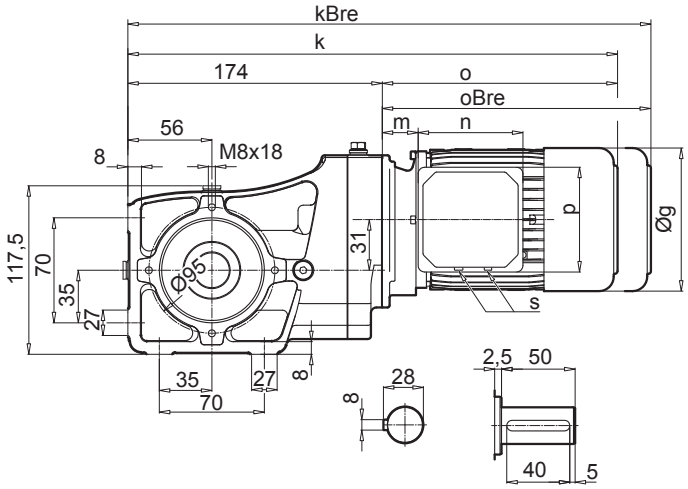
kg	W	IEC 63	IEC 71	IEC 80	IEC 90	IEC 100	IEC 112	IEC 132
SK 92772.1	42	40	40	44	44	48	48	57
SK 93772.1	42	40	40	44	44	48	48	57

SK 92072.1

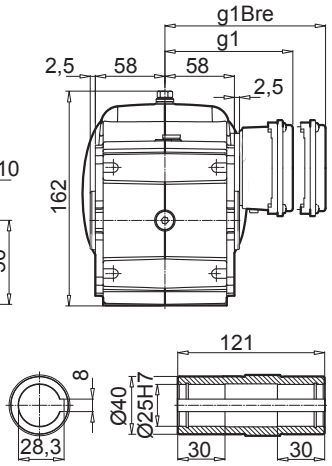




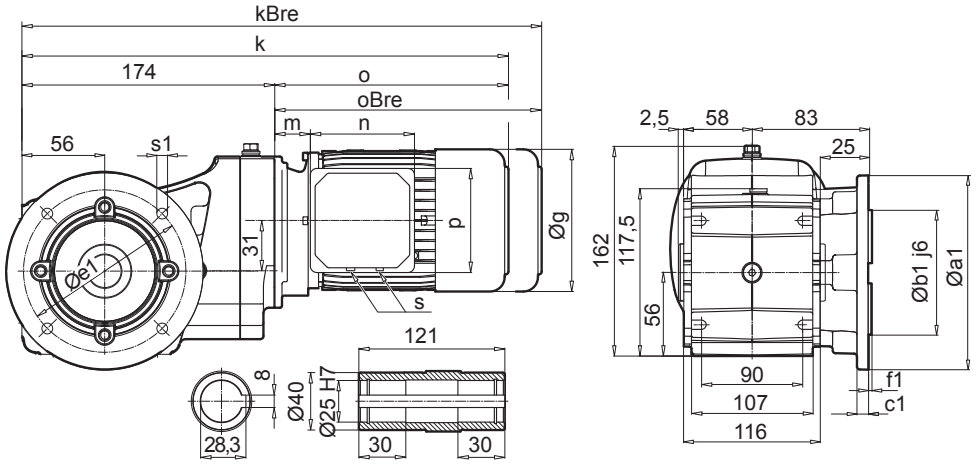
SK 92072.1 V



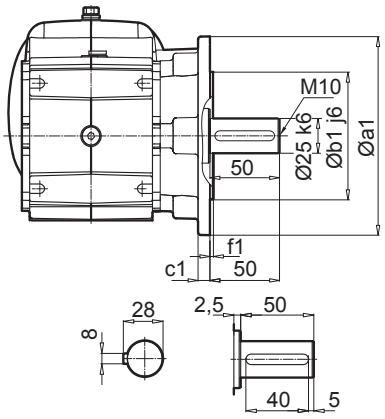
SK 92072.1 A



SK 92072.1AF



SK 92072.1 VF

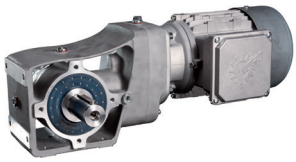


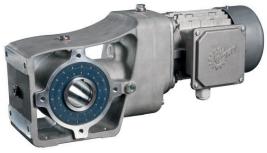
a1	b1	c1	e1	f1	s1
140	95	10	115	3,0	9

IE1 IE2 IE3	63 S / L - -	71 S / L - -	80 S / L SH / LH - / LP	90 S SH SP			
g	130	145	165	183			
g1 / g1Bre	115 / 123	124 / 132	142 / 142	147 / 147			
k / kBre	366 / 422	388 / 446	410 / 474	450 / 525			
o / oBre	192 / 248	214 / 272	236 / 300	276 / 351			
m / mBre	12 / 19	20 / 27	22 / 26	26 / 30			
n / nBre	100 / 134	100 / 134	114 / 153	114 / 153			
p / pBre	100 / 89	100 / 89	114 / 108	114 / 108			
s	M20 x 1,5	M20 x 1,5	M25 x 1,5	M25 x 1,5			

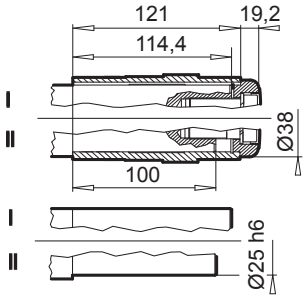
W ⇨📖B38

IEC ⇨📖B39

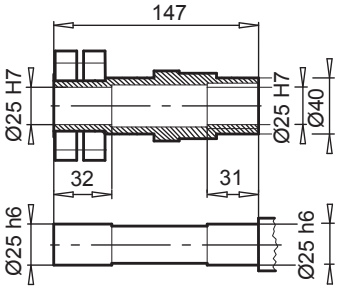


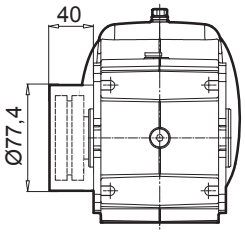


SK 92072.1 A**B**

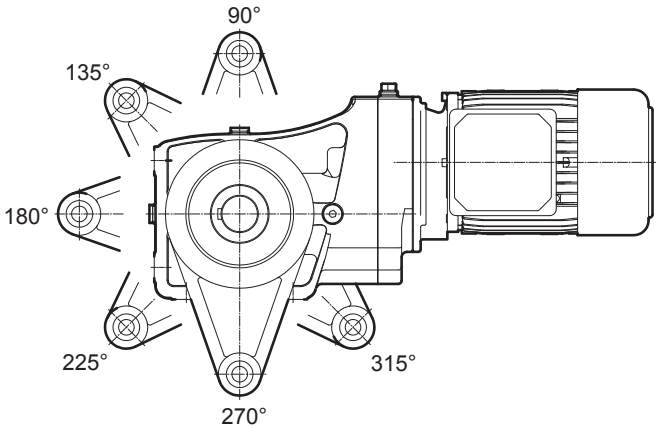


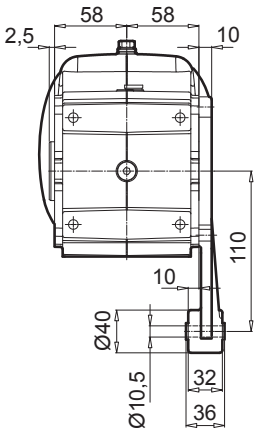
SK 92072.1 A**SH**



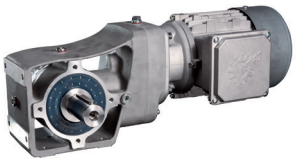


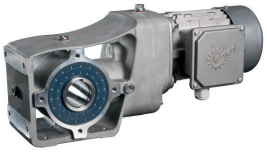
SK 92072.1 A**D**



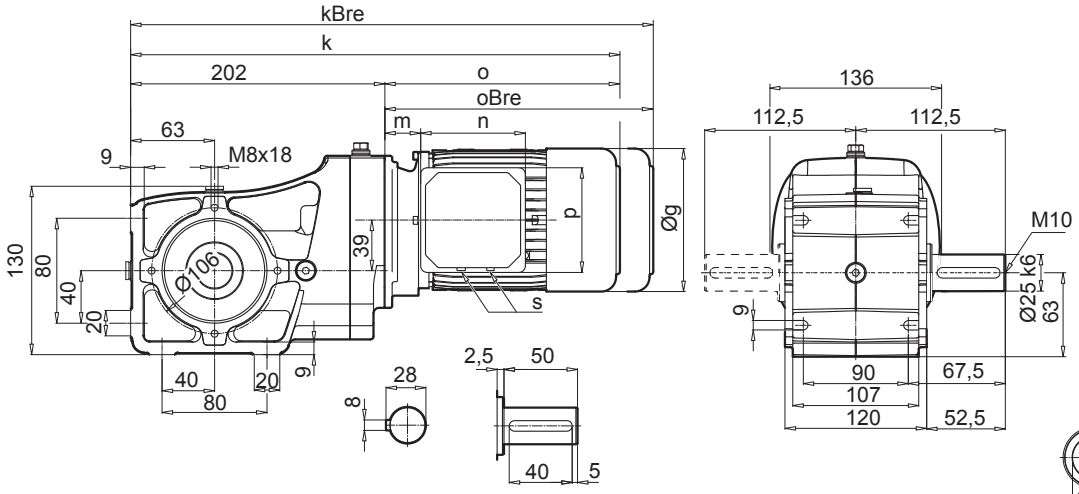


SK 92172.1

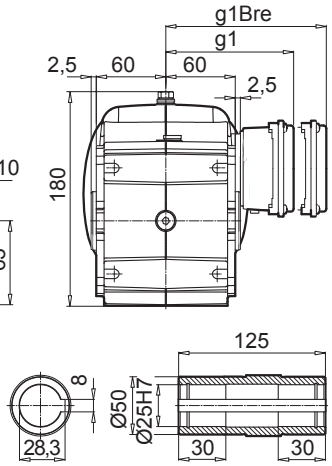




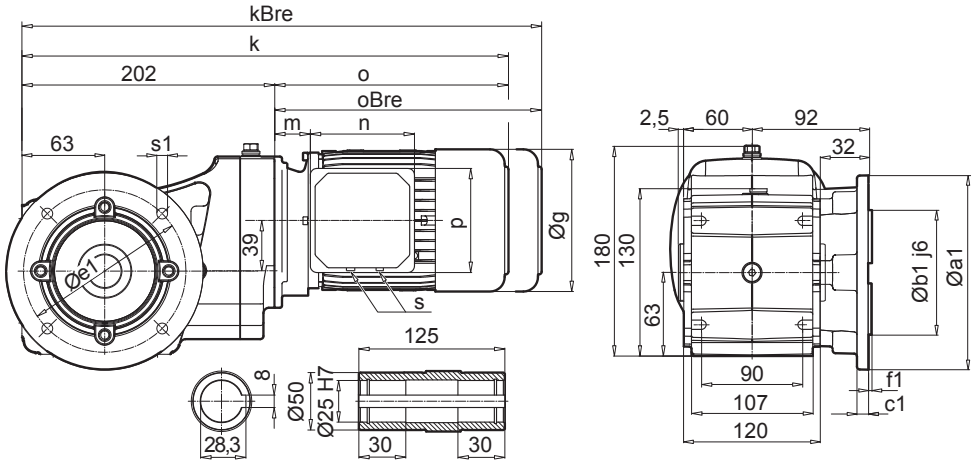
SK 92172.1 V



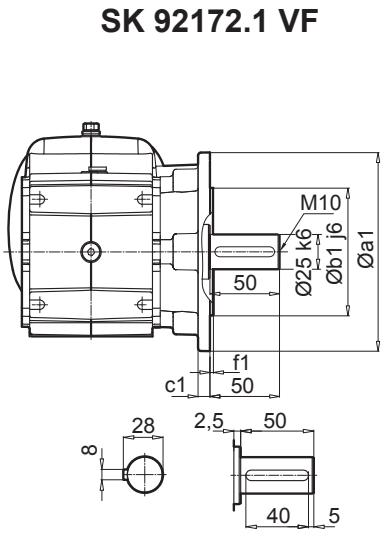
SK 92172.1 A



SK 92172.1AF



SK 92172.1 VF

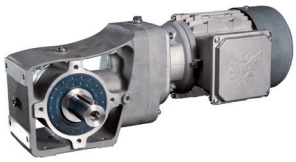


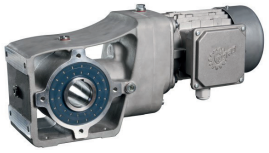
a1	b1	c1	e1	f1	s1
160	110	12	130	3,5	9

IE1 IE2 IE3	63 S / L - -	71 S / L - -	80 S / L SH / LH - / LP	90 S / L SH / LH SP / LP			
g	130	145	165	183			
g1 / g1Bre	115 / 123	124 / 132	142 / 142	147 / 147			
k / kBre	394 / 450	416 / 474	438 / 502	478 / 553			
o / oBre	192 / 248	214 / 272	236 / 300	276 / 351			
m / mBre	12 / 19	20 / 27	22 / 26	26 / 30			
n / nBre	100 / 134	100 / 134	114 / 153	114 / 153			
p / pBre	100 / 89	100 / 89	114 / 108	114 / 108			
s	M20 x 1,5	M20 x 1,5	M25 x 1,5	M25 x 1,5			

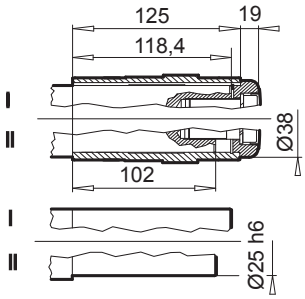
W ⇨📖B38

IEC ⇨📖B40

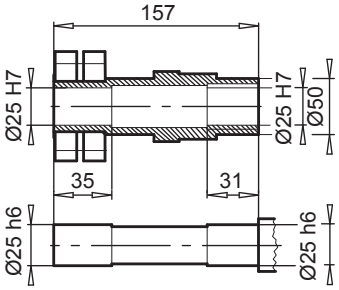


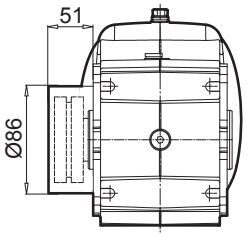


SK 92172.1 A**B**

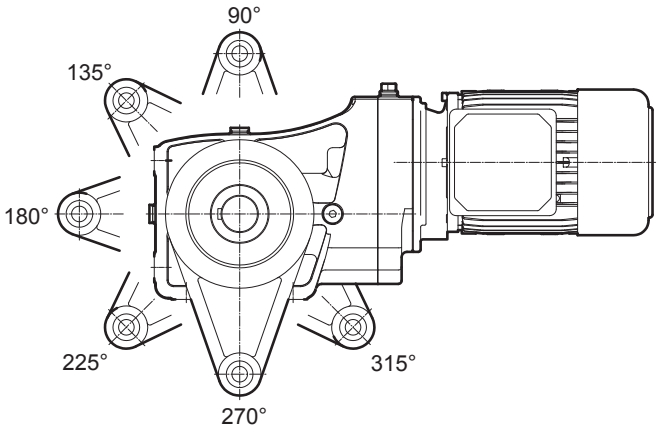


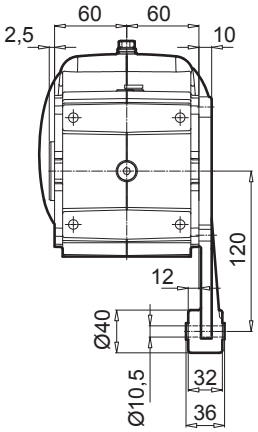
SK 92172.1 A**SH**



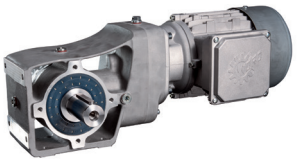


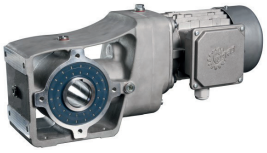
SK 92172.1 A**D**



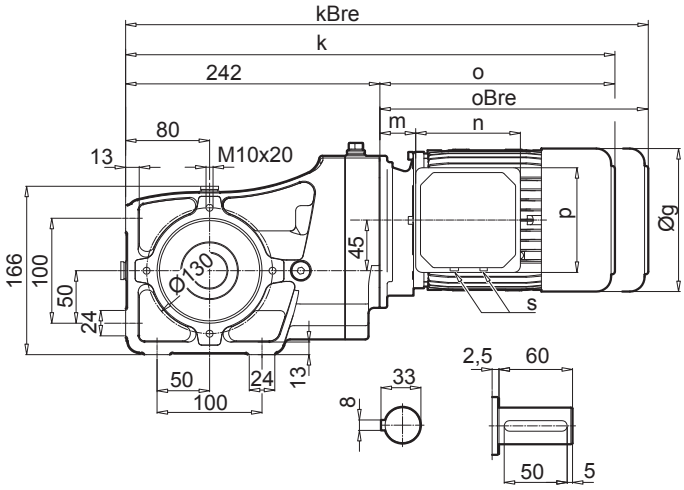


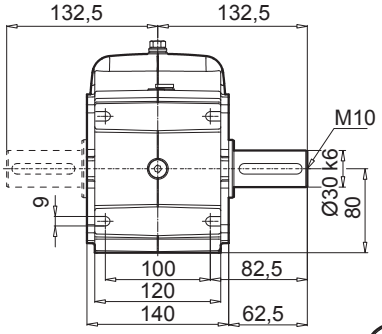
SK 92372.1



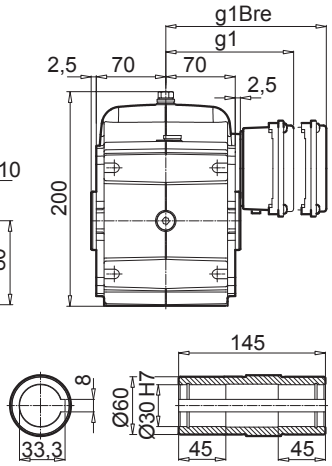


SK 92372.1 V

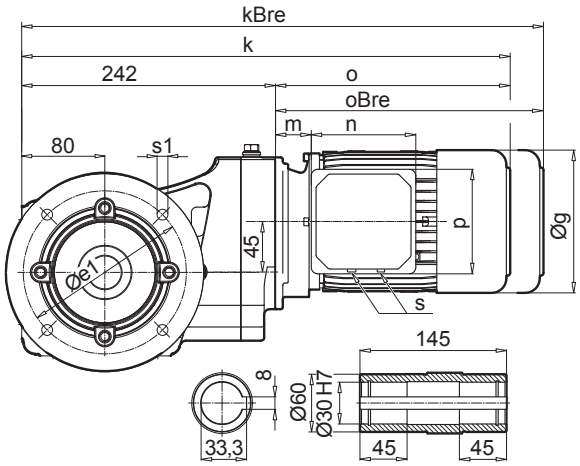


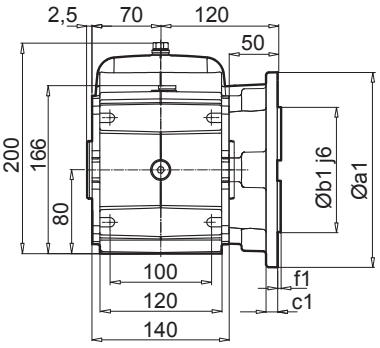


SK 92372.1 A

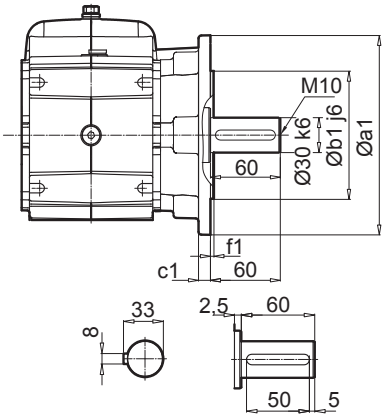


SK 92372.1AF





SK 92372.1 VF

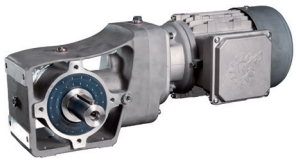


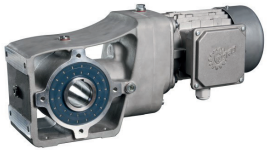
a1	b1	c1	e1	f1	s1
160	110	12	130	3,5	9
200	130	12	165	3,5	11

IE1 IE2 IE3	63 S / L - -	71 S / L - -	80 S / L SH / LH - / LP	90 S / L SH / LH SP / LP	100 L / LA LH / AH LP / AP		
g	130	145	165	183	201		
g1 / g1Bre	115 / 123	124 / 132	142 / 142	147 / 147	169 / 173		
k / kBre	438 / 494	478 / 536	503 / 567	544 / 619	574 / 665		
o / oBre	196 / 252	236 / 294	261 / 325	302 / 377	332 / 423		
m / mBre	16 / 23	42 / 49	47 / 51	52 / 56	58 / 62		
n / nBre	100 / 134	100 / 134	114 / 153	114 / 153	114 / 153		
p / pBre	100 / 89	100 / 89	144 / 108	144 / 108	144 / 108		
s	M20 x 1,5	M20 x 1,5	M25 x 1,5	M25 x 1,5	M25 x 1,5		

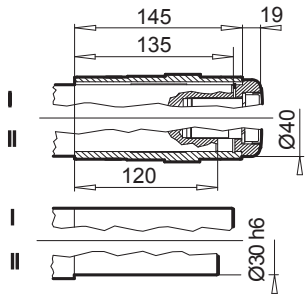
W ⇨📖B38

IEC ⇨📖B41

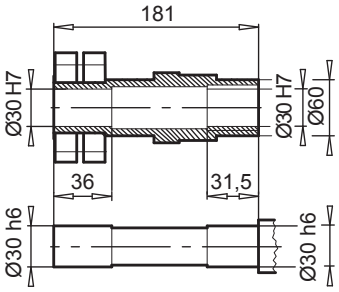


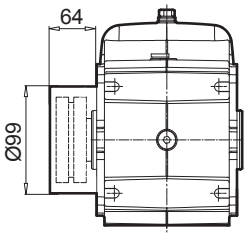


SK 92372.1 A**B**

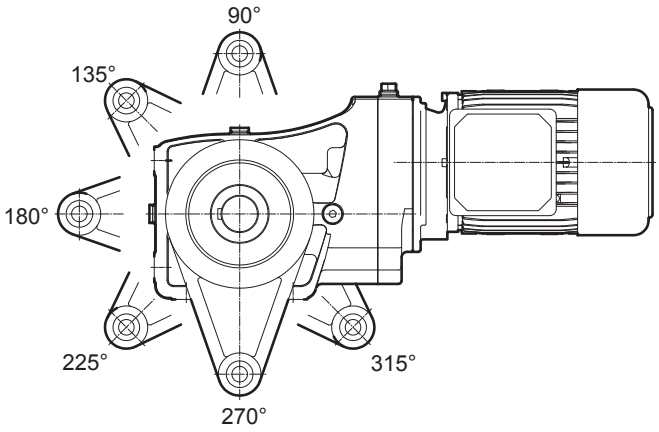


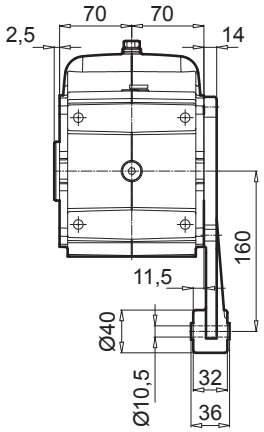
SK 92372.1 A**SH**



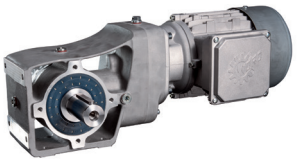


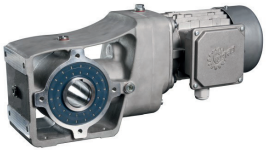
SK 92372.1 A**D**



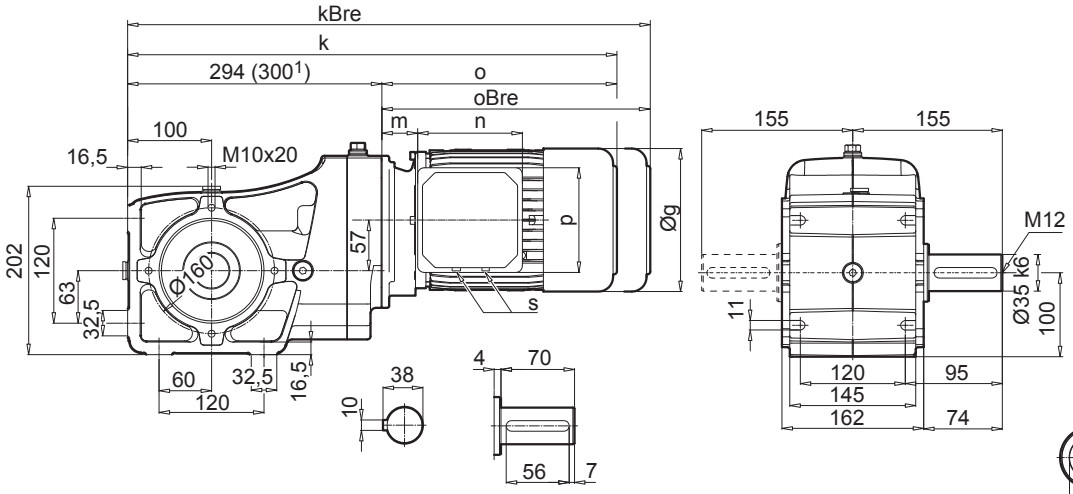


SK 92672.1

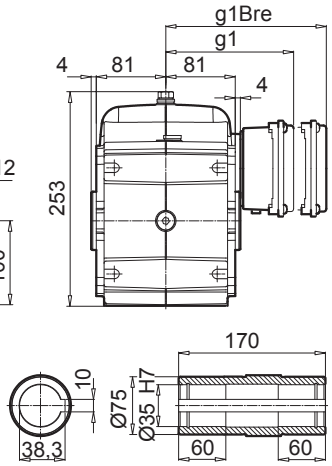




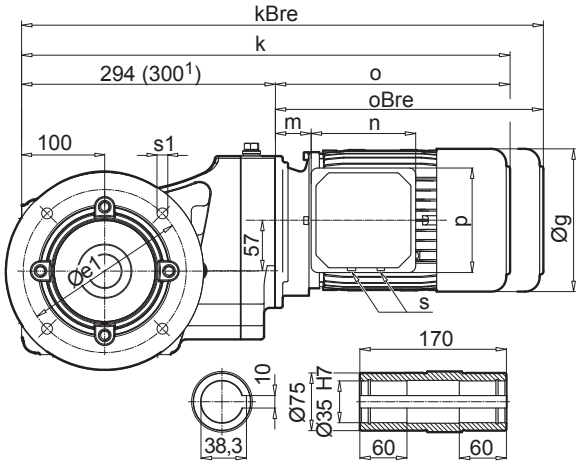
SK 92672.1 V



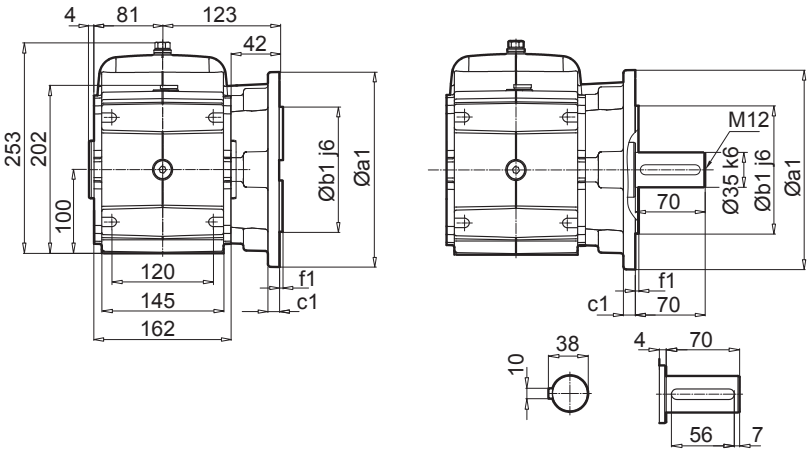
SK 92672.1 A



SK 92672.1AF



SK 92672.1 VF

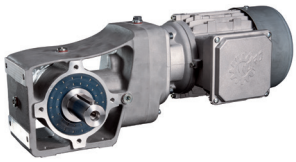


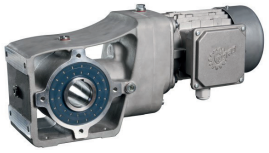
a1	b1	c1	e1	f1	s1
160	110	10	130	3,5	9
200	130	12	165	3,5	11,4

IE1 IE2 IE3	71 S / L - -	80 S / L SH / LH - / LP	90 S / L SH / LH SP / LP	100 L / LA LH / AH LP / AP	112 M - -	112 - MH MP	[1)] 132 S / M / MA SH / MH / - SP / MP / -
g	145	165	183	201	228	228	266
g1 / g1Bre	124 / 132	142 / 142	147 / 147	169 / 173	179 / 182	179 / 182	204 / 201
k / kBre	530 / 588	555 / 619	596 / 671	626 / 717	649 / 742	674 / 767	735 / 842
o / oBre	236 / 294	261 / 325	302 / 377	332 / 423	355 / 448	380 / 473	435 / 542
m / mBre	42 / 49	47 / 51	52 / 56	58 / 62	64 / 67	64 / 67	71 / 62
n / nBre	100 / 134	114 / 153	114 / 153	114 / 153	114 / 153	114 / 153	122 / 185
p / pBre	100 / 89	114 / 108	114 / 108	114 / 108	114 / 108	114 / 108	122 / 139
s	M20 x 1,5	M25 x 1,5	M25 x 1,5	M25 x 1,5	M25 x 1,5	M25 x 1,5	M25 x 1,5

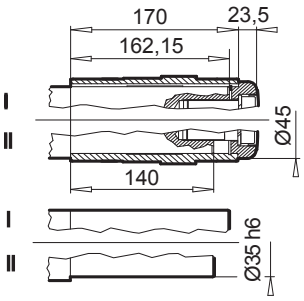
W ⇨📖B38

IEC ⇨📖B42

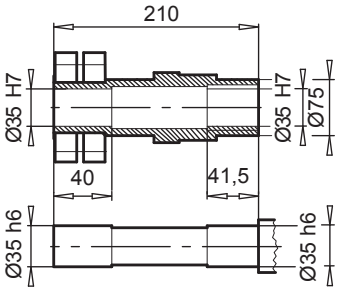


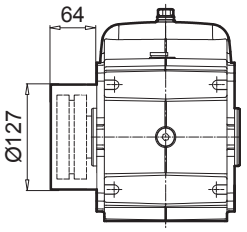


SK 92672.1 A**B**

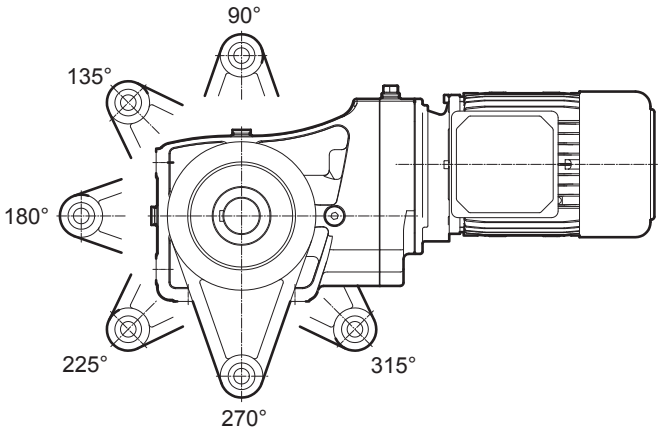


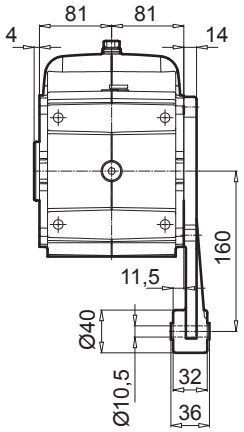
SK 92672.1 A**SH**



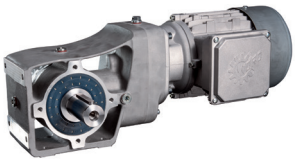


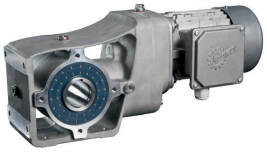
SK 92672.1 A**D**



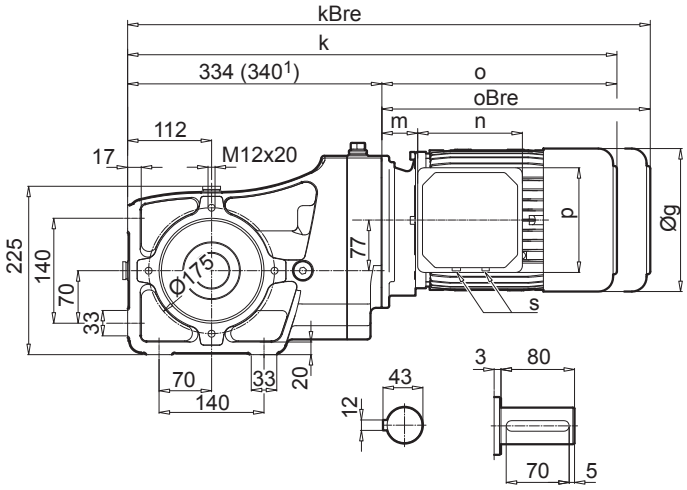


SK 92772.1

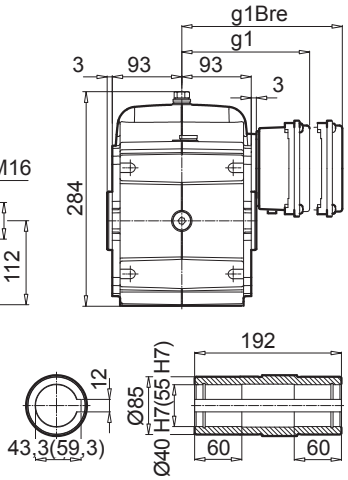




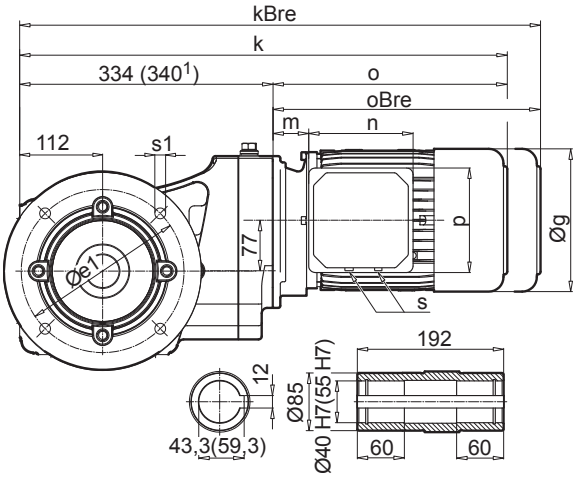
SK 92772.1 V

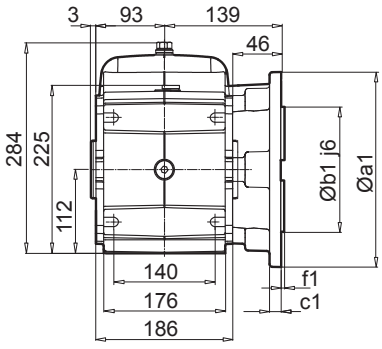


SK 92772.1 A

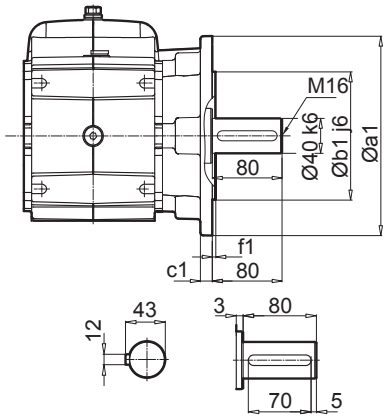


SK 92772.1AF





SK 92772.1 VF

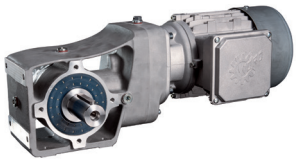


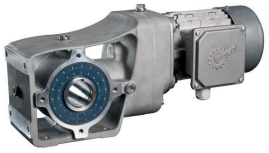
a1	b1	c1	e1	f1	s1
250	180	15	215	4	13,5

IE1 IE2 IE3	71 S / L - -	80 S / L SH / LH - / LP	90 S / L SH / LH SP / LP	100 L / LA LH / AH LP / AP	112 M - -	112 - MH MP	[1] 132 S / M / MA SH / MH / - SP / MP / -
g	145	165	183	201	228	228	266
g1 / g1Bre	124 / 132	142 / 142	147 / 147	169 / 173	179 / 182	179 / 182	204 / 201
k / kBre	570 / 628	595 / 659	636 / 711	666 / 757	689 / 782	714 / 807	775 / 882
o / oBre	236 / 294	261 / 325	302 / 377	332 / 423	355 / 448	380 / 473	435 / 542
m / mBre	42 / 49	47 / 51	52 / 56	58 / 62	64 / 67	64 / 67	71 / 62
n / nBre	100 / 134	114 / 153	114 / 153	114 / 153	114 / 153	114 / 153	122 / 185
p / pBre	100 / 89	114 / 108	114 / 108	114 / 108	114 / 108	114 / 108	122 / 139
s	M20 x 1,5	M25 x 1,5	M25 x 1,5	M25 x 1,5	M25 x 1,5	M25 x 1,5	M25 x 1,5

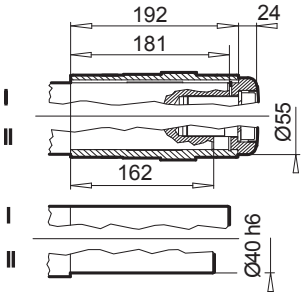
W ⇨ 📖B38

IEC ⇨ 📖B43

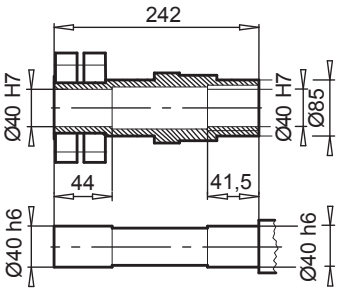


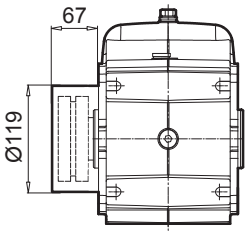


SK 92772.1 A**B**

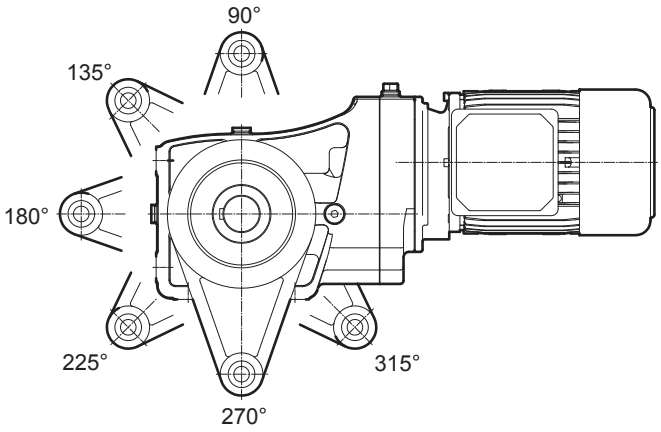


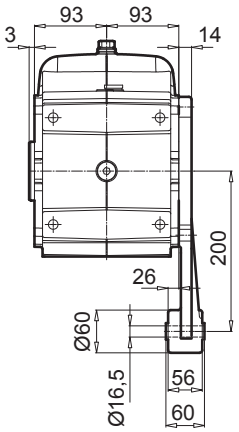
SK 92772.1 A**SH**



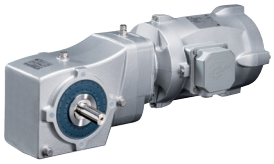


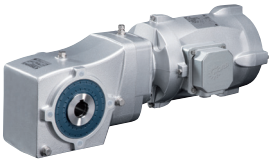
SK 92772.1 A**D**



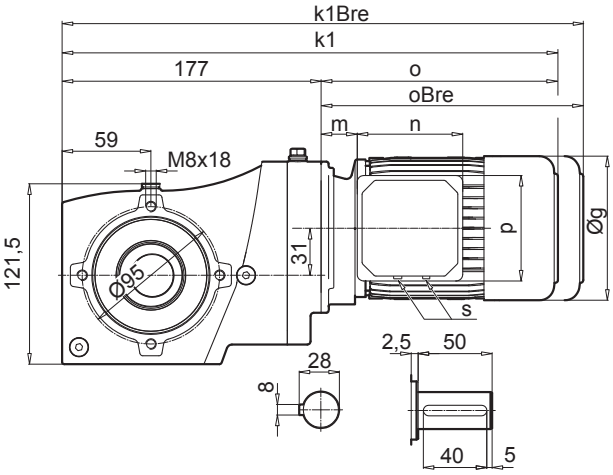


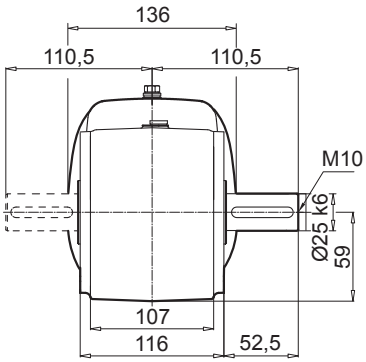
SK 93072.1



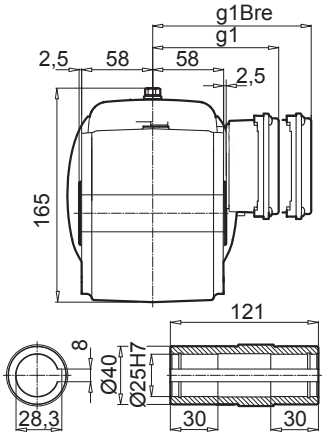


SK 93072.1 V

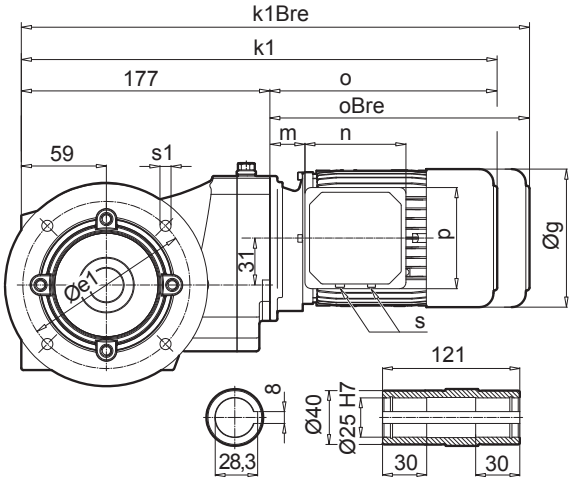




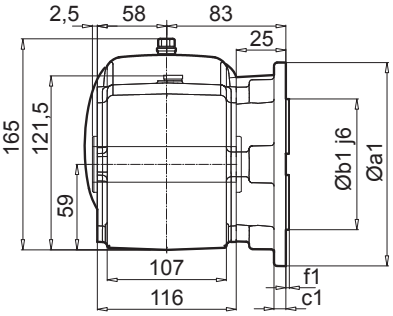
SK 93072.1 A

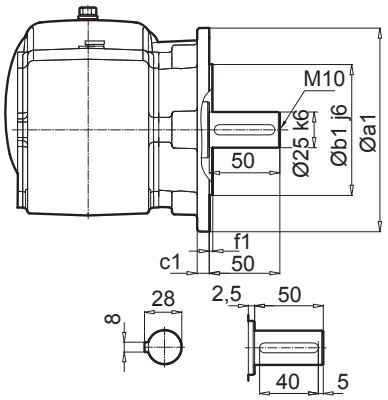


SK 93072.1AF



SK 93072.1 VF



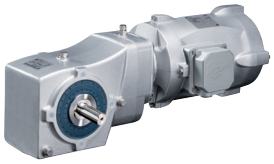


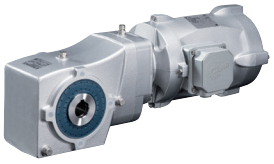
a1	b1	c1	e1	f1	s1
140	95	10	115	3,0	9

IE1 IE2 IE3	63 S / L - -	71 S / L - -	80 S / L SH / LH - / LP	90 S SH SP			
g	130	145	165	183			
g1 / g1Bre	115 / 123	124 / 132	142 / 142	147 / 147			
k1 / k1Bre	369 / 425	391 / 449	413 / 477	453 / 528			
o / oBre	192 / 248	214 / 272	236 / 300	276 / 351			
m / mBre	12 / 19	20 / 27	22 / 26	26 / 30			
n / nBre	100 / 134	100 / 134	114 / 153	114 / 153			
p / pBre	100 / 89	100 / 89	114 / 108	114 / 108			
s	M20 x 1,5	M20 x 1,5	M25 x 1,5	M25 x 1,5			

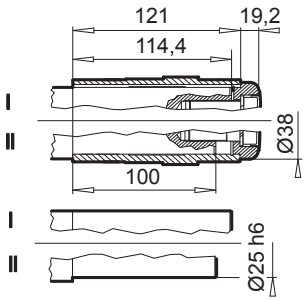
W ⇨📖B44

IEC ⇨📖B45

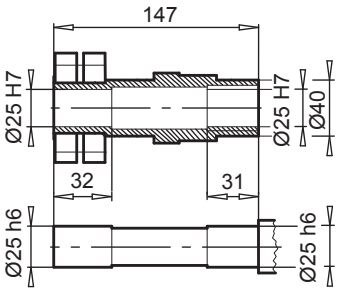


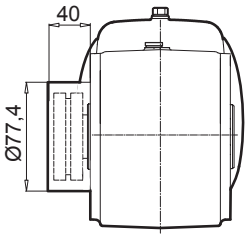


SK 93072.1 A**B**

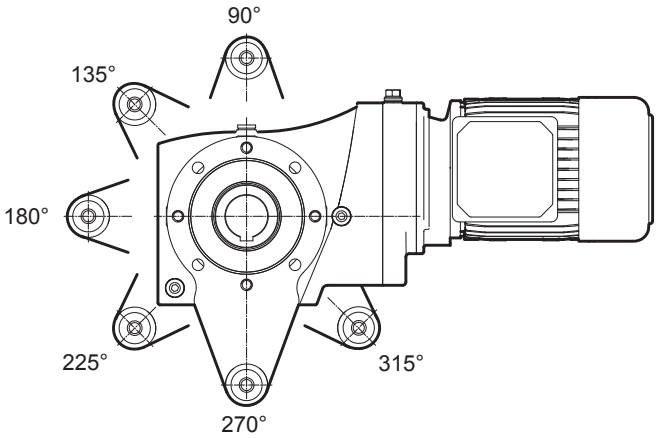


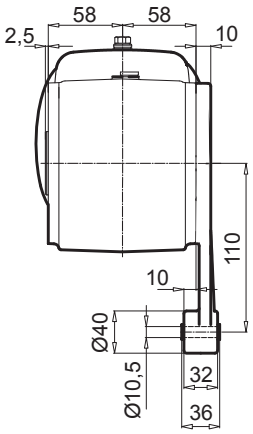
SK 93072.1 A**SH**



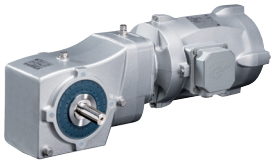


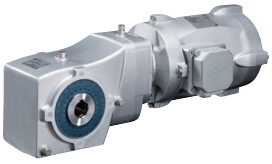
SK 93072.1 A**D**



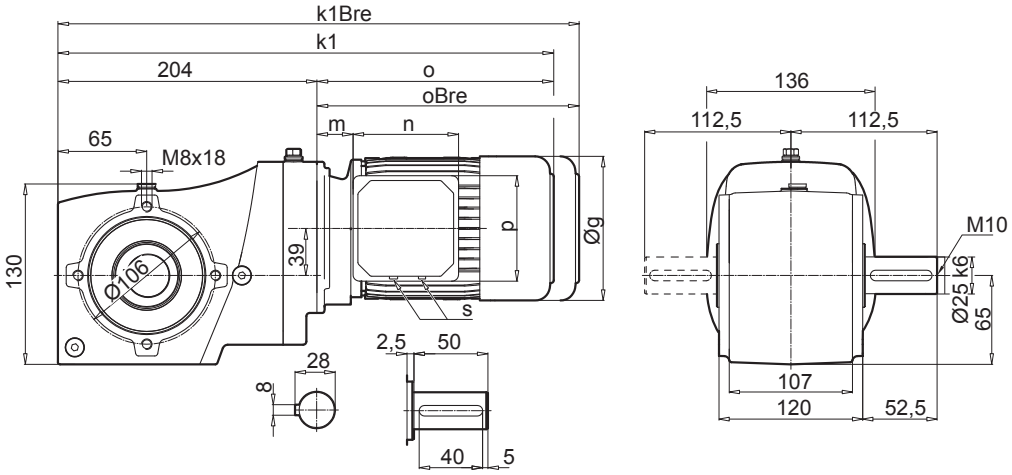


SK 93172.1

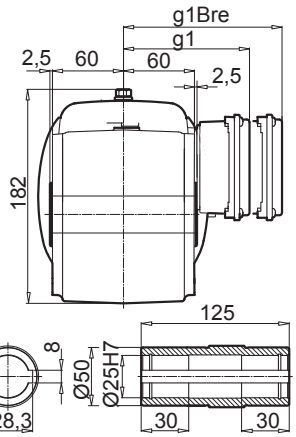




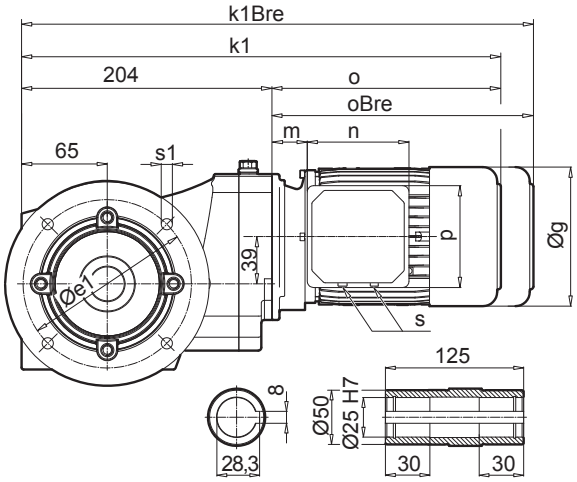
SK 93172.1 V



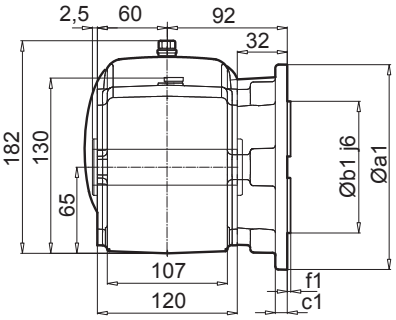
SK 93172.1 A

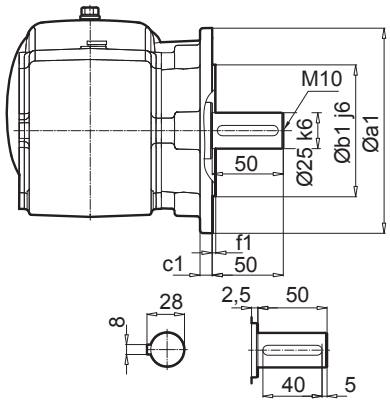


SK 93172.1AF



SK 93172.1 VF



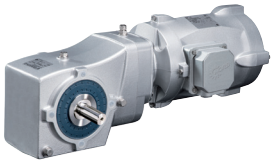


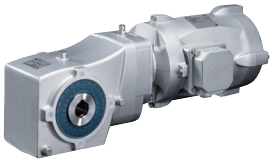
a1	b1	c1	e1	f1	s1
160	110	12	130	3,5	9

IE1 IE2 IE3	63 S / L - -	71 S / L - -	80 S / L SH / LH - / LP	90 S / L SH / LH SP / LP			
g	130	145	165	183			
g1 / g1Bre	115 / 123	124 / 132	142 / 142	147 / 147			
k1/ k1Bre	396 / 452	418 / 476	440 / 504	480 / 555			
o / oBre	192 / 248	214 / 272	236 / 300	276 / 351			
m / mBre	12 / 19	20 / 27	22 / 26	26 / 30			
n / nBre	100 / 134	100 / 134	114 / 153	114 / 153			
p / pBre	100 / 89	100 / 89	114 / 108	114 / 108			
s	M20 x 1,5	M20 x 1,5	M25 x 1,5	M25 x 1,5			

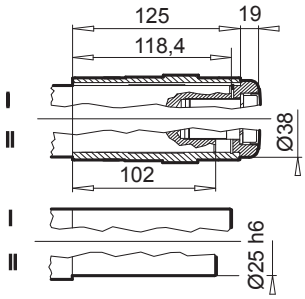
W ⇨📖B44

IEC ⇨📖B46

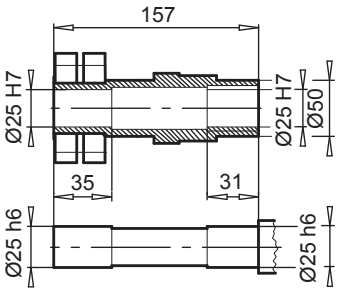


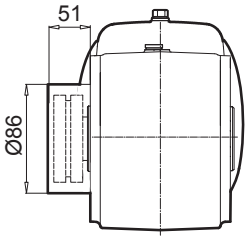


SK 93172.1 A**B**

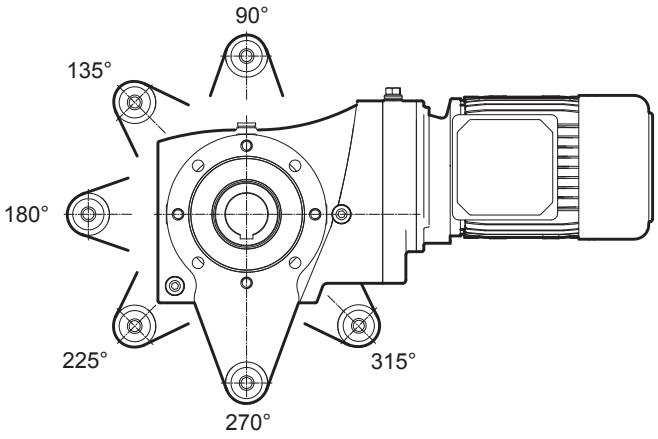


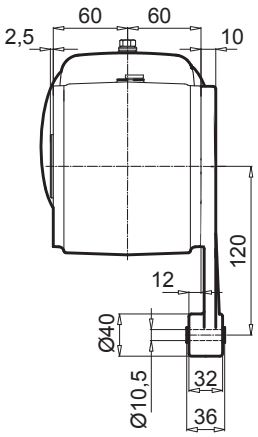
SK 93172.1 A**SH**



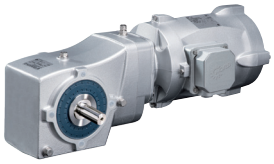


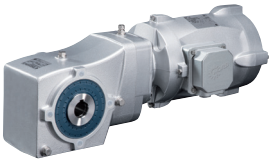
SK 93172.1 A**D**



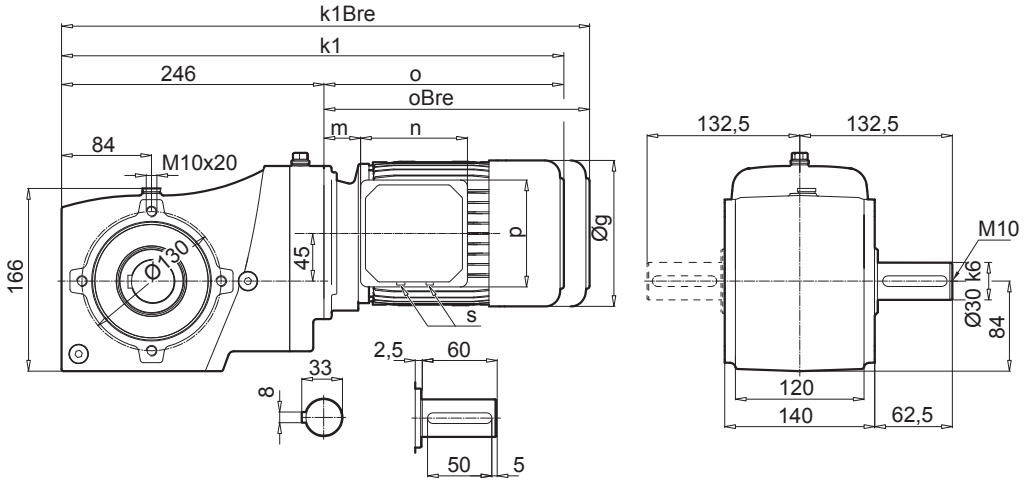


SK 93372.1





SK 93372.1 V



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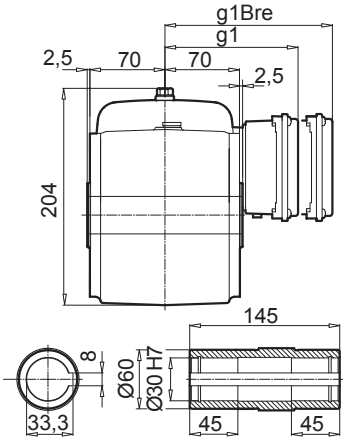
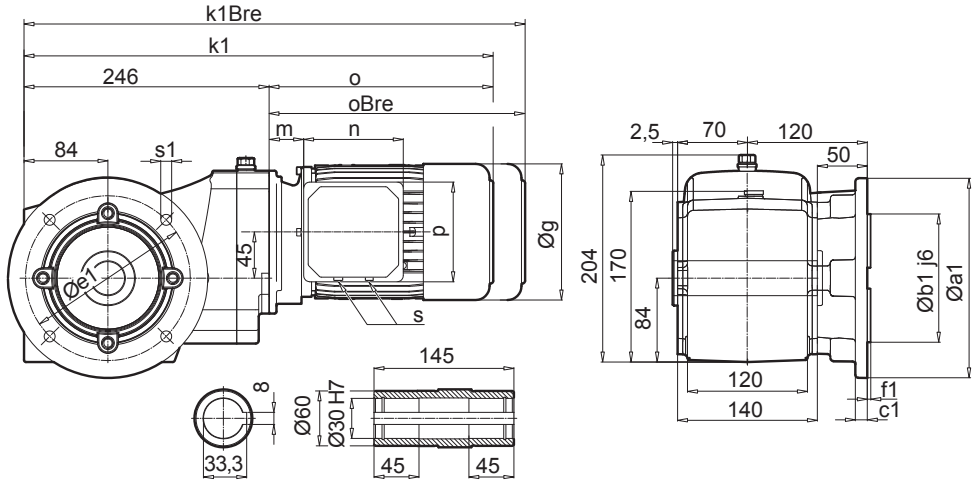
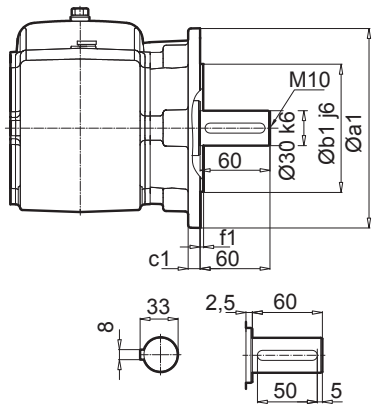


SK 93372.1AF



SK 93372.1 VF

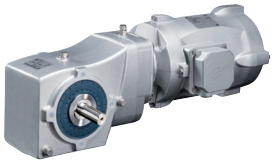


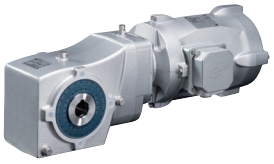
a1	b1	c1	e1	f1	s1
160	110	12	130	3,5	9
200	130	12	165	3,5	11

IE1 IE2 IE3	63 S / L - -	71 S / L - -	80 S / L SH / LH - / LP	90 S / L SH / LH SP / LP	100 L / LA LH / AH LP / AP		
g	130	145	165	183	201		
g1 / g1Bre	115 / 123	124 / 132	142 / 142	147 / 147	169 / 173		
k1 / k1Bre	442 / 498	482 / 540	507 / 571	548 / 623	578 / 669		
o / oBre	196 / 252	236 / 294	261 / 325	302 / 377	332 / 423		
m / mBre	16 / 23	42 / 49	47 / 51	52 / 56	58 / 62		
n / nBre	100 / 134	100 / 134	114 / 153	114 / 153	114 / 153		
p / pBre	100 / 89	100 / 89	144 / 108	144 / 108	144 / 108		
s	M20 x 1,5	M20 x 1,5	M25 x 1,5	M25 x 1,5	M25 x 1,5		

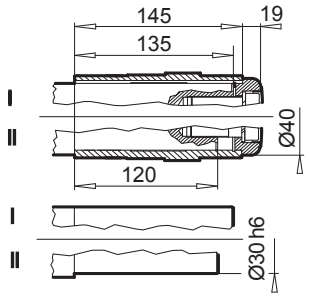
W ⇨📖B44

IEC ⇨📖B47

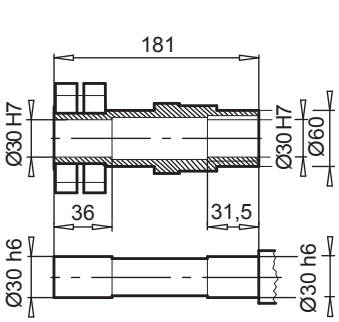


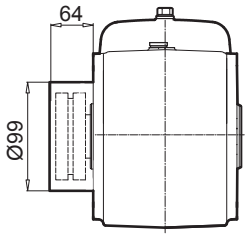


SK 93372.1 A**B**



SK 93372.1 A**SH**





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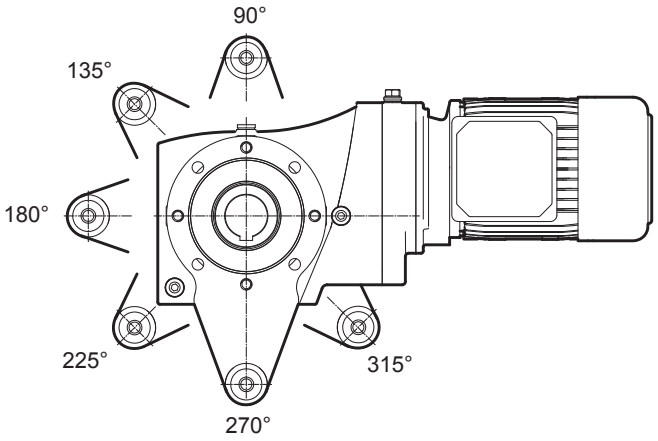
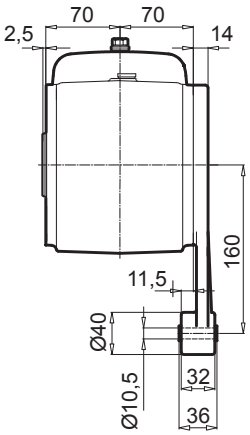
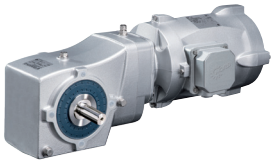
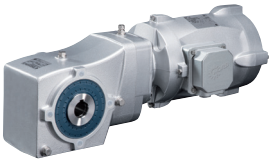


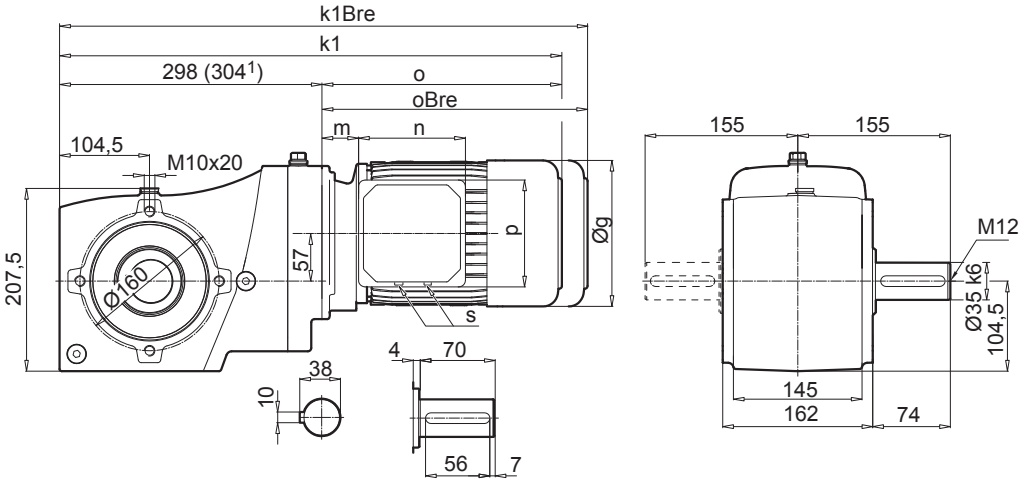


SK 93672.1

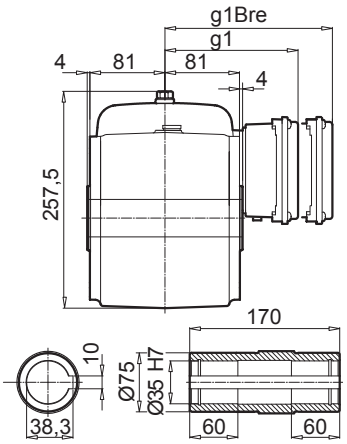




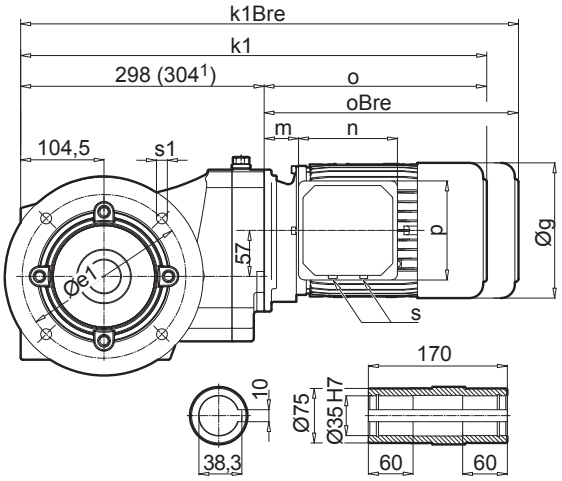
SK 93672.1 V

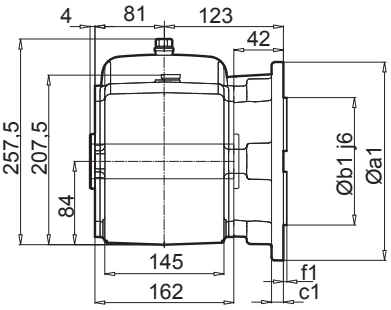


SK 93672.1 A

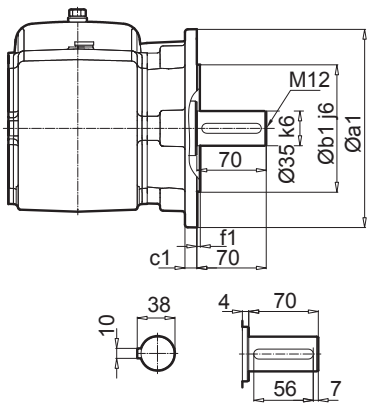


SK 93672.1AF





SK 93672.1 VF

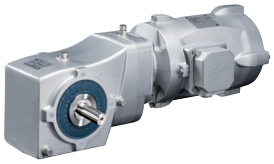


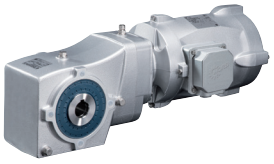
a1	b1	c1	e1	f1	s1
160	110	10	130	3,5	9
200	130	12	165	3,5	11,4

IE1 IE2 IE3	71 S / L - -	80 S / L SH / LH - / LP	90 S / L SH / LH SP / LP	100 L / LA LH / AH LP / AP	112 M - -	112 - MH MP	[1] 132 S / M / MA SH / MH / - SP / MP / -
g	145	165	183	201	228	228	266
g1 / g1Bre	124 / 132	142 / 142	147 / 147	169 / 173	179 / 182	179 / 182	204 / 201
k1 / k1Bre	534 / 592	559 / 623	600 / 675	630 / 721	653 / 746	678 / 771	739 / 846
o / oBre	236 / 294	261 / 325	302 / 377	332 / 423	355 / 448	380 / 473	435 / 542
m / mBre	42 / 49	47 / 51	52 / 56	58 / 62	64 / 67	64 / 67	71 / 62
n / nBre	100 / 134	114 / 153	114 / 153	114 / 153	114 / 153	114 / 153	122 / 185
p / pBre	100 / 89	114 / 108	114 / 108	114 / 108	114 / 108	114 / 108	122 / 139
s	M20 x 1,5	M25 x 1,5	M25 x 1,5	M25 x 1,5	M25 x 1,5	M25 x 1,5	M25 x 1,5

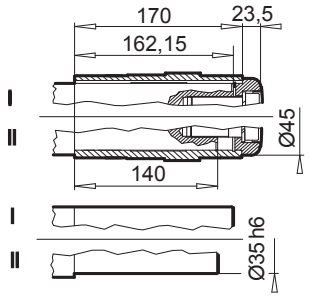
W ⇨📖B44

IEC ⇨📖B48

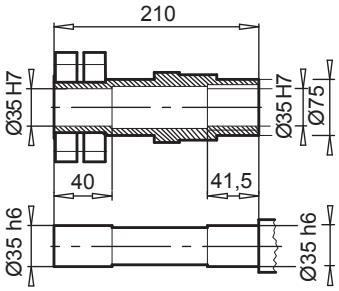


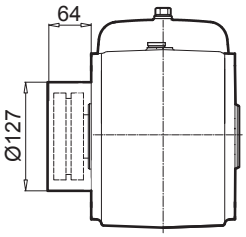


SK 93672.1 A**B**

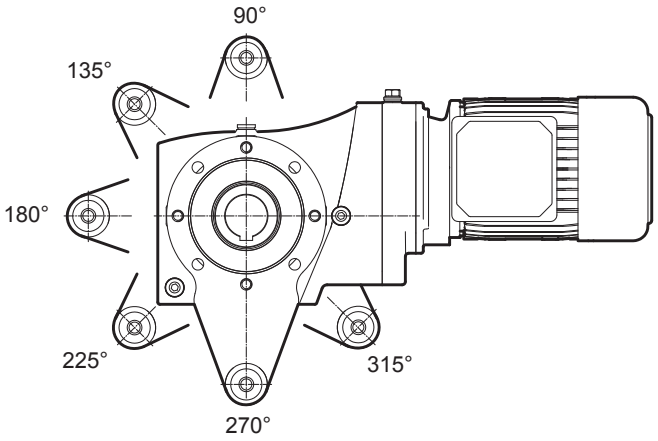


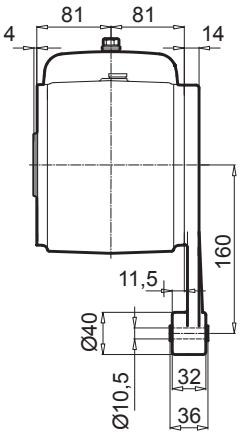
SK 93672.1 A**SH**





SK 93672.1 A**D**





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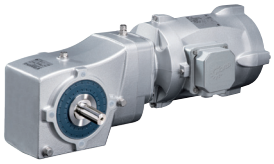
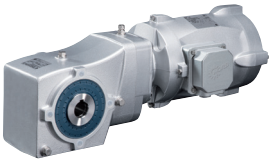
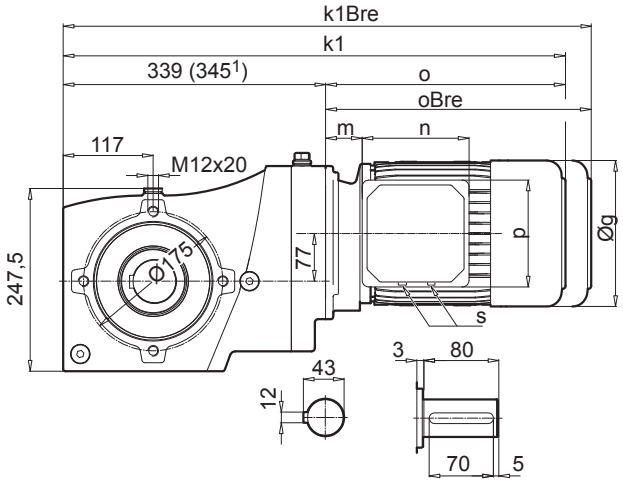
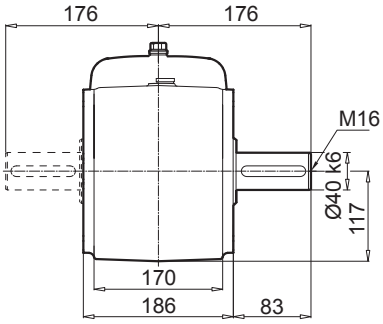


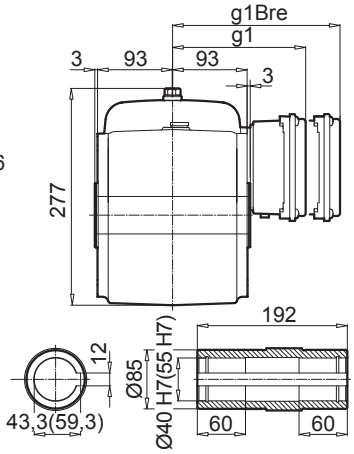


SK 93772.1 V

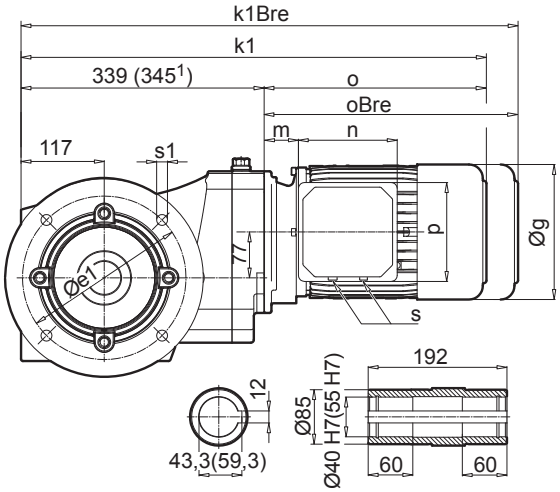


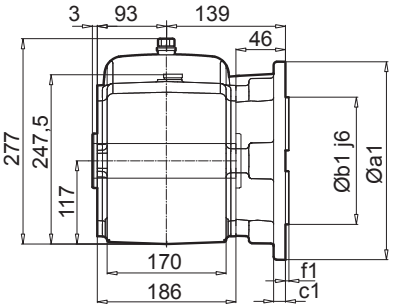


SK 93772.1 A

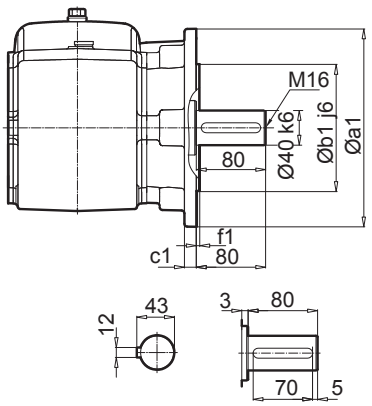


SK 93772.1AF





SK 93772.1 VF

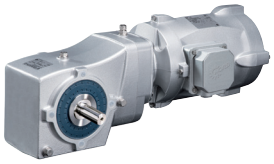


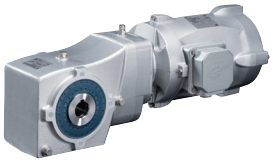
a1	b1	c1	e1	f1	s1
250	180	15	215	4	13,5

IE1 IE2 IE3	71 S / L - -	80 S / L SH / LH - / LP	90 S / L SH / LH SP / LP	100 L / LA LH / AH LP / AP	112 M - -	112 - MH MP	[1] 132 S / M / MA SH / MH / - SP / MP / -
g	145	165	183	201	228	228	266
g1 / g1Bre	124 / 132	142 / 142	147 / 147	169 / 173	179 / 182	179 / 182	204 / 201
k1 / k1Bre	575 / 633	600 / 664	641 / 716	671 / 762	694 / 787	719 / 812	780 / 887
o / oBre	236 / 294	261 / 325	302 / 377	332 / 423	355 / 448	380 / 473	435 / 542
m / mBre	42 / 49	47 / 51	52 / 56	58 / 62	64 / 67	64 / 67	71 / 62
n / nBre	100 / 134	114 / 153	114 / 153	114 / 153	114 / 153	114 / 153	122 / 185
p / pBre	100 / 89	114 / 108	114 / 108	114 / 108	114 / 108	114 / 108	122 / 139
s	M20 x 1,5	M25 x 1,5	M25 x 1,5	M25 x 1,5	M25 x 1,5	M25 x 1,5	M25 x 1,5

W ⇨ 📖B44

IEC ⇨ 📖B49





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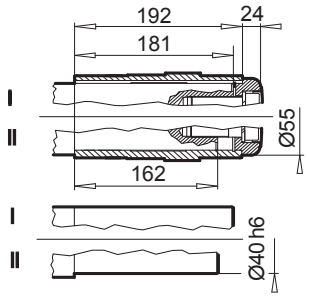
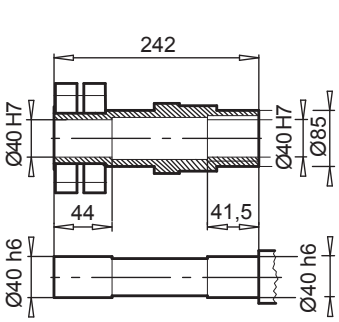
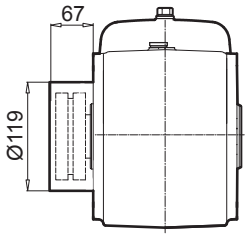
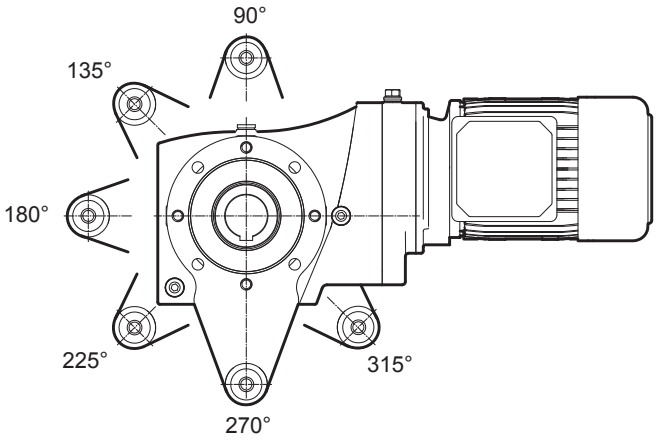


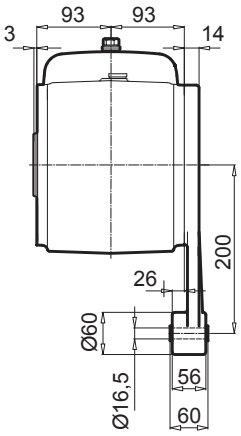
SK 93772.1 A**SH**

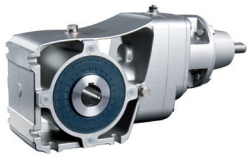




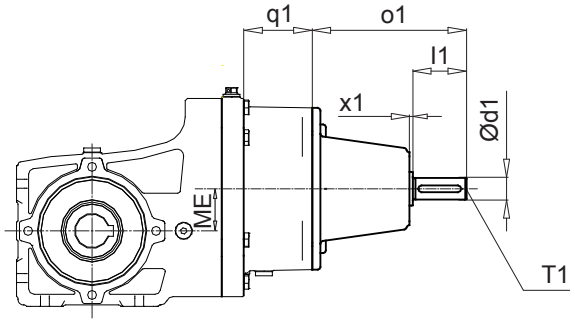
SK 93772.1 A**D**

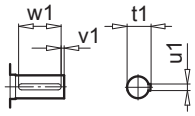






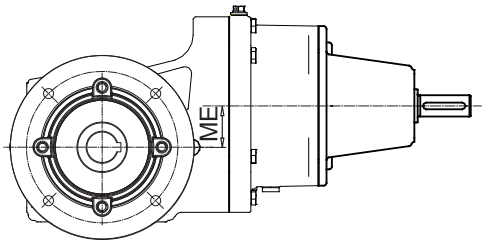
SK 92072.1 V (A) - W
SK 92172.1 V (A) - W



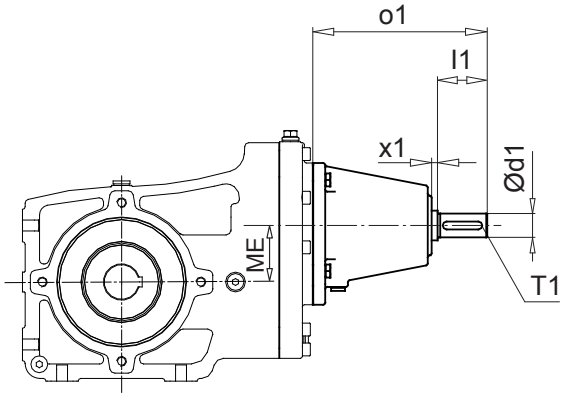


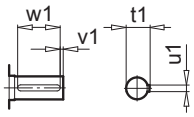
Getriebetyp	q1
SK 92072.1	46
SK 92172.1	44,5

SK 92072.1 VF (AF) - W
SK 92172.1 VF (AF) - W

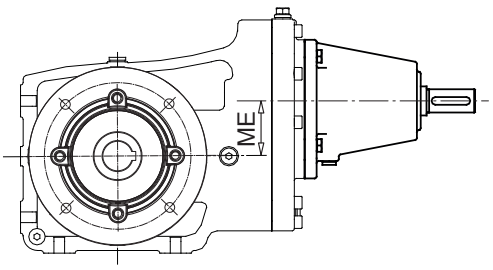


SK 92372.1 V (A) - W
SK 92672.1 V (A) - W
SK 92772.1 V (A) - W

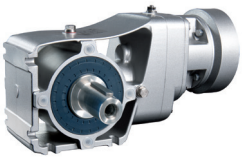




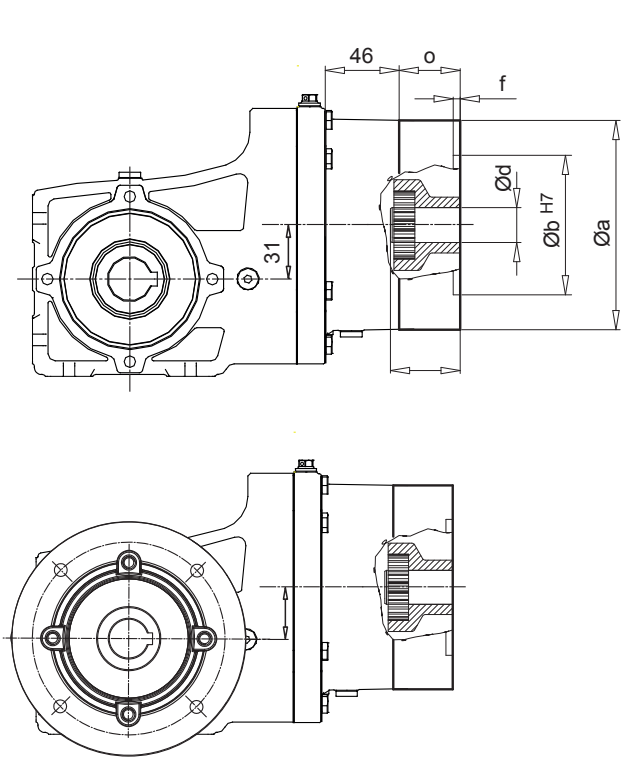
SK 92372.1 VF (AF) - W
SK 92672.1 VF (AF) - W
SK 92772.1 VF (AF) - W



Gear units types	ME	d1	l1	o1	x1	u1	t1	v1	w1	T1
SK 92072.1 V (A) / SK 92072.1 VF (AF)	31	16	40	114,5	2,5	5	18	4	32	M6
SK 92172.1 V (A) / SK 92172.1 VF (AF)	39	16	40	114,5	2,5	5	18	4	32	M6
SK 92372.1 V (A) / SK 92372.1 VF (AF)	45	24	50	177,5	8	8	27	5	40	M8
SK 92672.1 V (A) / SK 92672.1 VF (AF)	57	24	50	177,5	8	8	27	5	40	M8
SK 92772.1 V (A) / SK 92772.1 VF (AF)	77	24	50	177,5	8	8	27	5	40	M8

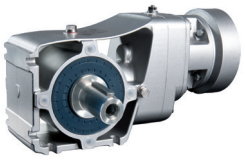


SK 92072.1 V (A) - IEC 56...80
SK 92072.1 VF(AF) - IEC 56...80

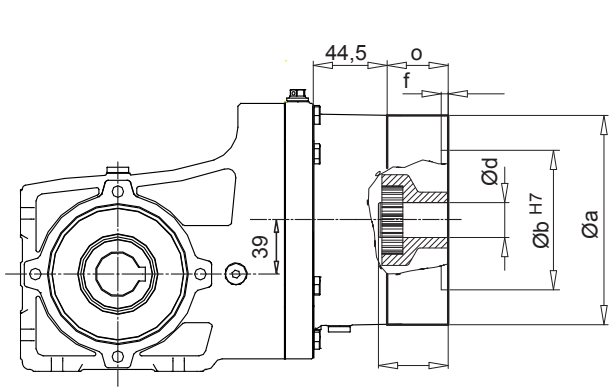


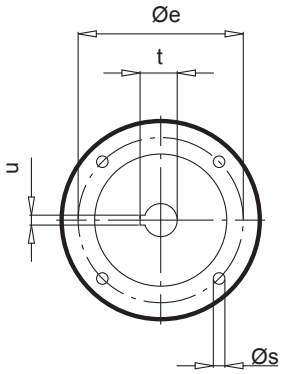
IEC	a	b	e	f	s	o	d	l	t	u
IEC 56 - C105	105	70	85	3	7	32,5	9	20	11,4	3
IEC 56 - A120	120	80	100	3,5	7	32,5				
IEC 63 - C90 *	90	60	75	3	6	32,5	11	23	12,8	4
IEC 63 - C120	120	80	100	3,5	7	32,5				
IEC 63 - A140	140	95	115	3,5	9	32,5				
IEC 71 - C105 *	105	70	85	3	7	32,5	14	30	16,3	5
IEC 71 - C140	140	95	115	3,5	9	32,5				
IEC 71 - A160	160	110	130	4	9	32,5				
IEC 80 - C120 *	120	80	100	3,5	7	32,5	19	40	21,8	6
IEC 80 - C160	160	110	130	4	9	32,5				
IEC 80 - A200	200	130	165	4	M10x20	32,5				

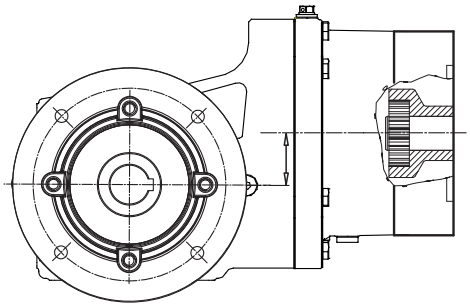
* IEC-Advantages row



SK 92172.1 V (A) - IEC 56...90
SK 92172.1 VF(AF) - IEC 56...90

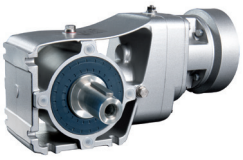




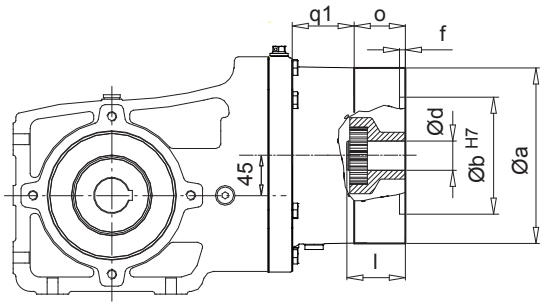


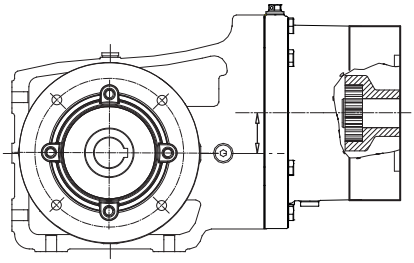
IEC	a	b	e	f	s	o	d	l	t	u
IEC 56 - C105	105	70	85	3	7	32,5	9	20	11,4	3
IEC 56 - A120	120	80	100	3,5	7	32,5				
IEC 63 - C90 *	90	60	75	3	6	32,5	11	23	12,8	4
IEC 63 - C120	120	80	100	3,5	7	32,5				
IEC 63 - A140	140	95	115	3,5	9	32,5				
IEC 71 - C105 *	105	70	85	3	7	32,5	14	30	16,3	5
IEC 71 - C140	140	95	115	3,5	9	32,5				
IEC 71 - A160	160	110	130	4	9	32,5				
IEC 80 - C120 *	120	80	100	3,5	7	32,5	19	40	21,8	6
IEC 80 - C160	160	110	130	4	9	32,5				
IEC 80 - A200	200	130	165	4	M10x20	32,5				
IEC 90 - C140 *	140	95	115	3,5	9	45,5	24	50	27,3	8
IEC 90 - C160	160	110	130	4	9	45,5				
IEC 90 - A200	200	130	165	4	M10x20	45,5				

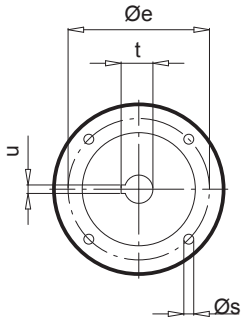
* IEC-Advantages row



SK 92372.1 V (A) - IEC 63...90
SK 92372.1 VF(AF) - IEC 63...90





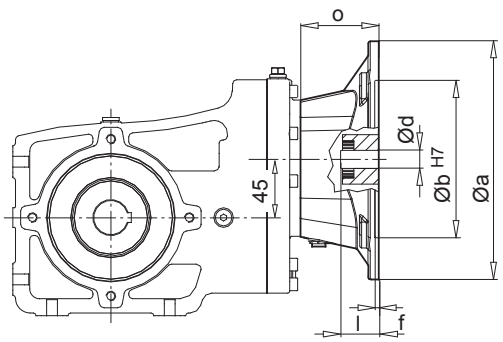


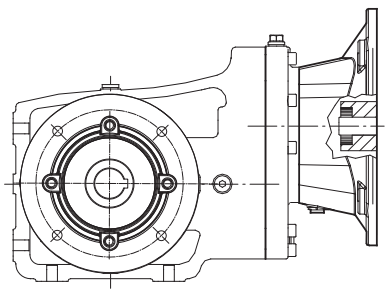
i_{ges}	q1
≥ 18,33	56
< 18,33	40

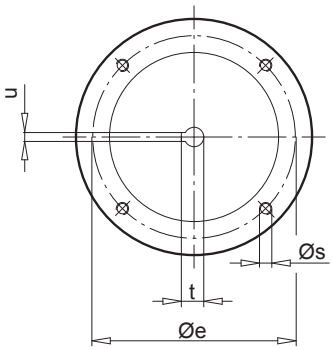
IEC	a	b	e	f	s	o	d	l	t	u
IEC 63 - C90 *	90	60	75	3	6	32,5	11	23	12,8	4
IEC 63 - C120	120	80	100	3,5	7	32,5				
IEC 63 - A140	140	95	115	3,5	9	32,5				
IEC 71 - C105 *	105	70	85	3	7	32,5	14	30	16,3	5
IEC 71 - C140	140	95	115	3,5	9	32,5				
IEC 71 - A160	160	110	130	4	9	32,5				
IEC 80 - C120 *	120	80	100	3,5	7	32,5	19	40	21,8	6
IEC 80 - C160	160	110	130	4	9	32,5				
IEC 80 - A200	200	130	165	4	M10x20	32,5				
IEC 90 - C140 *	140	95	115	3,5	9	45,5	24	50	27,3	8
IEC 90 - C160	160	110	130	4	9	45,5				
IEC 90 - A200	200	130	165	4	M10x20	45,5				

* IEC-Advantages row

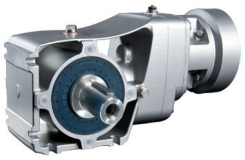
SK 92372.1 V (A) - IEC 100
SK 92372.1 VF(AF) - IEC 100



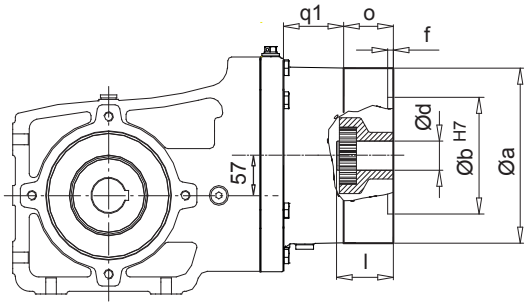


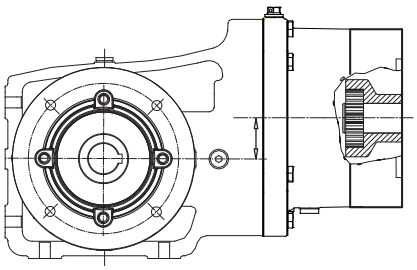


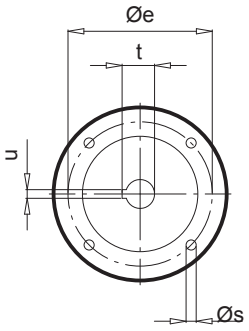
IEC	a	b	e	f	s	o	d	l	t	u
IEC 100	250	180	215	5	M12	82	28	60	31,3	8



SK 92672.1 V (A) - IEC 63...90
SK 92672.1 VF(AF) - IEC 63...90





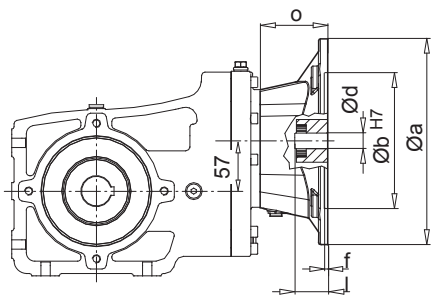


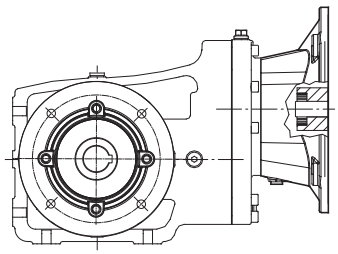
i_{ges}	q1
≥ 18,21	56
< 18,21	40

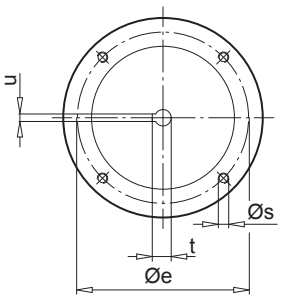
IEC	a	b	e	f	s	o	d	l	t	u
IEC 63 - C90 *	90	60	75	3	6	32,5	11	23	12,8	4
IEC 63 - C120	120	80	100	3,5	7	32,5				
IEC 63 - A140	140	95	115	3,5	9	32,5				
IEC 71 - C105 *	105	70	85	3	7	32,5	14	30	16,3	5
IEC 71 - C140	140	95	115	3,5	9	32,5				
IEC 71 - A160	160	110	130	4	9	32,5				
IEC 80 - C120 *	120	80	100	3,5	7	32,5	19	40	21,8	6
IEC 80 - C160	160	110	130	4	9	32,5				
IEC 80 - A200	200	130	165	4	M10x20	32,5				
IEC 90 - C140 *	140	95	115	3,5	9	45,5	24	50	27,3	8
IEC 90 - C160	160	110	130	4	9	45,5				
IEC 90 - A200	200	130	165	4	M10x20	45,5				

* IEC-Advantages row

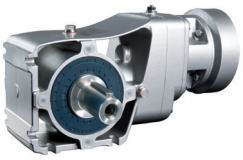
SK 92672.1 V (A) - IEC 100...132
SK 92672.1 VF(AF) - IEC 100...132



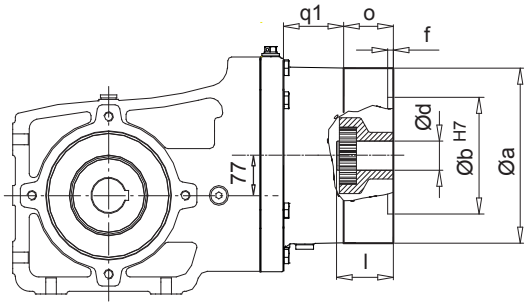


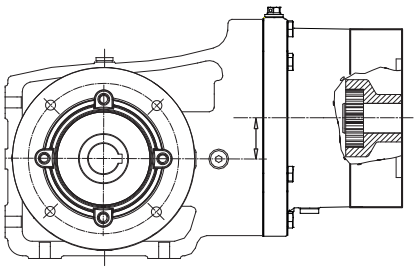


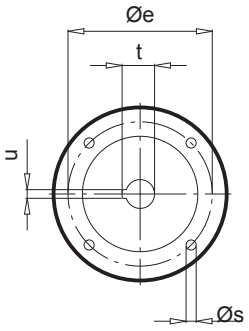
IEC	a	b	e	f	s	o	d	l	t	u
IEC 100	250	180	215	5	M12	82	28	60	31,3	8
IEC 112	250	180	215	5	M12	82	28	60	31,3	8
IEC 132	300	230	265	5	M12	111	38	80	41,3	10



SK 92772.1 V (A) - IEC 63...90
SK 92772.1 VF(AF) - IEC 63...90





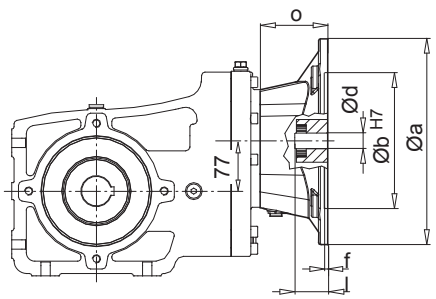


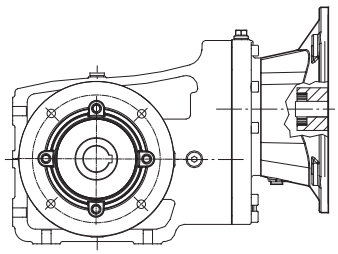
i_{ges}	q1
≥ 28,38	56
< 28,38	40

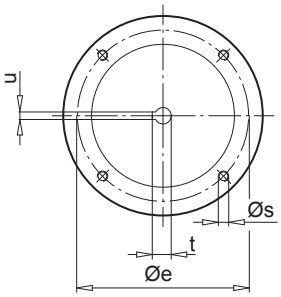
IEC	a	b	e	f	s	o	d	l	t	u
IEC 63 - C90 *	90	60	75	3	6	32,5	11	23	12,8	4
IEC 63 - C120	120	80	100	3,5	7	32,5				
IEC 63 - A140	140	95	115	3,5	9	32,5				
IEC 71 - C105 *	105	70	85	3	7	32,5	14	30	16,3	5
IEC 71 - C140	140	95	115	3,5	9	32,5				
IEC 71 - A160	160	110	130	4	9	32,5				
IEC 80 - C120 *	120	80	100	3,5	7	32,5	19	40	21,8	6
IEC 80 - C160	160	110	130	4	9	32,5				
IEC 80 - A200	200	130	165	4	M10x20	32,5				
IEC 90 - C140 *	140	95	115	3,5	9	45,5	24	50	27,3	8
IEC 90 - C160	160	110	130	4	9	45,5				
IEC 90 - A200	200	130	165	4	M10x20	45,5				

* IEC-Advantages row

SK 92772.1 V (A) - IEC 100...132
SK 92772.1 VF(AF) - IEC 100...132

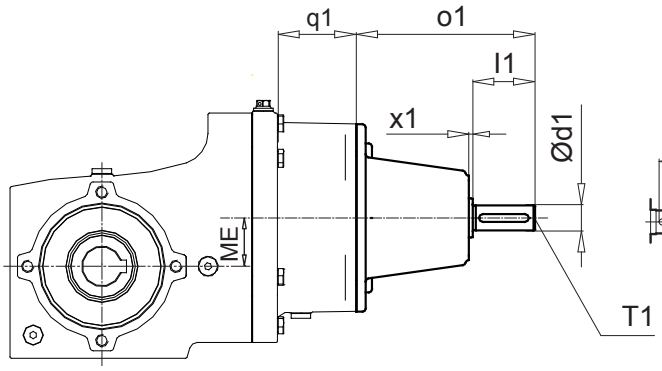






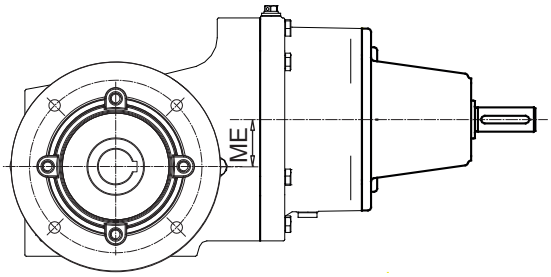
IEC	a	b	e	f	s	o	d	l	t	u
IEC 100	250	180	215	5	M12	82	28	60	31,3	8
IEC 112	250	180	215	5	M12	82	28	60	31,3	8
IEC 132	300	230	265	5	M12	111	38	80	41,3	10

SK 93072.1 V (A) - W
SK 93172.1 V (A) - W

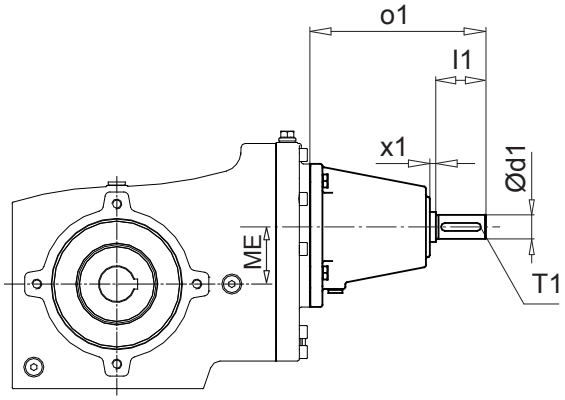


Getriebetyp	q1
SK 92072.1	46
SK 92172.1	44,5

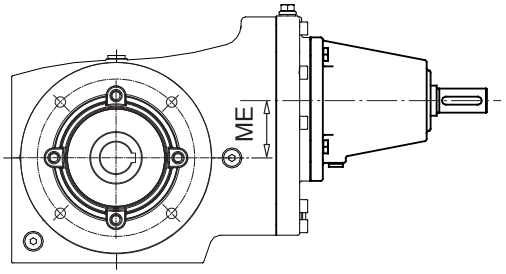
SK 93072.1 VF (AF) - W
SK 93172.1 VF (AF) - W



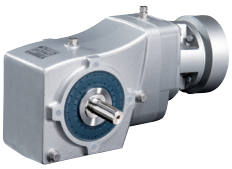
SK 93372.1 V (A) - W
SK 93672.1 V (A) - W
SK 93772.1 V (A) - W



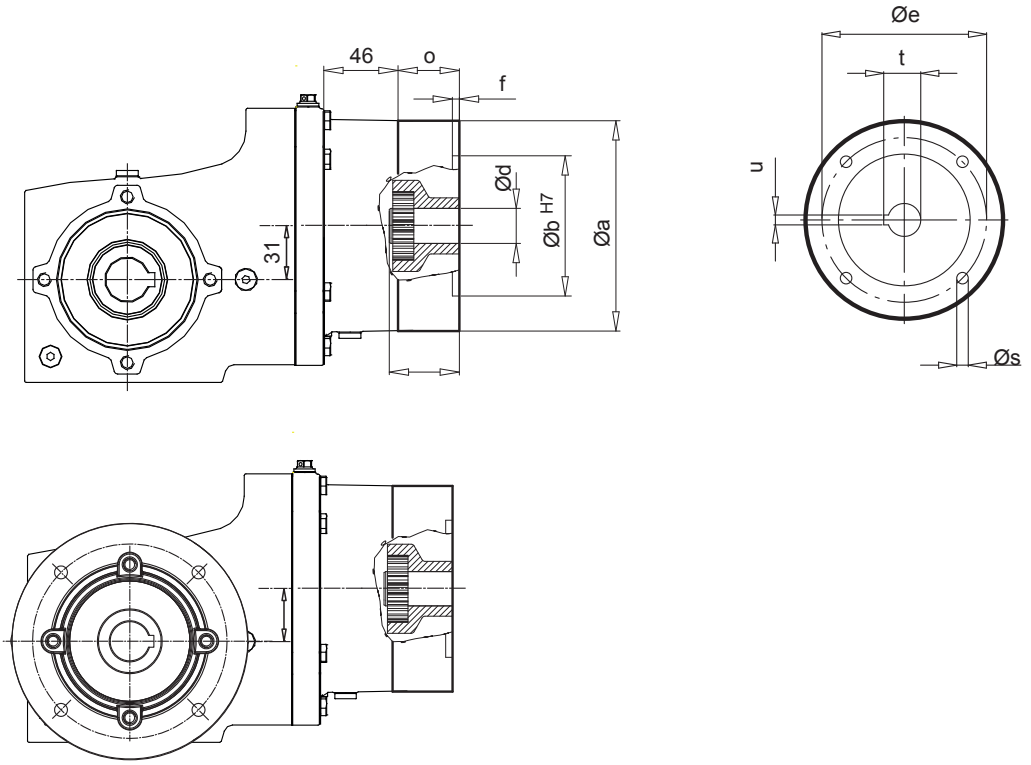
SK 93372.1 VF (AF) - W
SK 93672.1 VF (AF) - W
SK 93772.1 VF (AF) - W



Gear units types	ME	d1	l1	o1	x1	u1	t1	v1	w1	T1
SK 93072.1 V (A) / SK 93072.1 VF (AF)	31	16	40	114,5	2,5	5	18	4	32	M6
SK 93172.1 V (A) / SK 93172.1 VF (AF)	39	16	40	114,5	2,5	5	18	4	32	M6
SK 93372.1 V (A) / SK 93372.1 VF (AF)	45	24	50	177,5	8	8	27	5	40	M8
SK 93672.1 V (A) / SK 93672.1 VF (AF)	57	24	50	177,5	8	8	27	5	40	M8
SK 93772.1 V (A) / SK 93772.1 VF (AF)	77	24	50	177,5	8	8	27	5	40	M8

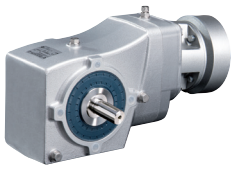


SK 93072.1 V (A) - IEC 56...80
SK 93072.1 VF(AF) - IEC 56...80

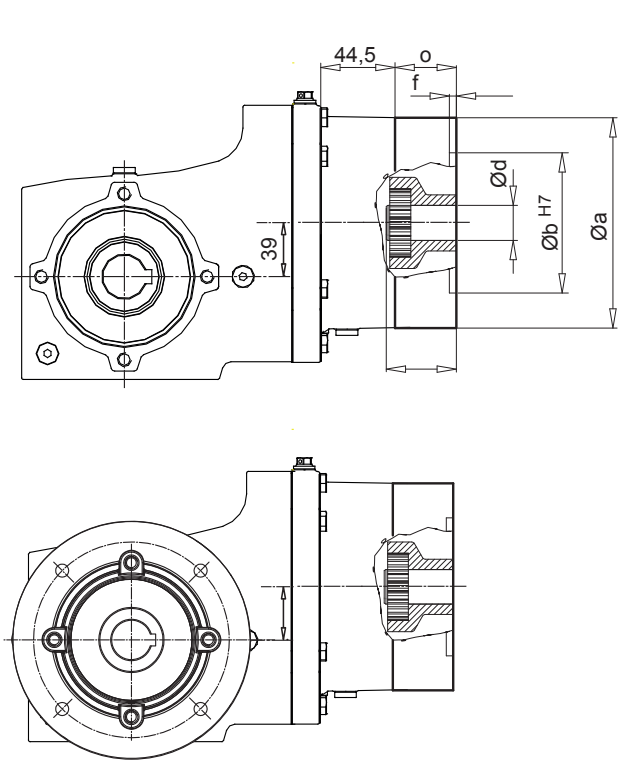


IEC	a	b	e	f	s	o	d	l	t	u
IEC 56 - C105	105	70	85	3	7	32,5	9	20	11,4	3
IEC 56 - A120	120	80	100	3,5	7	32,5				
IEC 63 - C90 *	90	60	75	3	6	32,5	11	23	12,8	4
IEC 63 - C120	120	80	100	3,5	7	32,5				
IEC 63 - A140	140	95	115	3,5	9	32,5				
IEC 71 - C105 *	105	70	85	3	7	32,5	14	30	16,3	5
IEC 71 - C140	140	95	115	3,5	9	32,5				
IEC 71 - A160	160	110	130	4	9	32,5				
IEC 80 - C120 *	120	80	100	3,5	7	32,5	19	40	21,8	6
IEC 80 - C160	160	110	130	4	9	32,5				
IEC 80 - A200	200	130	165	4	M10x20	32,5				

* IEC-Advantages row

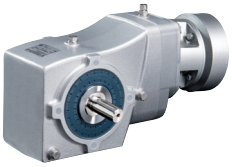


SK 93172.1 V (A) - IEC 56...90
SK 93172.1 VF(AF) - IEC 56...90

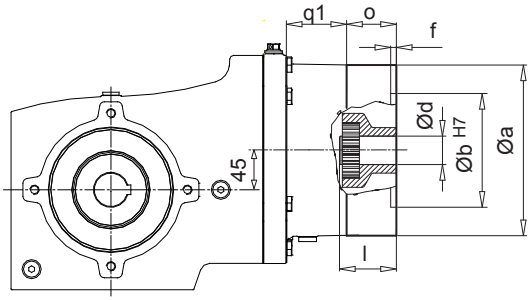


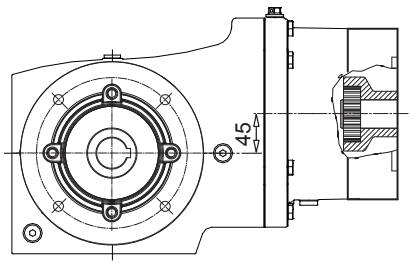
IEC	a	b	e	f	s	o	d	l	t	u
IEC 56 - C105	105	70	85	3	7	32,5	9	20	11,4	3
IEC 56 - A120	120	80	100	3,5	7	32,5				
IEC 63 - C90 *	90	60	75	3	6	32,5	11	23	12,8	4
IEC 63 - C120	120	80	100	3,5	7	32,5				
IEC 63 - A140	140	95	115	3,5	9	32,5				
IEC 71 - C105 *	105	70	85	3	7	32,5	14	30	16,3	5
IEC 71 - C140	140	95	115	3,5	9	32,5				
IEC 71 - A160	160	110	130	4	9	32,5				
IEC 80 - C120 *	120	80	100	3,5	7	32,5	19	40	21,8	6
IEC 80 - C160	160	110	130	4	9	32,5				
IEC 80 - A200	200	130	165	4	M10x20	32,5				
IEC 90 - C140 *	140	95	115	3,5	9	45,5	24	50	27,3	8
IEC 90 - C160	160	110	130	4	9	45,5				
IEC 90 - A200	200	130	165	4	M10x20	45,5				

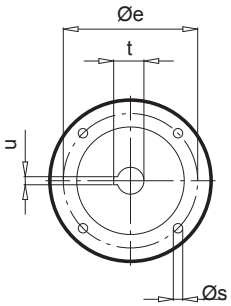
* IEC-Advantages row



SK 93372.1 V (A) - IEC 63...90
SK 93372.1 VF(AF) - IEC 63...90





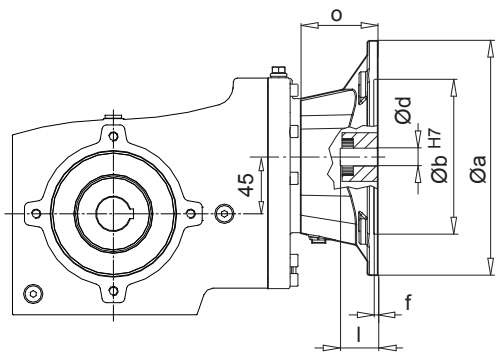


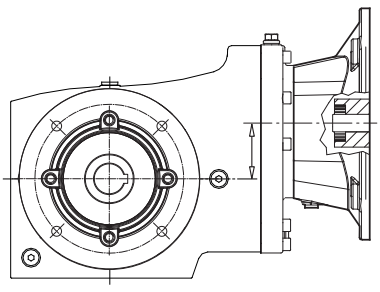
i_{ges}	q1
≥ 18,33	56
< 18,33	40

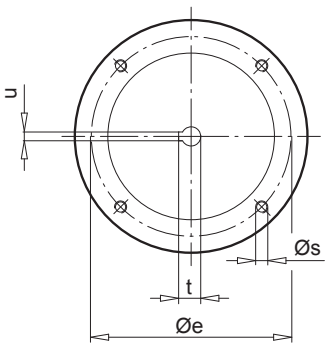
IEC	a	b	e	f	s	o	d	l	t	u
IEC 63 - C90 *	90	60	75	3	6	32,5	11	23	12,8	4
IEC 63 - C120	120	80	100	3,5	7	32,5				
IEC 63 - A140	140	95	115	3,5	9	32,5				
IEC 71 - C105 *	105	70	85	3	7	32,5	14	30	16,3	5
IEC 71 - C140	140	95	115	3,5	9	32,5				
IEC 71 - A160	160	110	130	4	9	32,5				
IEC 80 - C120 *	120	80	100	3,5	7	32,5	19	40	21,8	6
IEC 80 - C160	160	110	130	4	9	32,5				
IEC 80 - A200	200	130	165	4	M10x20	32,5				
IEC 90 - C140 *	140	95	115	3,5	9	45,5	24	50	27,3	8
IEC 90 - C160	160	110	130	4	9	45,5				
IEC 90 - A200	200	130	165	4	M10x20	45,5				

* IEC-Advantages row

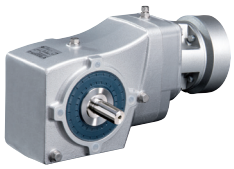
SK 93372.1 V (A) - IEC 100
SK 93372.1 VF(AF) - IEC 100



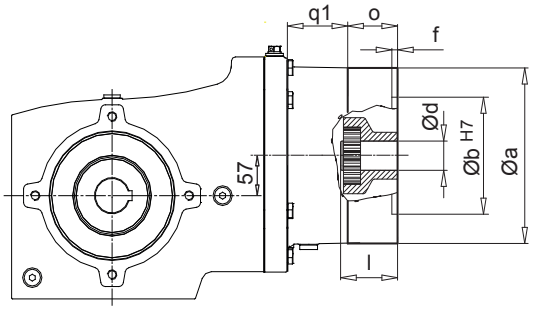


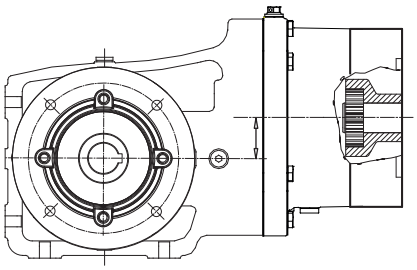


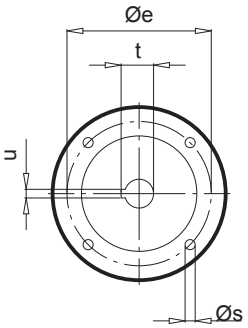
IEC	a	b	e	f	s	o	d	l	t	u
IEC 100	250	180	215	5	M12	82	28	60	31,3	8



SK 93672.1 V (A) - IEC 63...90
SK 93672.1 VF(AF) - IEC 63...90





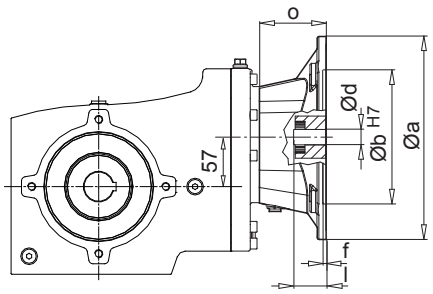


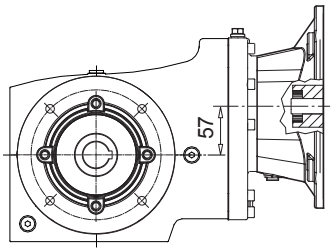
i_{ges}	q1
≥ 18,21	56
< 18,21	40

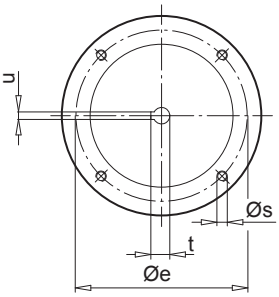
IEC	a	b	e	f	s	o	d	l	t	u
IEC 63 - C90 *	90	60	75	3	6	32,5	11	23	12,8	4
IEC 63 - C120	120	80	100	3,5	7	32,5				
IEC 63 - A140	140	95	115	3,5	9	32,5				
IEC 71 - C105 *	105	70	85	3	7	32,5	14	30	16,3	5
IEC 71 - C140	140	95	115	3,5	9	32,5				
IEC 71 - A160	160	110	130	4	9	32,5				
IEC 80 - C120 *	120	80	100	3,5	7	32,5	19	40	21,8	6
IEC 80 - C160	160	110	130	4	9	32,5				
IEC 80 - A200	200	130	165	4	M10x20	32,5				
IEC 90 - C140 *	140	95	115	3,5	9	45,5	24	50	27,3	8
IEC 90 - C160	160	110	130	4	9	45,5				
IEC 90 - A200	200	130	165	4	M10x20	45,5				

* IEC-Advantages row

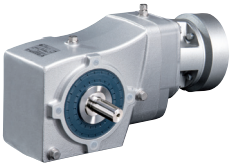
SK 93672.1 V (A) - IEC 100...132
SK 93672.1 VF(AF) - IEC 100...132



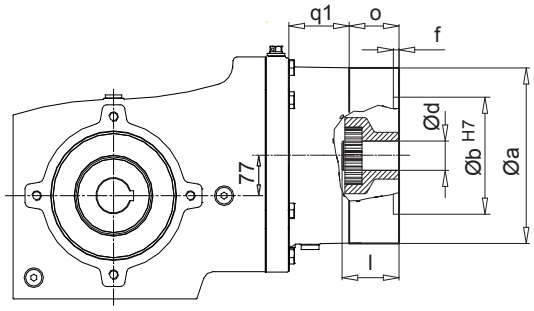


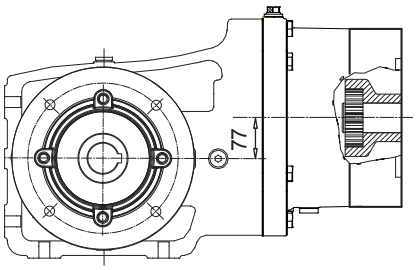


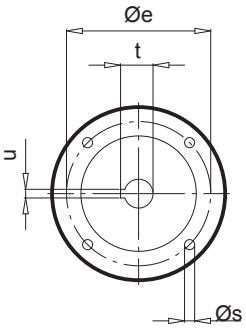
IEC	a	b	e	f	s	o	d	l	t	u
IEC 100	250	180	215	5	M12	82	28	60	31,3	8
IEC 112	250	180	215	5	M12	82	28	60	31,3	8
IEC 132	300	230	265	5	M12	111	38	80	41,3	10



SK 93772.1 V (A) - IEC 63...90
SK 93772.1 VF(AF) - IEC 63...90





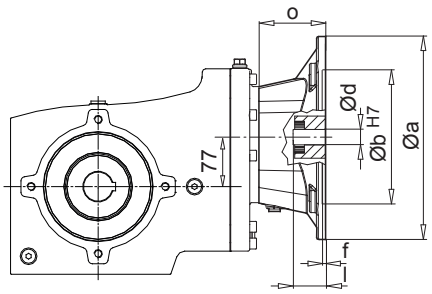


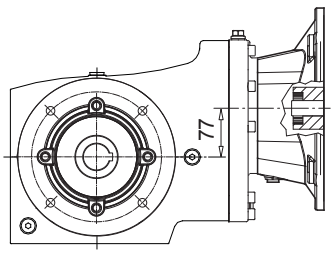
i_{ges}	q1
≥ 28,38	56
< 28,38	40

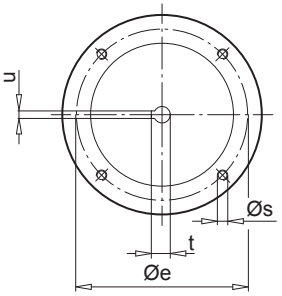
IEC	a	b	e	f	s	o	d	l	t	u
IEC 63 - C90 *	90	60	75	3	6	32,5	11	23	12,8	4
IEC 63 - C120	120	80	100	3,5	7	32,5				
IEC 63 - A140	140	95	115	3,5	9	32,5				
IEC 71 - C105 *	105	70	85	3	7	32,5	14	30	16,3	5
IEC 71 - C140	140	95	115	3,5	9	32,5				
IEC 71 - A160	160	110	130	4	9	32,5				
IEC 80 - C120 *	120	80	100	3,5	7	32,5	19	40	21,8	6
IEC 80 - C160	160	110	130	4	9	32,5				
IEC 80 - A200	200	130	165	4	M10x20	32,5				
IEC 90 - C140 *	140	95	115	3,5	9	45,5	24	50	27,3	8
IEC 90 - C160	160	110	130	4	9	45,5				
IEC 90 - A200	200	130	165	4	M10x20	45,5				

* IEC-Advantages row

SK 93772.1 V (A) - IEC 100...132
SK 93772.1 VF(AF) - IEC 100...132



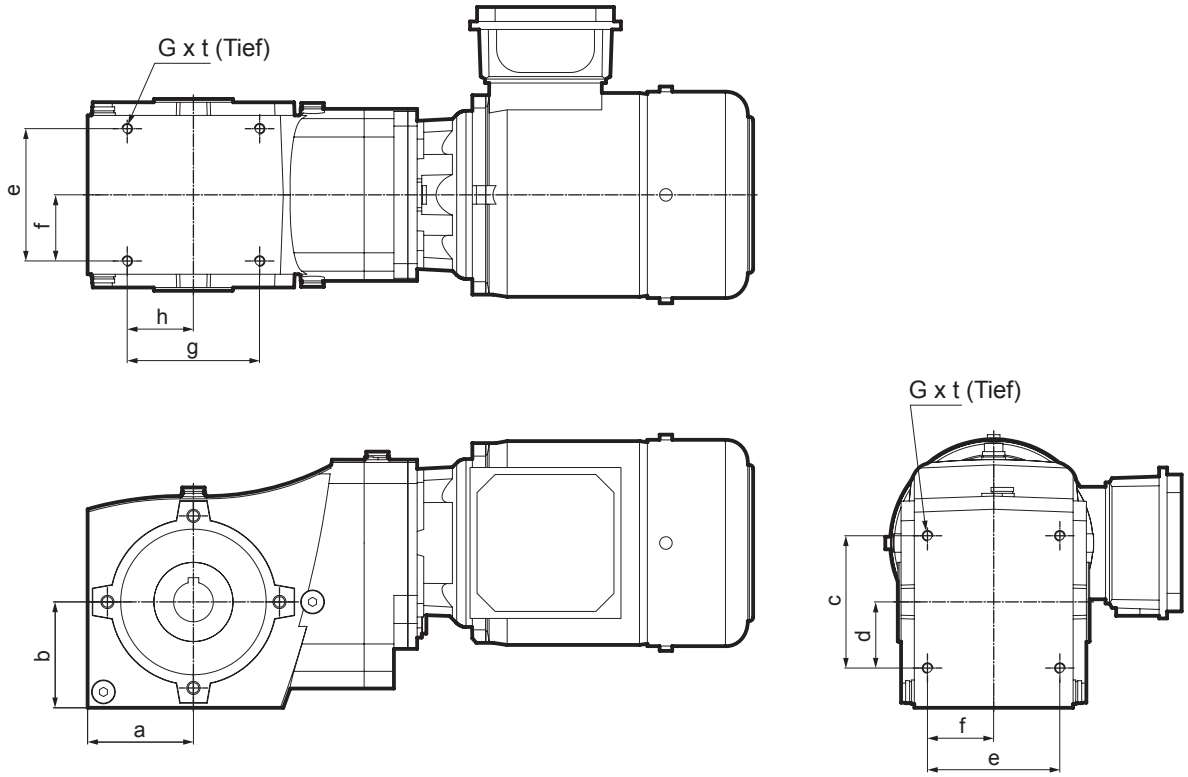




IEC	a	b	e	f	s	o	d	l	t	u
IEC 100	250	180	215	5	M12	82	28	60	31,3	8
IEC 112	250	180	215	5	M12	82	28	60	31,3	8
IEC 132	300	230	265	5	M12	111	38	80	41,3	10

Gearbox- foot mounting

SK 93072.1 - SK 93772.1



Type	a	b	c	d	e	f	g	h	t	G
	[mm]									
93072.1	56	56	70	35	90	45	70	35	8	M6
93172.1	63	63	80	40	90	45	80	40	11	M8
93372.1	80	80	100	50	100	50	100	50	11	M8
93672.1	100	100	120	63	120	60	120	60	15	M10
93772.1	112	112	140	70	140	70	140	70	15	M12

An overview of the NORD range

G1000 Fixed speeds
UNICASE housing 50 Hz, 60 Hz

- Helical geared motors
- Parallel geared motors
- Bevel geared motors
- Helical worm geared motors

G1012 NORDBLOC 50 Hz

- Helical geared motors

G1050 Industrial gear units

G1001 Explosion protected drive units

- Category 2G, Zone 1, Gas

G1022 Explosion protected drive units

- Category 3D, Zone 22, Dust

F3020 frequency inverter SK200E
F3050 frequency inverter SK500E
F3070 frequency inverter NORD SK700E

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