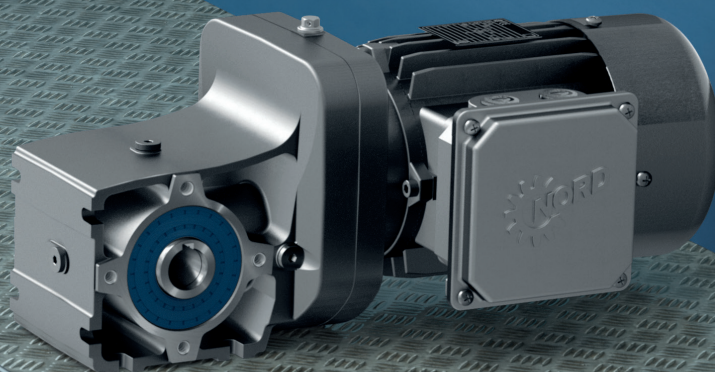


Intelligent Drivesystems, Worldwide Services



50 + 60 Hz
METRIC + IMPERIAL

(PL)

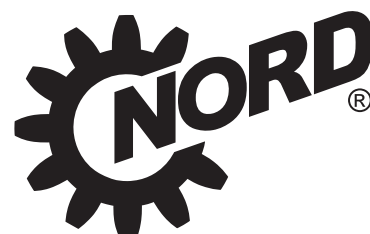
INFORMACJA O PRODUKCIE

Reduktory walcowo-stożkowe

NORDBLOC.1

IE3

TI60-0007



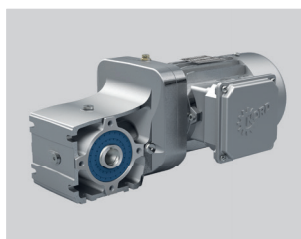
DRIVESYSTEMS

CZĘSTOTLIWOŚĆ ZASILANIA **50 HZ** + **METRIC** REPREZENTACJA

PARAMETRY MOTOREDUKTORÓW	2
WYMIARY SILNIKÓW, WYMIARY CYLINDRA IEC ORAZ WYMIARY CYLINDRA W ..	4
RYSUNKI WYMIAROWE	6

CZĘSTOTLIWOŚĆ ZASILANIA **60 HZ** + **IMPERIAL** REPREZENTACJA

PARAMETRY MOTOREDUKTORÓW	12
WYMIARY SILNIKÓW, WYMIARY CYLINDRA IEC ORAZ WYMIARY CYLINDRA W ..	14
RYSUNKI WYMIAROWE	16



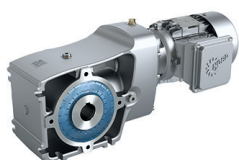


Główna siedziba i centrum technologiczne

- w pobliżu Hamburga

Produkty mechaniczne

Reduktory



Produkty elektryczne

Silniki



Produkty elektroniczne

Przetwornice częstotliwości, rozruszniki silników i rozdzielacze polowe



Innowacyjne rozwiązania napędowe

- dla ponad 100 gałęzi przemysłu



Produkcja reduktorów



Produkcja silników



Produkcja przetwornic

7 wiodących technologicznie zakładów produkcyjnych

- wytwarza reduktory, silniki, przetwornice itd. również dla kompletnych systemów napędowych



Powyższa karta służy jedynie do celów informacyjnych i w swoim zamierzeniu nie została opracowana do celów prawnych i nie może być w tych celach stosowana. Dlatego nie ponosimy odpowiedzialności za zgodność z prawem, prawidłowość i kompletność.

Oddziały i partnerzy dystrybucyjni w 98 krajach na 5 kontynentach

- oferują lokalne zaopatrzenie
- centra montażowe
- wsparcie techniczne
- i obsługę klientów

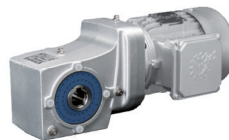
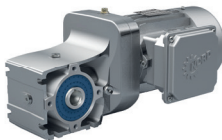


Ponad 4000 pracowników na całym świecie

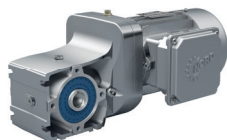
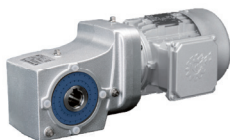
- tworzy rozwiązania dostosowane do wymagań klientów

50 Hz metric

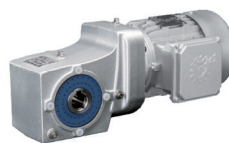
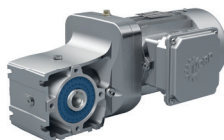
0,12 kW
0,18 kW
0,25 kW



P ₁ [kW]	n ₂ [min ⁻¹]	M ₂ [Nm]	f _B	i _{ges}	F _R [N]	F _A [N]	Type	kg
0,12	29	39,9	0,9	47,67	3000	5600	SK 920072.1 - 63 SP/4 SK 930072.1 - 63 SP/4 SK 920072.1 - 63 S/4 SK 930072.1 - 63 S/4	7,2
	33	34,8	1,1	41,56	3000	5600		
	37	30,7	1,2	36,67	3000	5600		
	43	26,4	1,4	31,57	3000	5600		
	50	23,0	1,7	27,52	3000	5600		
	56	20,3	2,2	24,29	3000	5600		
	67	17,2	2,6	20,53	3000	5600		
	74	15,5	3,2	18,52	3000	5600		
	86	13,4	3,7	16,00	3000	5600		
	101	11,3	4,4	13,53	3000	5600		
	111	10,3	4,8	12,33	3000	5600		
0,18	38	45,5	0,8	36,67	3000	5600	SK 920072.1 - 63 LP/4 SK 930072.1 - 63 LP/4 SK 920072.1 - 63 L/4 SK 930072.1 - 63 L/4	8,1
	44	39,2	1,0	31,57	3000	5600		
	50	34,2	1,2	27,52	3000	5600		
	57	30,1	1,5	24,29	3000	5600		
	67	25,5	1,8	20,53	3000	5600		
	75	23,0	2,2	18,52	3000	5600		
	87	19,9	2,5	16,00	3000	5600		
	102	16,8	3,0	13,53	3000	5600		
	112	15,3	3,3	12,33	3000	5600		
	133	12,9	3,9	10,43	3000	5600		
0,25	51	46,4	0,9	27,52	3000	5600	SK 920072.1 - 71 SP/4 SK 930072.1 - 71 SP/4 SK 920072.1 - 71 S/4 SK 930072.1 - 71 S/4	9,5
	58	41,0	1,1	24,29	3000	5600		
	69	34,6	1,3	20,53	3000	5600		
	76	31,2	1,6	18,52	3000	5600		
	88	27,0	1,9	16,00	3000	5600		
	105	22,8	2,2	13,53	3000	5600		
	115	20,8	2,4	12,33	3000	5600		
	136	17,6	2,8	10,43	3000	5600		
	158	15,1	3,3	8,97	3000	5600		
	187	12,8	3,9	7,58	3000	5600		
	212	11,2	4,4	6,67	3000	5600		
	221	10,8	4,6	6,40	3000	5600		
	251	9,5	4,7	5,64	3000	5600		
	274	8,7	4,3	5,17	3000	5600		



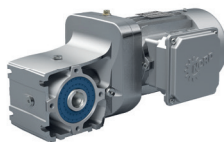
P ₁ [kW]	n ₂ [min ⁻¹]	M ₂ [Nm]	f _B	i _{ges}	F _R [N]	F _A [N]	Type	kg
0,37	76	46,6	1,1	18,52	3000	5600	SK 920072.1 - 71 LP/4 SK 930072.1 - 71 LP/4 SK 920072.1 - 71 L/4 SK 930072.1 - 71 L/4	10,6
	88	40,2	1,2	16,00	3000	5600		
	104	34,0	1,5	13,53	3000	5600		
	114	31,0	1,6	12,33	3000	5600		
	135	26,2	1,9	10,43	3000	5600		
	157	22,6	2,2	8,97	3000	5600		
	185	19,1	2,6	7,58	3000	5600		
	211	16,8	3,0	6,67	3000	5600		
	219	16,1	3,1	6,40	3000	5600		
	249	14,2	3,2	5,64	3000	5600		
	272	13,0	2,9	5,17	3000	5600		
	312	11,3	3,5	4,50	3000	5600		
	354	10,0	4,0	3,97	3000	5600		
	418	8,4	4,7	3,36	3000	5600		
0,55	89	59,2	0,8	16,00	3000	5600	SK 920072.1 - 80 SP/4 SK 930072.1 - 80 SP/4 SK 920072.1 - 80 S/4 SK 930072.1 - 80 S/4	13,1
	105	50,0	1,0	13,53	3000	5600		
	115	45,6	1,1	12,33	3000	5600		
	136	38,6	1,3	10,43	3000	5600		
	158	33,2	1,5	8,97	3000	5600		
	187	28,0	1,8	7,58	3000	5600		
	213	24,7	2,0	6,67	3000	5600		
	222	23,7	2,1	6,40	3000	5600		
	252	20,8	2,2	5,64	3000	5600		
	275	19,1	2,0	5,17	3000	5600		
	315	16,7	2,4	4,50	3000	5600		
	357	14,7	2,7	3,97	3000	5600		
	423	12,4	3,2	3,36	3000	5600		
	469	11,2	3,6	3,03	3000	5600		
0,75	115	62,4	0,8	12,33	3000	5600	SK 920072.1 - 80 LP/4 SK 930072.1 - 80 LP/4 SK 920072.1 - 80 L/4 SK 930072.1 - 80 L/4	13,6
	136	52,8	0,9	10,43	3000	5600		
	158	45,4	1,1	8,97	3000	5600		
	187	38,3	1,3	7,58	3000	5600		
	212	33,7	1,5	6,67	3000	5600		
	221	32,4	1,5	6,40	3000	5600		
	251	28,5	1,6	5,64	3000	5600		
	274	26,2	1,4	5,17	3000	5600		
	314	22,8	1,8	4,50	3000	5600		
	356	20,1	2,0	3,97	3000	5600		
	421	17,0	2,4	3,36	3000	5600		
	467	15,3	2,6	3,03	3000	5600		



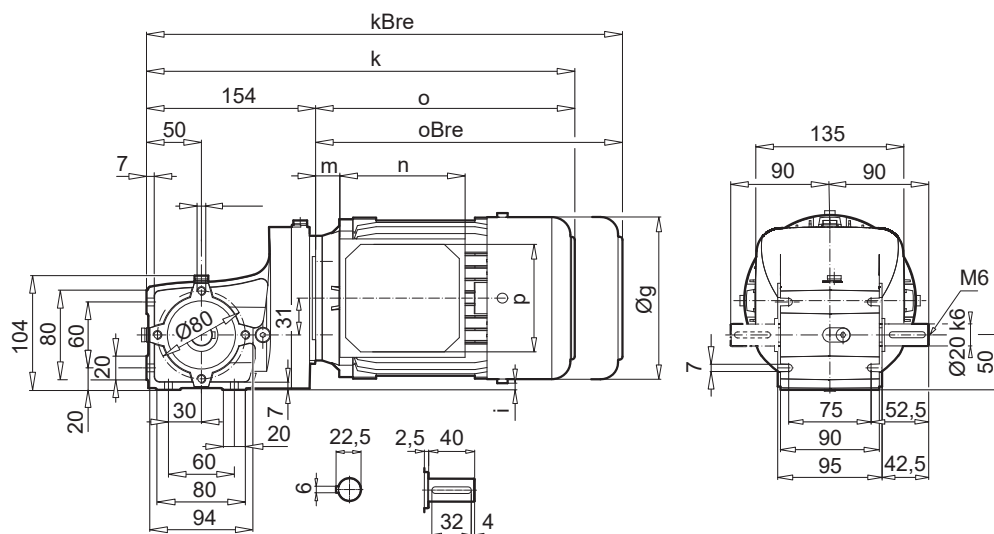
	i_{ges}	n_2 $n_1 = 1400 \text{ min}^{-1}$ [min^{-1}]	M_{2max} $f_B = 1$ [Nm]	W			IEC $f_B \Rightarrow 1-2$					
				P_{1max}		$f_B \geq 1$						
				$n_1 = 1400 \text{ min}^{-1}$	$n_1 = 930 \text{ min}^{-1}$	$n_1 = 700 \text{ min}^{-1}$	63	71	80			
SK 920072.1	47,67	29	37,5	0,12	0,077	0,058	*	*	*			
SK 930072.1	41,56	34	37,5	0,13	0,088	0,066	*	*	*			
	36,67	38	37,5	0,15	0,1	0,075	*	*	*			
	31,57	44	37,5	0,17	0,12	0,087	*	*	*			
	27,52	51	40	0,21	0,14	0,11		*	*			
W + IEC	24,29	58	45	0,27	0,18	0,14		*	*			
	20,53	68	45	0,32	0,21	0,16		*	*			
	18,52	76	50	0,4	0,26	0,2			*			
	16,00	88	50	0,46	0,3	0,23			*			
	13,53	103	50	0,54	0,36	0,27			*			
	12,33	114	50	0,59	0,39	0,3			*			
W + NEMA	10,43	134	50	0,7	0,47	0,35			*			
	8,97	156	50	0,75	0,54	0,41						
	7,58	185	50	0,75	0,64	0,48						
	6,67	210	50	0,75	0,73	0,55						
	6,40	219	50	0,75	0,75	0,57						
	5,64	248	45	0,75	0,75	0,59						
	5,17	271	37,5	0,75	0,71	0,53						
	4,50	311	40	0,75	0,75	0,65						
	3,97	352	40	0,75	0,75	0,74						
	3,36	417	40	0,75	0,75	0,75						
	3,03	463	40	0,75	0,75	0,75						

* Achtung, max. Antriebsleistung P_{1max} nach Spalte Typ W nicht überschreiten

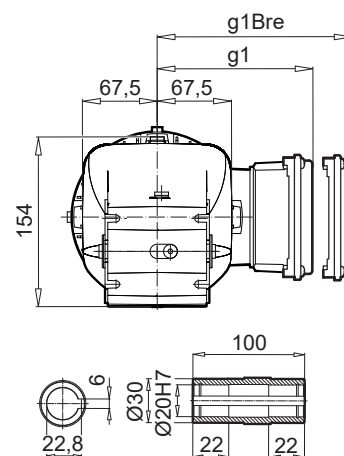
	W	IEC 63	IEC 71	IEC 80
SK 920072.1 SK 930072.1	1,5	1	1	1



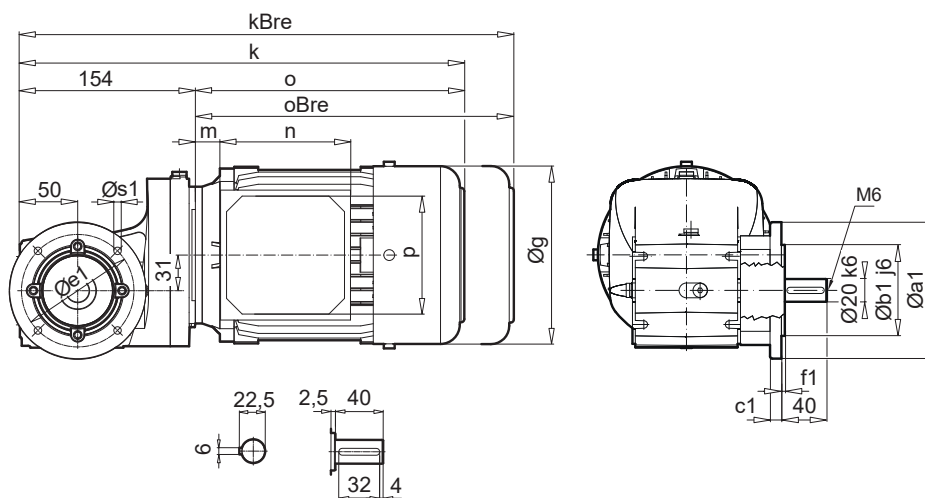
SK 920072.1 V



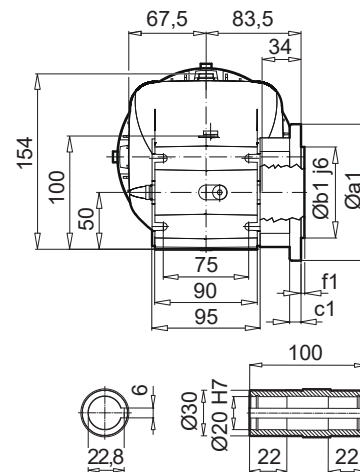
SK 920072.1 A



SK 920072.1VF



SK 920072.1 AF

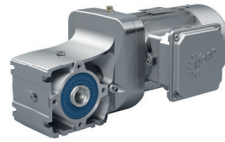


a1	b1	c1	e1	f1	s1
120	80	10	100	3,0	7
140	95	10	115	3,0	9

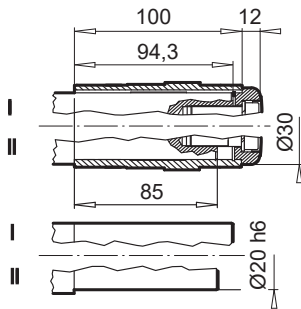
IE3	63 SP/LP	71 S/L	80 SP/LP	90 SP			
g	130	145	165	184			
g1 / g1Bre	115 / 123	124 / 132	142 / 142	147 / 147			
k / kBre	346 / 402	368 / 426	390 / 454	430 / 505			
o / oBre	192 / 248	214 / 272	236 / 300	276 / 351			
m / mBre	12 / 18	20 / 26	22 / 26	26 / 29			
n / nBre	100 / 134	100 / 134	114 / 153	114 / 153			
p / pBre	100 / 89	100 / 89	114 / 108	114 / 108			
i	16	8,5	-2	-6			

W ⇒ 10

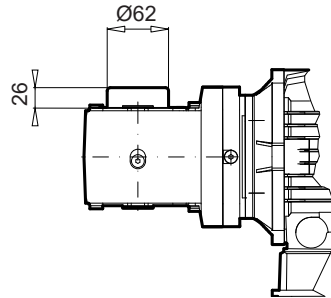
IEC ⇒ 11



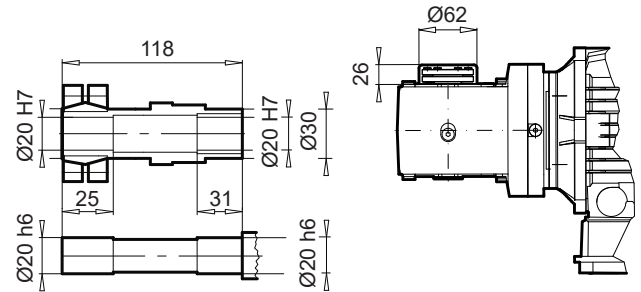
SK 920072.1 A (AF)**B**



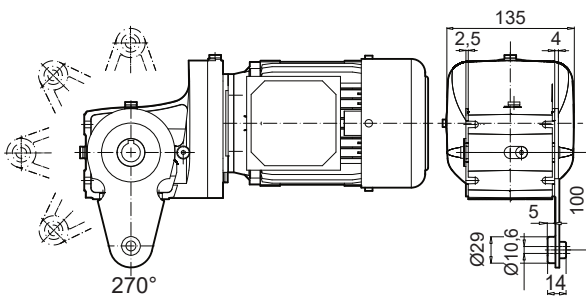
SK 920072.1 A (AF)**BH**

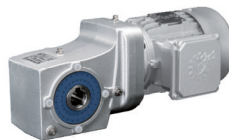


SK 920072.1 A (AF)**SH**

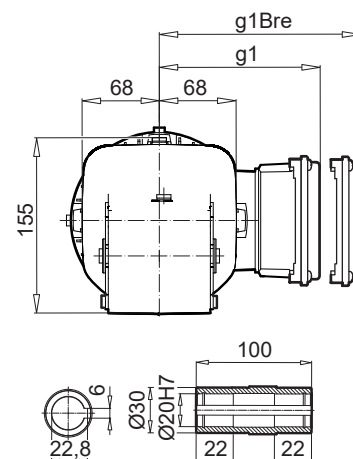
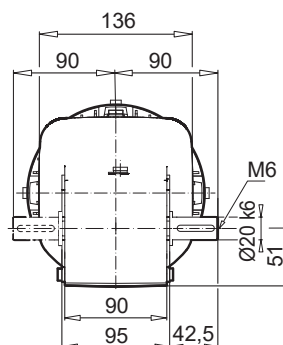
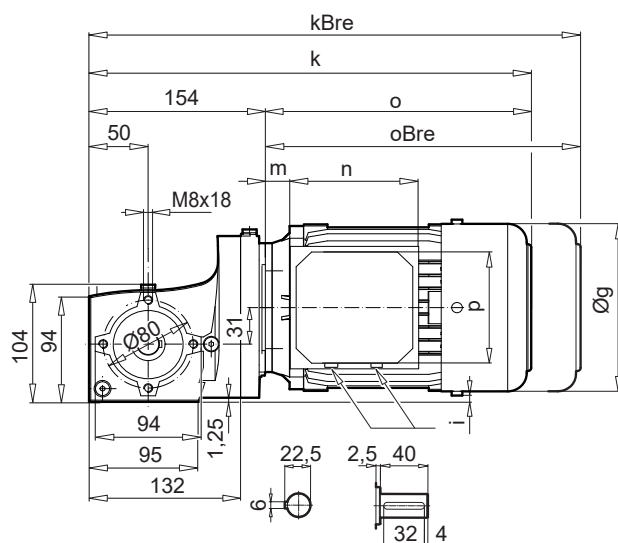


SK 920072.1 A(V)**D**

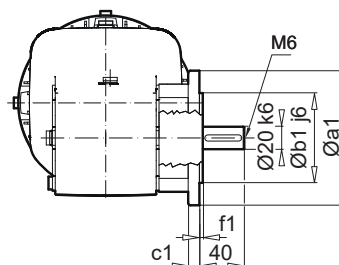
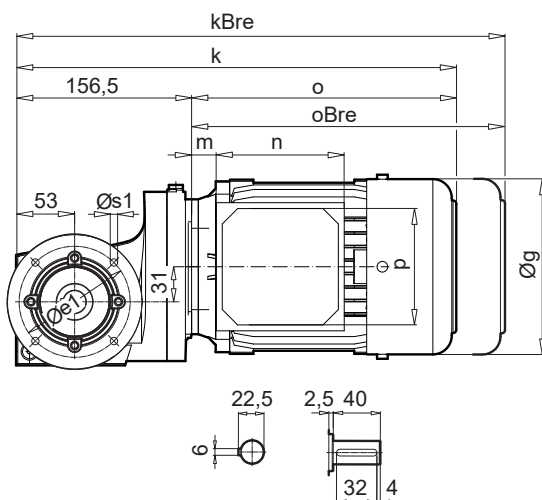




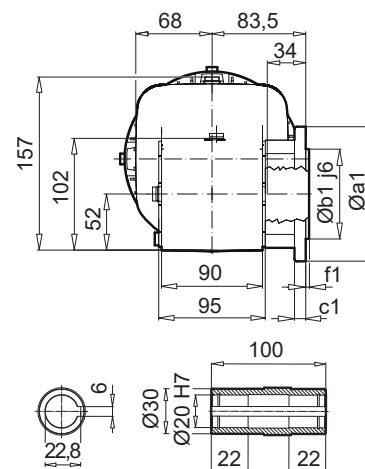
SK 930072.1 V



SK 930072.1VF



SK 930072.1 AF

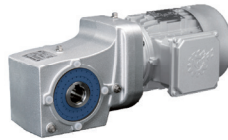


a1	b1	c1	e1	f1	s1
120	80	10	100	3,0	7
140	95	10	115	3,0	9

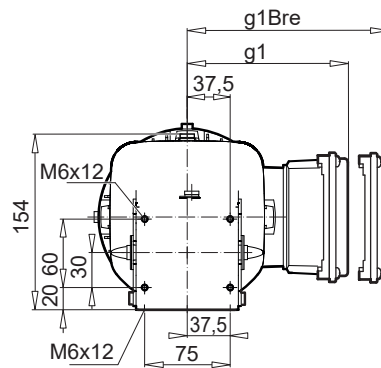
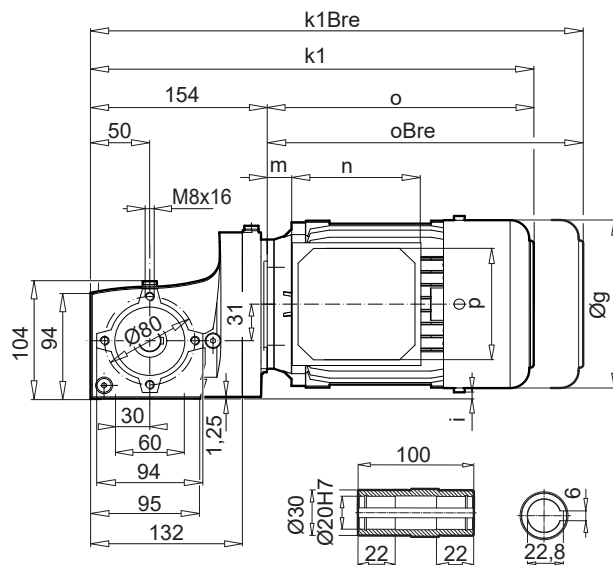
IE3	63 SP/LP	71 SP/LP	80 SP/LP	90 SP			
g	130	145	165	184			
g1 / g1Bre	115 / 123	124 / 132	142 / 142	148 / 148			
k / kBre	349 / 405	371 / 429	393 / 457	433 / 508			
o / oBre	192 / 248	214 / 272	236 / 300	276 / 351			
m / mBre	12 / 18	20 / 26	22 / 26	26 / 29			
n / nBre	100 / 134	100 / 134	114 / 153	114 / 153			
p / pBre	100 / 89	100 / 89	114 / 108	114 / 108			
i	18,5	11	1,5	- 6			

W ⇒ 10

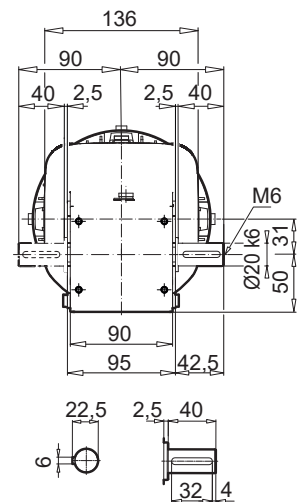
IEC ⇒ 11



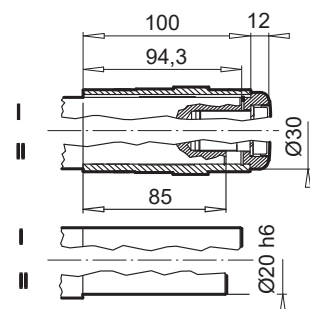
SK 930072.1 AX



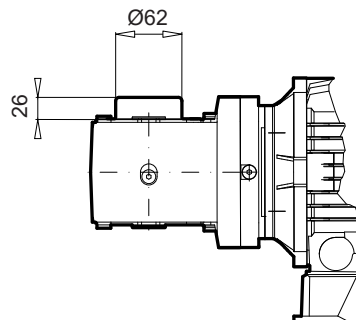
SK 930072.1 VX



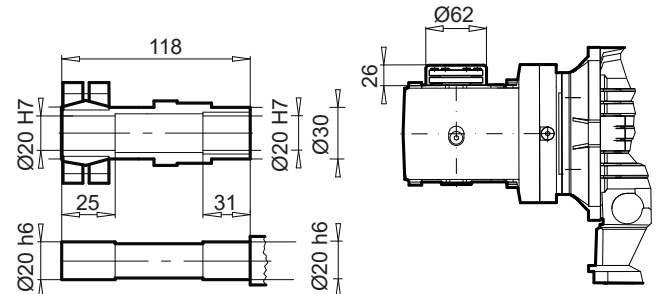
SK 930072.1 A (AF, AX)



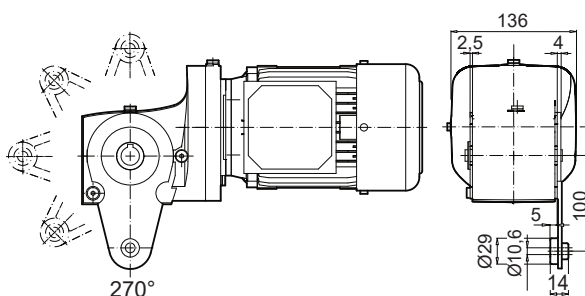
SK 930072.1 A (AF, AX)BH



SK 930072.1 A (AF, AX)SH



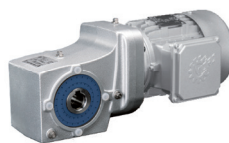
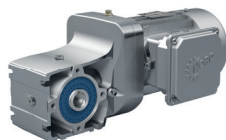
SK 930072.1 A(V)D



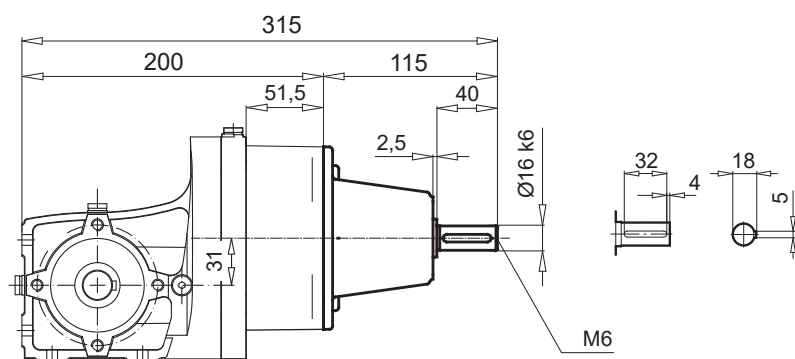
IE3	63 SP/LP	71 SP/LP	80 SP/LP	90 SP			
g	130	145	165	184			
g1 / g1Bre	115 / 123	124 / 132	142 / 142	148 / 148			
k1 / k1Bre	346 / 402	368 / 426	390 / 454	430 / 505			
o / oBre	192 / 248	214 / 272	236 / 300	276 / 351			
m / mBre	12 / 18	20 / 26	22 / 26	26 / 29			
n / nBre	100 / 134	100 / 134	114 / 153	114 / 153			
p / pBre	100 / 89	100 / 89	114 / 108	114 / 108			
i	16,0	8,8	- 0,6	- 10,7			

W ⇒ 10

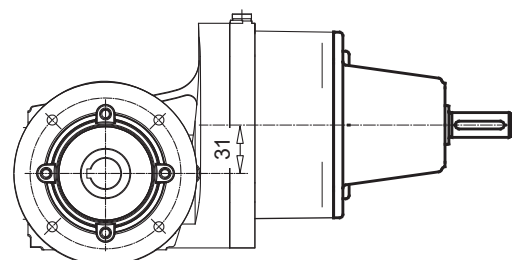
IEC ⇒ 11



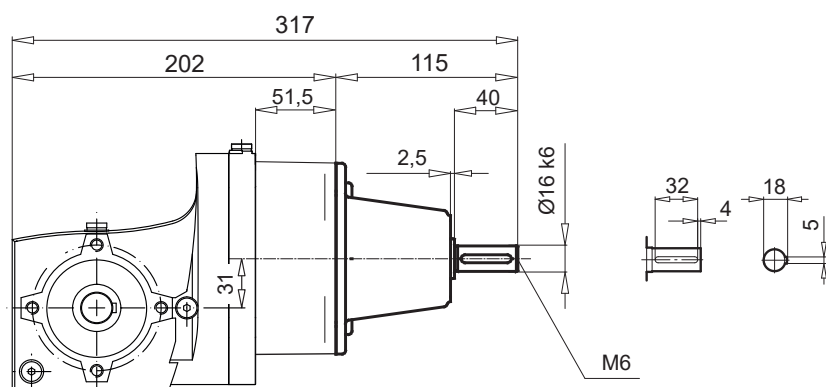
SK 920072.1 V (A) - W



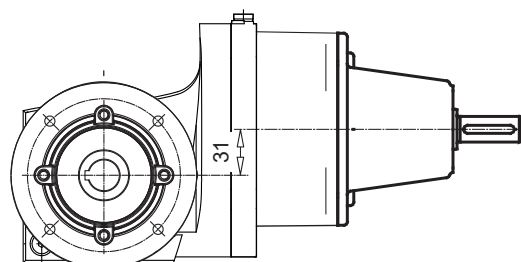
SK 920072.1 VF (AF) - W



SK 930072.1 V (A) - W

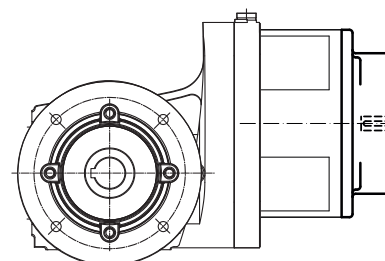
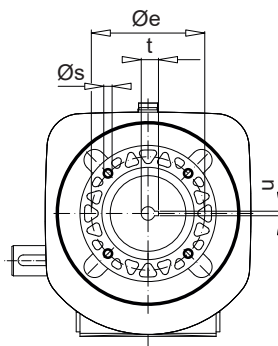
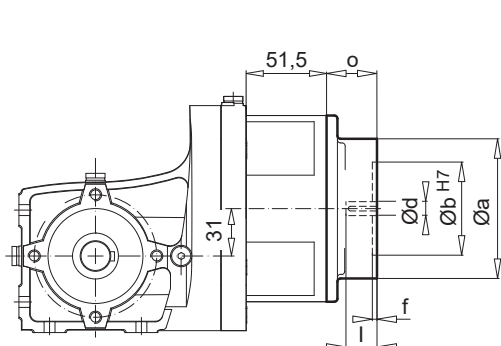


SK 930072.1 VF (AF) - W



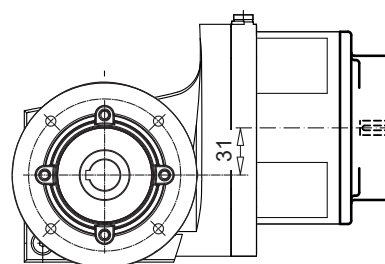
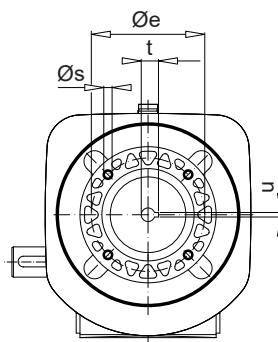
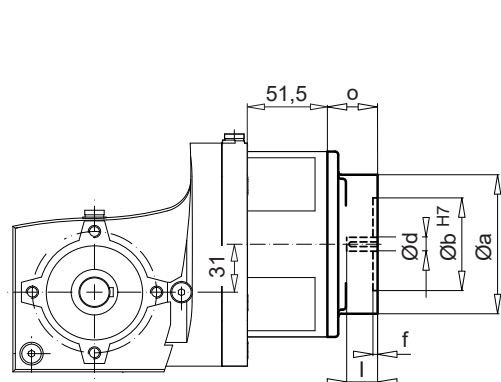
SK 920072.1 V (A) - IEC 56 ... 80

SK 920072.1 VF (AF) - IEC 56 ... 80



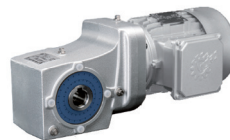
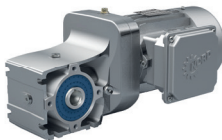
SK 930072.1 V (A) - IEC 56 ... 80

SK 930072.1 VF (AF) - IEC 56 ... 80

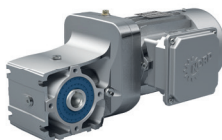
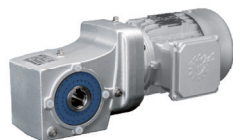


IEC	a	b	e	f	s	o	d	l	t	u
IEC 56 - C105	105	70	85	3	7	33	9	20	11,4	3
IEC 56 - A120	90	60	75	3	6	33				
IEC 63 - C90 *	90	60	75	3	6	33	11	23	12,8	4
IEC 63 - C120	120	80	100	3,5	7	33				
IEC 63 - A140	140	95	115	3,5	9	33				
IEC 71 - C105 *	105	70	85	3	7	33	14	30	16,3	5
IEC 71 - C140	140	95	115	3,5	9	33				
IEC 71 - A160	160	110	130	4	9	33				
IEC 80 - C120 *	120	80	100	3,5	7	33	19	40	21,8	6
IEC 80 - C160	160	110	130	4	9	33				
IEC 80 - A200	200	130	165	4	M10x20	32				

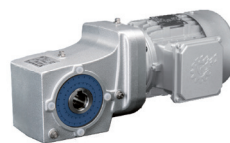
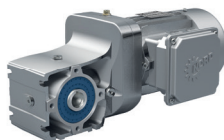
* IEC-korzystne serii



P ₁ [hp]	n ₂ [rpm]	M ₂ [lb-in]	f _B	i _{ges}	F _R	F _A [lb]	Type	lb
0.16	36	284	1.2	47.67	670	1260	SK 920072.1 - 63 SP/4 SK 930072.1 - 63 SP/4 SK 920072.1 - 63 S/4 SK 930072.1 - 63 S/4	15.9
	41	247	1.3	41.56	670	1260		
	46	218	1.5	36.67	670	1260		
	54	188	1.8	31.57	670	1260		
	62	164	2.2	27.52	670	1260		
	70	144	2.8	24.29	670	1260		
	83	122	3.3	20.53	670	1260		
	92	110	4.0	18.52	670	1260		
	106	95.2	4.6	16.00	670	1260		
0.25	36	440	0.8	47.67	670	1260	SK 920072.1 - 63 LP/4 SK 930072.1 - 63 LP/4 SK 920072.1 - 63 L/4 SK 930072.1 - 63 L/4	17.9
	41	384	0.9	41.56	670	1260		
	47	339	1	36.67	670	1260		
	54	292	1.1	31.57	670	1260		
	62	254	1.4	27.52	670	1260		
	70	224	1.8	24.29	670	1260		
	83	190	2.1	20.53	670	1260		
	92	171	2.6	18.52	670	1260		
	107	148	3.0	16.00	670	1260		
	126	125	3.5	13.53	670	1260		
	138	114	3.9	12.33	670	1260		
	164	96.4	4.6	10.43	670	1260		
0.33	55	381	0.9	31.57	670	1260	SK 920072.1 - 71 SP/4 SK 930072.1 - 71 SP/4 SK 920072.1 - 71 S/4 SK 930072.1 - 71 S/4	20.9
	63	332	1.1	27.52	670	1260		
	71	293	1.4	24.29	670	1260		
	84	248	1.6	20.53	670	1260		
	93	223	2.0	18.52	670	1260		
	108	193	2.3	16.00	670	1260		
	128	163	2.7	13.53	670	1260		
	140	149	3.0	12.33	670	1260		
	165	126	3.5	10.43	670	1260		
	192	108	4.1	8.97	670	1260		
	228	91.3	4.8	7.58	670	1260		



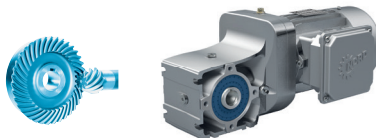
P ₁ [hp]	n ₂ [rpm]	M ₂ [lb-in]	f _B	i _{ges}	F _R	F _A [lb]	Type	
0.50	93	338	1.3	18.52	670	1260	SK 920072.1 - 71 LP/4 SK 930072.1 - 71 LP/4	23.4
	108	292	1.5	16.00	670	1260		
	128	247	1.8	13.53	670	1260	SK 920072.1 - 71 L/4 SK 930072.1 - 71 L/4	
	140	225	2.0	12.33	670	1260		
	165	190	2.3	10.43	670	1260		
	192	164	2.7	8.97	670	1260		
	228	138	3.2	7.58	670	1260		
	259	122	3.6	6.67	670	1260		
	269	117	3.8	6.40	670	1260		
	306	103	3.9	5.64	670	1260		
	334	94.4	3.5	5.17	670	1260		
	383	82.3	4.3	4.50	670	1260		
434	72.6	4.9	3.97	670	1260			
0.75	108	436	1.0	16.00	670	1260	SK 920072.1 - 80 SP/4 SK 930072.1 - 80 SP/4	28.9
	128	369	1.2	13.53	670	1260		
	141	336	1.3	12.33	670	1260	SK 920072.1 - 80 S/4 SK 930072.1 - 80 S/4	
	166	284	1.6	10.43	670	1260		
	193	245	1.8	8.97	670	1260		
	229	206	2.1	7.58	670	1260		
	260	182	2.4	6.67	670	1260		
	271	174	2.5	6.40	670	1260		
	308	154	2.6	5.64	670	1260		
	336	141	2.4	5.17	670	1260		
	385	123	2.9	4.50	670	1260		
	437	108	3.3	3.97	670	1260		
	516	91.5	3.9	3.36	670	1260		
573	82.5	4.3	3.03	670	1250			
1.00	108	583	0.8	16.00	670	1260	SK 920072.1 - 80 LP/4 SK 930072.1 - 80 LP/4	30.0
	128	493	0.9	13.53	670	1260		
	140	449	1.0	12.33	670	1260	SK 920072.1 - 80 L/4 SK 930072.1 - 80 L/4	
	166	380	1.2	10.43	670	1260		
	193	327	1.4	8.97	670	1260		
	228	276	1.6	7.58	670	1260		
	260	243	1.8	6.67	670	1260		
	270	233	1.9	6.40	670	1260		
	307	205	1.9	5.64	670	1260		
	335	188	1.8	5.17	670	1260		
	384	164	2.2	4.50	670	1260		
	435	145	2.4	3.97	670	1260		
	515	122	2.9	3.36	670	1260		
	572	110	3.2	3.03	670	1230		



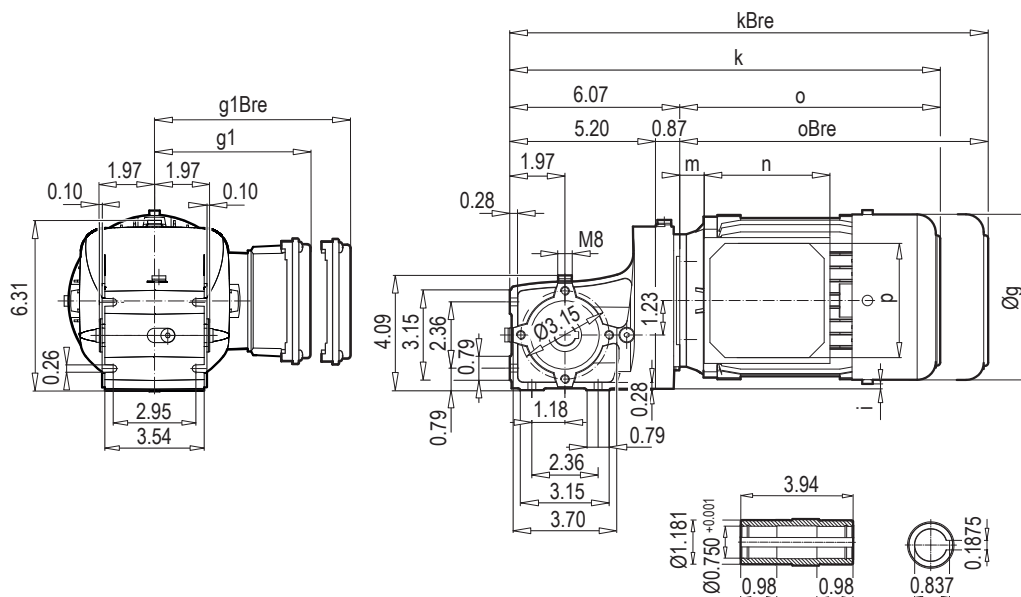
	i_{ges}	M_{2max} $f_B = 1$	W		W		W		NEMA			
			n_2	P_{1max} $f_B \geq 1$	n_2	P_{1max} $f_B \geq 1$	n_2	P_{1max} $f_B \geq 1$	$f_B \Rightarrow$ 11-12			
			$n_1 = 1750 \text{ rpm}$		$n_1 = 1150 \text{ rpm}$		$n_1 = 875 \text{ rpm}$		NEMA			
		[lb-in]	[rpm]	[hp]	[rpm]	[hp]	[rpm]	[hp]	N56C	N140TC		
SK 920072.1	47.67	332	37	0.19	24	0.13	18	0.10	*	*		
SK 930072.1	41.56	332	42	0.22	28	0.15	21	0.11	*	*		
	36.67	332	48	0.24	31	0.16	24	0.12	*	*		
	31.57	332	55	0.29	36	0.19	28	0.15	*	*		
W + NEMA	27.52	354	64	0.36	42	0.23	32	0.18	*	*		
	24.29	398	72	0.46	47	0.30	36	0.23	*	*		
$\Rightarrow$ 18-19	20.53	398	85	0.51	56	0.33	43	0.25	*	*		
	18.52	443	95	0.66	62	0.44	47	0.33	*	*		
	16.00	443	109	0.77	72	0.50	55	0.38	*	*		
	13.53	443	129	0.91	85	0.60	65	0.45	*	*		
	12.33	443	142	1.00	93	0.65	71	0.50		*		
W + IEC	10.43	443	168	1.00	110	0.77	84	0.59		*		
	8.97	443	195	1.00	128	0.82	98	0.63		*		
$\Rightarrow$ 8-9	7.58	443	231	1.00	152	0.82	116	0.63		*		
	6.67	443	263	1.00	173	0.82	131	0.63		*		
	6.40	443	273	1.00	180	0.82	137	0.63		*		
	5.64	398	310	1.00	204	0.82	155	0.63		*		
	5.17	332	339	1.00	223	0.82	169	0.63		*		
	4.50	354	389	1.00	255	0.82	194	0.63		*		
	3.97	354	440	1.00	289	0.82	220	0.63		*		
	3.36	354	521	1.00	342	0.82	260	0.63		*		
	3.03	354	578	1.00	380	0.82	289	0.63		*		

* Uwaga! Nie przekraczać maks. mocy wejściowej P1max, jak dla kolumny typu W

	W	NEMA N56C	NEMA 140TC
SK 920072.1 SK 930072.1	3.31	2.21	2.21

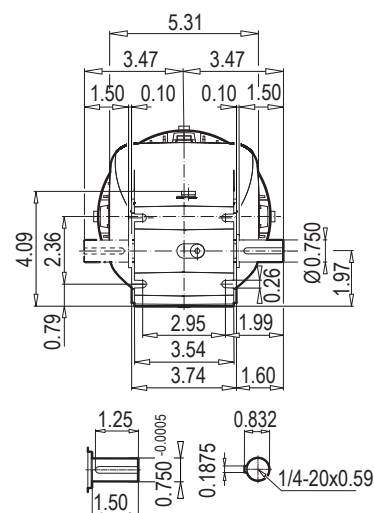


SK 920072.1 A



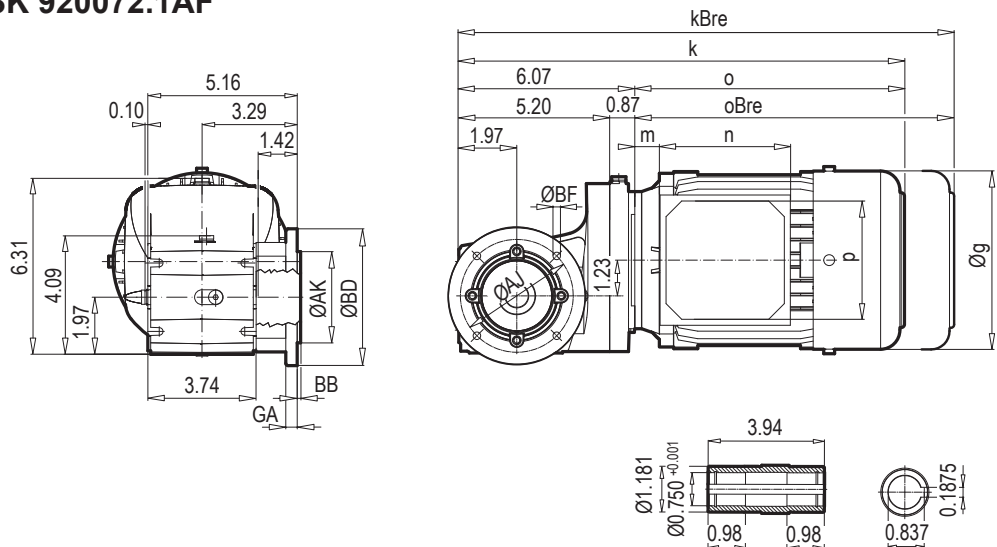
Ø0.750" BORE KEY: 2x 3/16x3/16x1.0" B

SK 920072.1 V



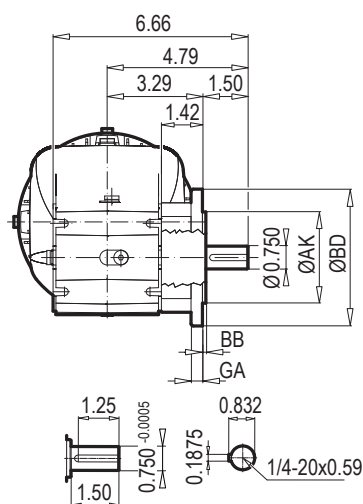
KEY: 3/16x3/16x1.25" B

SK 920072.1AF



Ø0.750" BORE KEY: 2x 3/16x3/16x1.0" B

SK 920072.1 VF



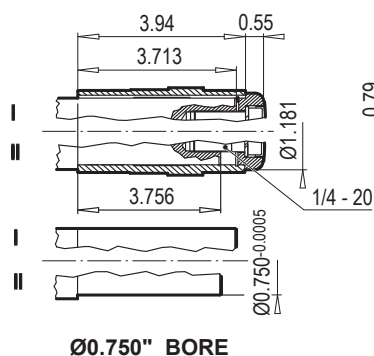
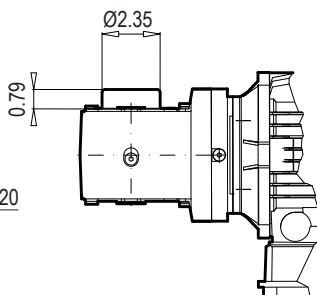
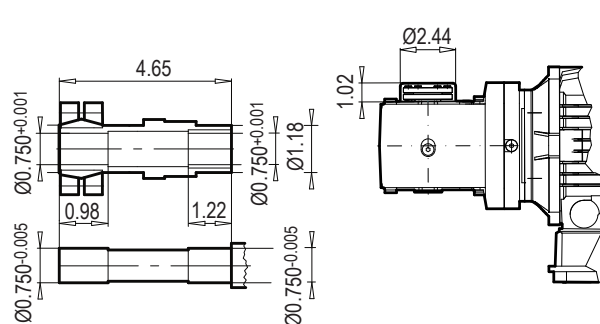
KEY: 3/16x3/16x1.25" B

BD (mm)	AK +/-	GA	AJ	BB	BF
4.72 (120)	3.150 +0.0005/-0.00004	0.39	3.937	0.12	4 x 0.28
5.51 (140)	3.740 +0.0005/-0.00004	0.39	4.528	0.12	4 x 0.35

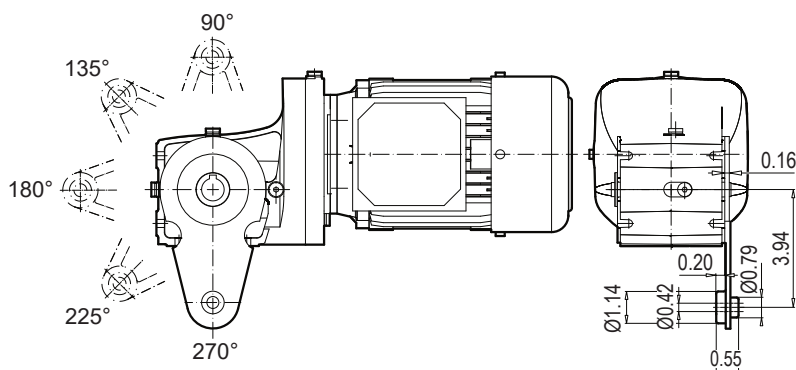
IE3	63 SP/LP	71 SP/LP	80 SP/LP	90 SP			
g	5.09	5.72	6.43	7.19			
g1 / g1Bre	4.51 / 4.84	4.88 / 5.24	5.59 / 5.59	5.79 / 5.79			
k / kBre	13.62 / 15.83	14.50 / 16.78	15.48 / 17.87	16.93 / 19.88			
o / oBre	7.56 / 9.76	8.43 / 10.71	9.29 / 11.81	10.87 / 13.82			
m / mBre	0.47 / 0.71	0.79 / 1.02	0.87 / 1.00	1.03 / 1.14			
n / nBre	3.94 / 5.28	3.94 / 5.28	4.49 / 6.03	4.49 / 6.03			
p / pBre	3.94 / 3.51	3.94 / 3.51	4.49 / 4.25	114 / 4.25			
i	0.63	0.34	-0.08	-0.24			

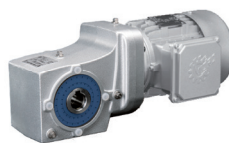
W ⇨ 20

IEC ⇨ 21

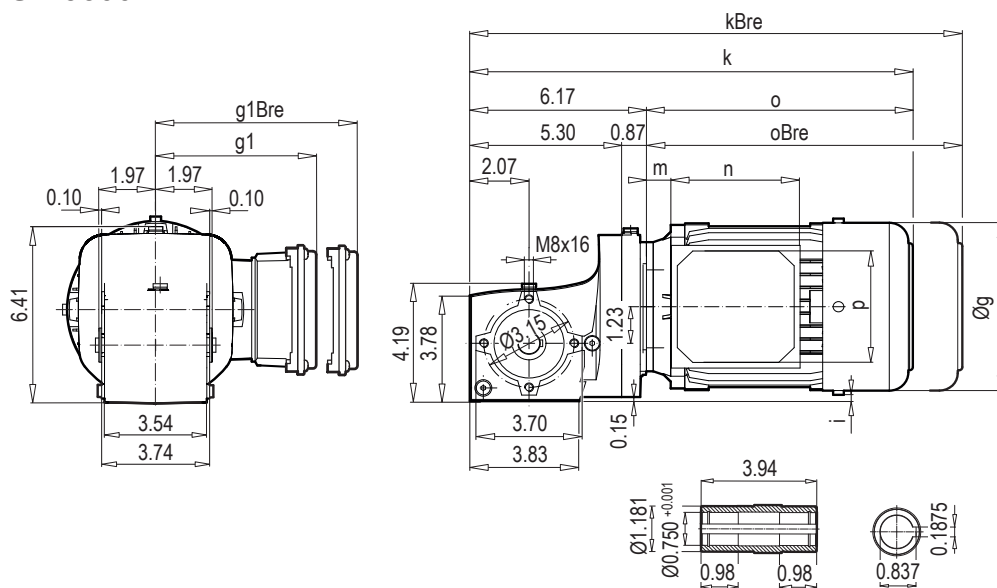
SK 920072.1 A (AF)**B**SK 920072.1 A (AF)**BH**SK 920072.1 A (AF)**SH**

SK 920072.1 AD



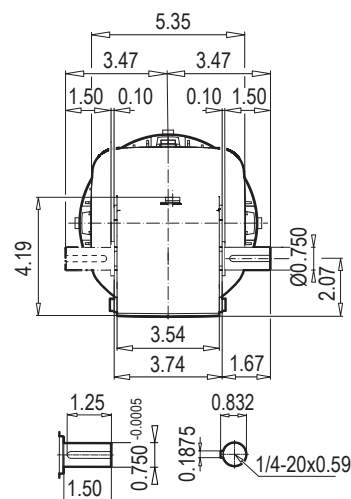


SK 930072.1 A



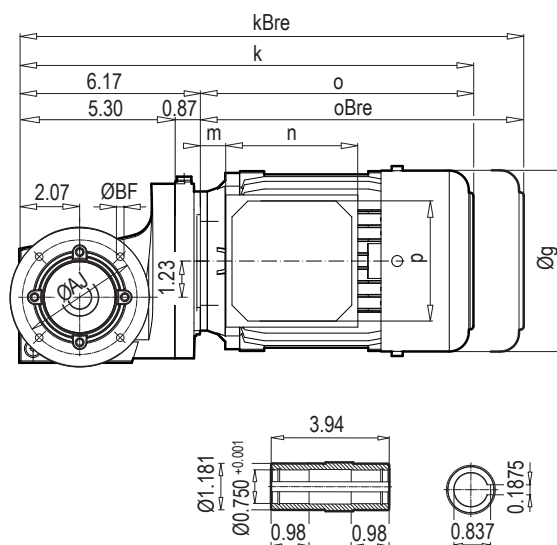
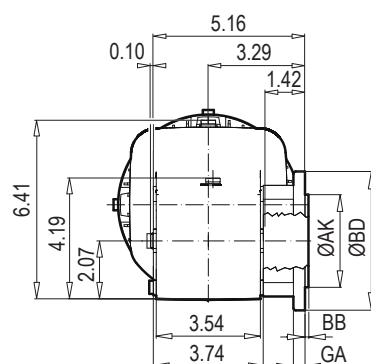
Ø0.750" BORE KEY: 2x 3/16x3/16x1.0" B

SK 930072.1 V



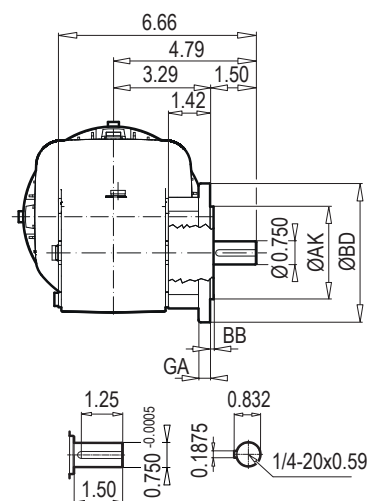
KEY: 3/16x3/16x1.25" B

SK 930072.1AF



Ø0.750" BORE KEY: 2x 3/16x3/16x1.0" B

SK 930072.1 VF



KEY: 3/16x3/16x1.25" B

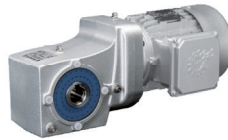
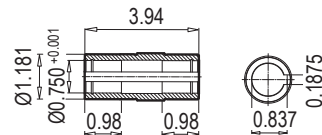
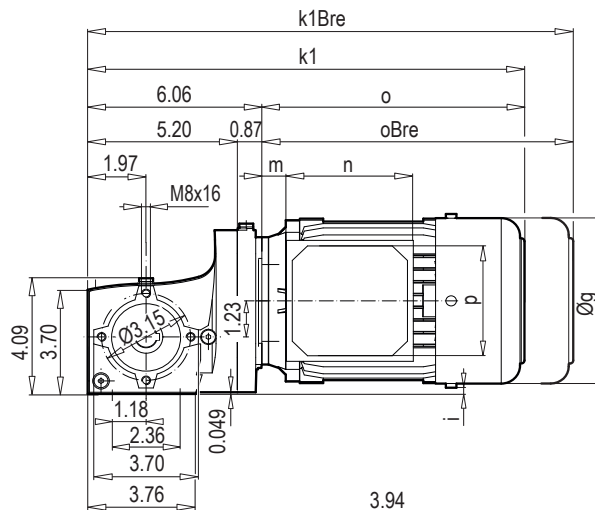
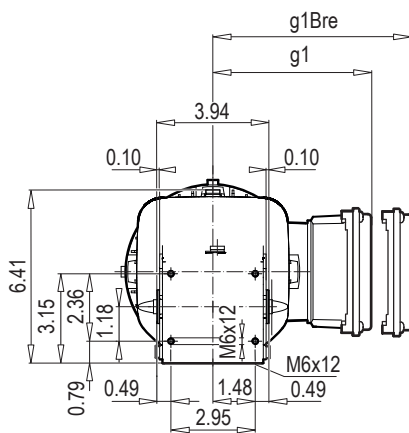
BD (mm)	AK +/-	GA	AJ	BB	BF
4.72 (120)	3.150 +0.0005/-0.00004	0.39	3.937	0.12	4 x 0.28
5.51 (140)	3.740 +0.0005/-0.00004	0.39	4.528	0.12	4 x 0.35

IE3	63 SP/LP	71 SP/LP	80 SP/LP	90 SP			
g	5.09	5.72	6.43	7.19			
g1 / g1Bre	4.51 / 4.84	4.88 / 5.24	5.59 / 5.59	5.79 / 5.79			
k / kBre	13.72 / 15.95	14.61 / 16.89	15.48 / 17.99	17.05 / 20.00			
o / oBre	7.56 / 9.76	8.43 / 10.71	9.29 / 11.81	10.87 / 13.82			
m / mBre	0.47 / 0.71	0.79 / 1.02	0.87 / 1.00	1.03 / 1.14			
n / nBre	3.94 / 5.28	3.94 / 5.28	4.49 / 6.03	4.49 / 6.03			
p / pBre	3.94 / 3.51	3.94 / 3.51	4.49 / 4.25	114 / 4.25			
i	0.73	0.43	- 0.06	- 0.24			

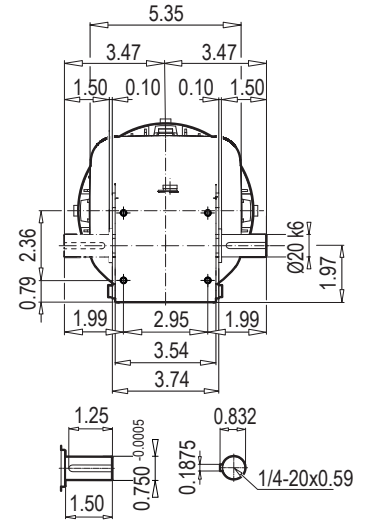


W $\Rightarrow$ 20

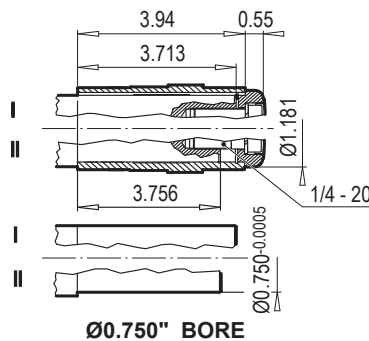
IEC 21


SK 930072.1 AX


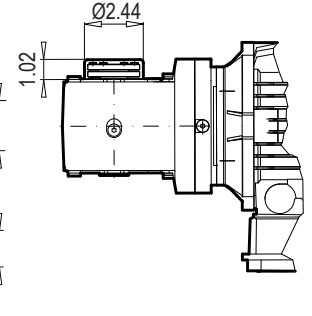
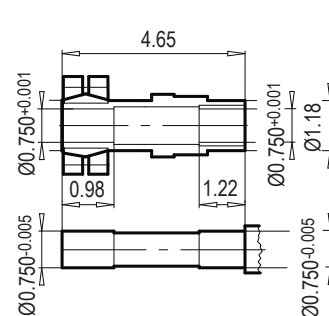
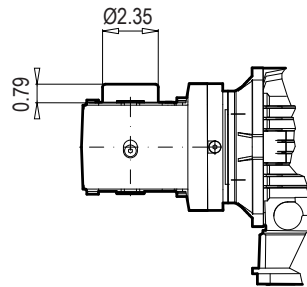
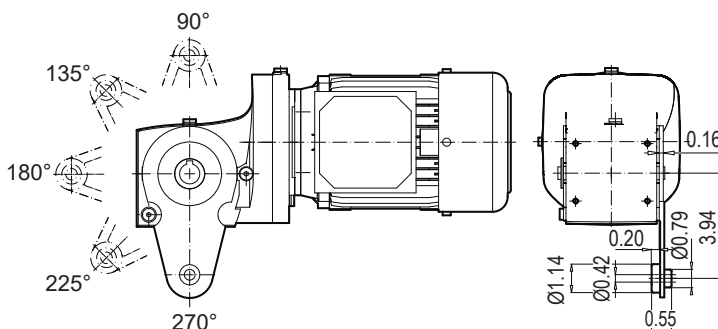
Ø0.750" BORE KEY: 2x 3/16x3/16x1.0" B

SK 930072.1 VX


KEY: 3/16x3/16x1.25" B

SK 930072.1 A (AF, AX)B
SK 930072.1 A (AF, AX)BH
SK 930072.1 A (AF, AX)SH


Ø0.750" BORE


SK 930072.1 A(AV, AX)D


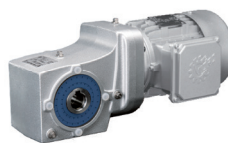
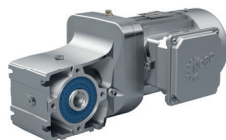
IE3	63 SP/LP	71 SP/LP	80 SP/LP	90 SP			
g	5.09	5.72	6.43	7.19			
g1 / g1Bre	4.51 / 4.84	4.88 / 5.24	5.59 / 5.59	5.79 / 5.79			
k1 / k1Bre	13.62 / 15.83	14.50 / 16.78	15.48 / 17.87	16.93 / 19.88			
o / oBre	7.56 / 9.76	8.43 / 10.71	9.29 / 11.81	10.87 / 13.82			
m / mBre	0.47 / 0.71	0.79 / 1.02	0.87 / 1.00	1.03 / 1.14			
n / nBre	3.94 / 5.28	3.94 / 5.28	4.49 / 6.03	4.49 / 6.03			
p / pBre	3.94 / 3.51	3.94 / 3.51	4.49 / 4.25	114 / 4.25			
i	0.63	0.34	- 0.04	- 0.42			



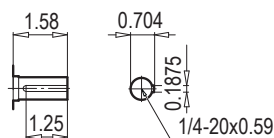
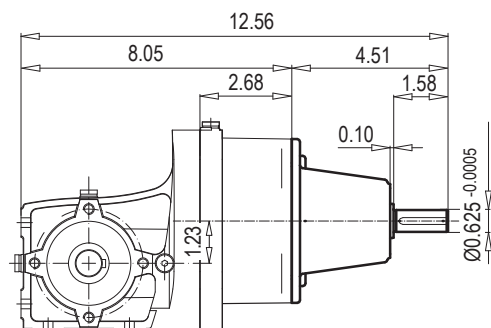
W ⇒ 20



IEC ⇒ 21

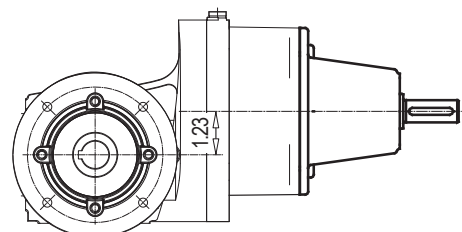


SK 920072.1 V (A) - W

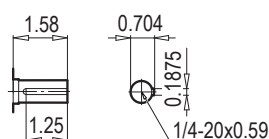
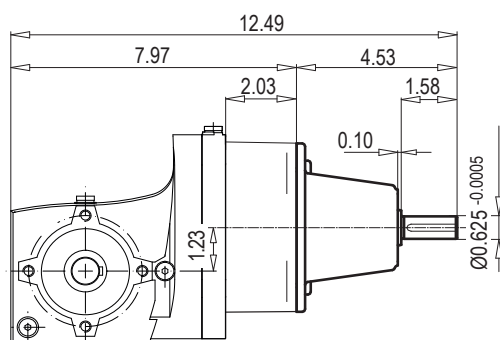


KEY: 3/16x3/16x1-1/4" B

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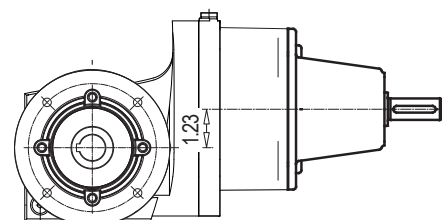


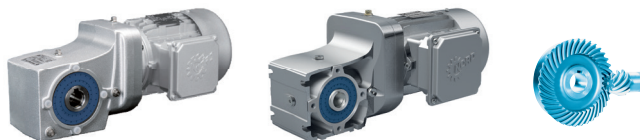
SK 930072.1 V (A) - W



KEY: 3/16x3/16x1-1/4" B

SK 930072.1 VF (AF) - W

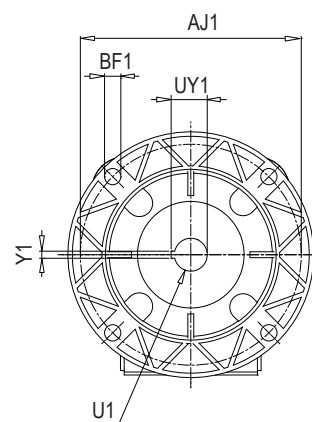
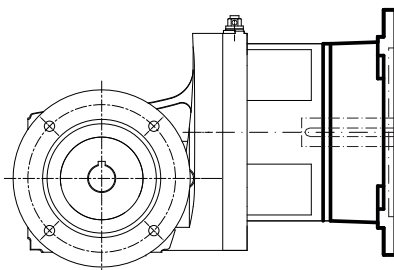
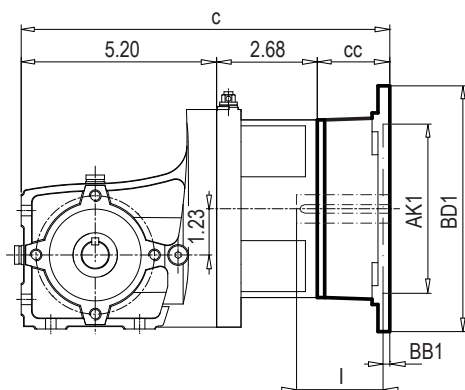




SK 920072.1 V (A)

SK 920072.1 VF (AF)

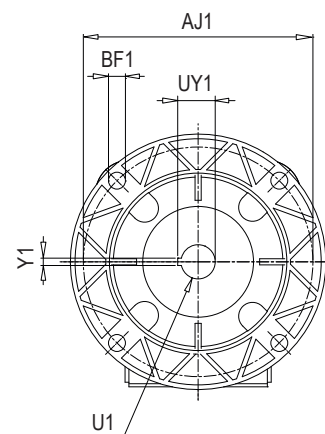
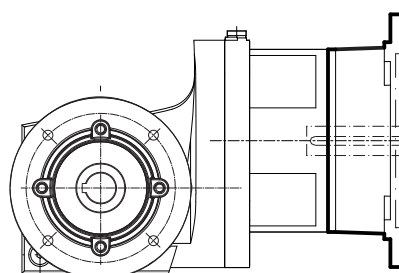
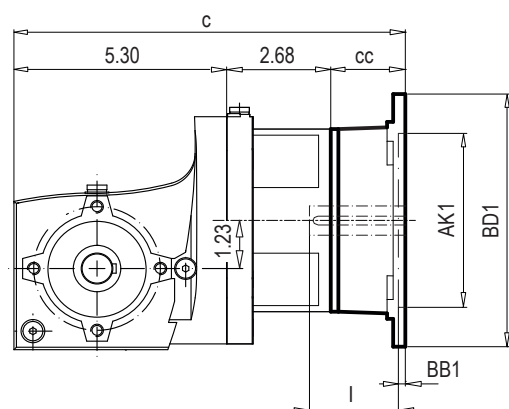
NEMA 56 C , 140 TC



SK 930072.1 V (A)

SK 930072.1 VF (AF)

NEMA 56 C , 140 TC



NEMA	Ø BD1	Ø AK1	Ø AJ1	BB1	Ø BF1	Ø U1	UY1	Y1	C	CC	I
N 56 C	6.54	4.500	5.875	0.16	0.43	0.625	0.709	0.1875	9.33	1.46	1.89
N 140 TC	6.54	4.500	5.875	0.16	0.43	0.875	0.964	0.1875	9.80	1.93	1.97

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- Motoreduktory walcowe NORDBLOC.1
- Motoreduktory walcowe
- Motoreduktory walcowe w korpusie płaskim
- Motoreduktory walcowo-stożkowe
- Motoreduktory walcowo-ślimakowe

G4014 Wariatory elektroniczne

- Motoreduktory walcowe NORDBLOC.1
- Motoreduktory walcowe
- Motoreduktory walcowe w korpusie płaskim
- Motoreduktory walcowo-stożkowe
- Motoreduktory walcowo-ślimakowe

G1050 Przekładnie przemysłowe MAXXDRIVE® Korpus jednoczęściowy 50 / 60 Hz

- Reduktory walcowe
- Reduktory walcowo-stożkowe

G1035 Reduktory ślimakowe UNIVERSAL

- SI i SMI

F3018 Przetwornice częstotliwości SK180E

F3020 Przetwornice częstotliwości SK200E

F3060 NORDAC PRO

Przetwornice częstotliwości SK500P



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Produkty elektryczne

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oferują lokalne zaopatrzenie, centra montażowe,
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