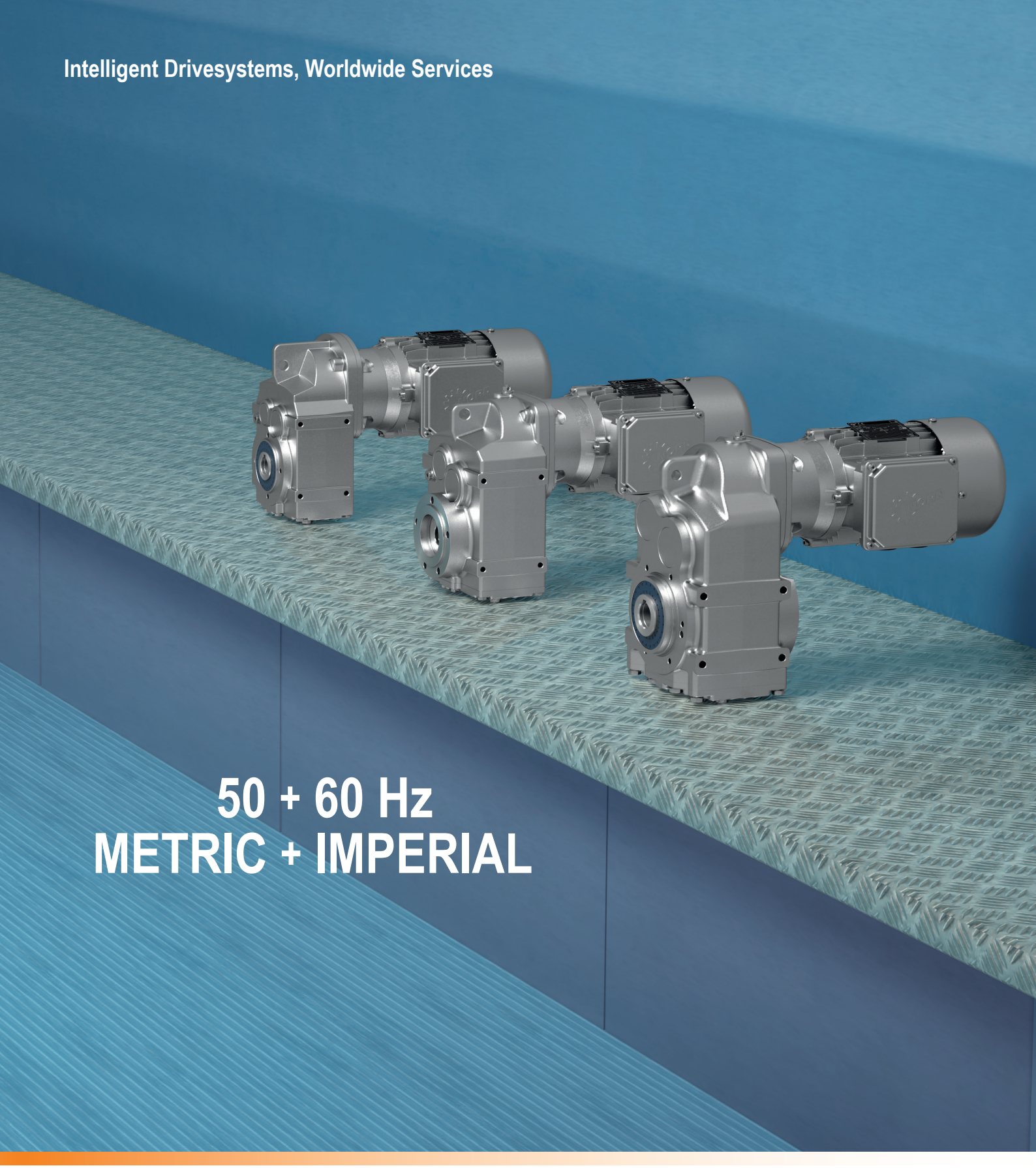
Intelligent Drivesystems, Worldwide Services



50 + 60 Hz
METRIC + IMPERIAL

EN-US

PRODUCT INFORMATION

Parallel shaft gear units

IE3

TI60-0009

NORD®
DRIVESYSTEMS

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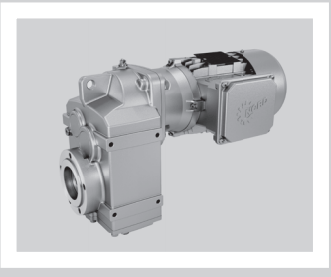

NORD DRIVESYSTEMS

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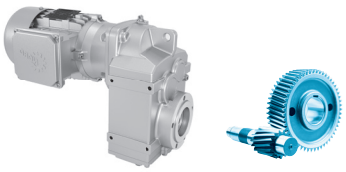
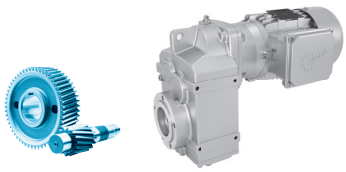


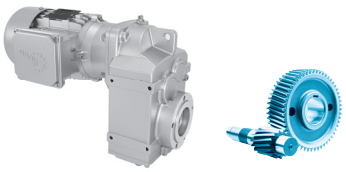
metric 50 Hz
0,12 kW
0,18 kW

P_1 [kW]	n_2 [min^{-1}]	M_2 [Nm]	f_B	i_{ges}	F_R [kN]	F_A [kN]	$F_{R\,VL}$ [kN]	$F_{A\,VL}$ [kN]	Type	kg
0,12	7,6	150	2,7	179,22	6,6	7,2	9,2	7,2	**SK 1382.1 - 63 SP/4**	18
	5,6	205	2,0	245,16	6,3	7,2	9,0	7,2		
	4,8	240	1,7	287,37	6,1	7,2	8,9	7,2		
	4,5	255	1,4	304,47	6,0	7,2	8,8	7,2		
	3,8	299	1,2	356,89	5,7	7,2	8,6	7,2		
0,12	26	44,4	4,1	53,03	6,7	5,0			**SK 0282.1 - 63 SP/4**	12
	21	55,8	3,6	66,66	7,0	5,0				
	18	63,3	3,2	75,69	7,0	5,0				
	15	77,4	2,6	92,51	7,0	5,0				
	13	86,9	2,3	103,89	6,9	5,0				
	12	92,8	2,2	110,96	6,9	5,0				
	11	106	1,9	126,98	6,9	5,0				
	9,7	118	1,7	140,98	6,9	5,0				
	8,5	135	1,5	161,34	6,8	5,0				
	7,2	159	1,3	190,64	6,7	5,0				
	6,8	169	1,2	201,65	6,7	5,0				
	6	191	1,0	228,16	6,6	5,0				
	5,5	207	0,9	247,02	6,5	5,0				
0,12	43	26,6	4,9	31,80	4,9	5,8			**SK 0182.1 - 63 SP/4**	10
	40	28,5	4,6	34,13	5,0	5,8				
	35	32,3	4,0	38,61	5,0	5,8				
	31	36,8	3,5	43,98	5,0	5,8				
	28	41,4	3,1	49,46	5,0	5,8				
	23	48,9	2,7	58,43	5,0	5,8				
	21	53,6	2,1	64,03	5,0	5,8				
	18	62,5	1,8	74,73	5,0	5,8				
	16	72,6	1,5	86,80	5,0	5,8				
	14	79,6	1,4	95,13	5,0	5,8				
	12	92,9	1,2	111,02	4,9	5,8				
	10	110	1,0	131,56	4,8	5,8				
	9,3	124	0,9	147,93	4,8	5,8				
	8,9	128	0,9	153,54	4,7	5,8				
0,18	20	85	4,7	68,50	6,8	7,2	9,4	7,2	**SK 1382.1 - 63 LP/4**	19
	7,7	222	1,8	179,22	6,2	7,2	9,0	7,2		
	5,6	304	1,3	245,16	5,6	7,2	8,6	7,2		
	4,8	357	1,1	287,37	5,1	7,2	8,2	7,2		
	4,5	378	1,0	304,47	4,8	7,2	8,1	7,2		
	3,9	443	0,8	356,89	1,7	7,2	7,5	7,2		

50 Hz metric
0,18 kW
0,25 kW

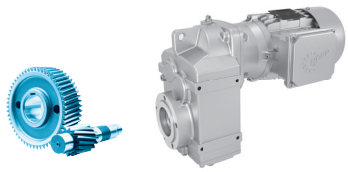


P_1 [kW]	n_2 [min^{-1}]	M_2 [Nm]	f_B	i_{ges}	F_R [kN]	F_A [kN]	$F_{R\,VL}$ [kN]	$F_{A\,VL}$ [kN]	Type	kg
0,18	41	41,5	4,8	33,44	5,7	5,0			**SK 0282.1 - 63 LP/4**	13
	36	47,3	4,2	38,14	5,9	5,0				
	32	54,3	3,7	43,78	6,2	5,0				
	26	65,8	2,7	53,03	6,5	5,0				
	21	82,7	2,4	66,66	6,9	5,0				
	18	93,9	2,1	75,69	6,9	5,0				
	15	115	1,7	92,51	6,9	5,0				
	13	129	1,6	103,89	6,8	5,0				
	12	138	1,5	110,96	6,8	5,0				
	11	158	1,3	126,98	6,7	5,0				
	9,8	175	1,1	140,98	6,7	5,0				
	8,6	200	1,0	161,34	6,5	5,0				
	7,3	237	0,8	190,64	6,3	5,0				
	6,9	250	0,8	201,65	6,2	5,0				
0,18	70	24,6	4,9	19,83	4,2	5,8			**SK 0182.1 - 63 LP/4**	11
	62	27,8	4,3	22,43	4,3	5,8				
	56	30,6	4,2	24,68	4,4	5,8				
	50	34,6	3,8	27,92	4,6	5,8				
	44	39,5	3,3	31,80	4,8	5,8				
	41	42,4	3,1	34,13	4,9	5,8				
	36	47,9	2,7	38,61	5,0	5,8				
	31	54,6	2,4	43,98	5,0	5,8				
	28	61,4	2,1	49,46	5,0	5,8				
	24	72,5	1,8	58,43	5,0	5,8				
	22	79,5	1,4	64,03	5,0	5,8				
	19	92,7	1,2	74,73	4,9	5,8				
	16	108	1,0	86,80	4,9	5,8				
	15	118	0,9	95,13	4,8	5,8				
	12	138	0,8	111,02	4,7	5,8				
0,25	28	86,7	4,6	51,41	6,8	7,2	9,4	7,2	**SK 1382.1 - 71 SP/4**	21
	26	91,6	4,4	54,32	6,7	7,2	9,3	7,2		
	23	102	3,9	60,26	6,7	7,2	9,3	7,2		
	21	116	3,5	68,50	6,7	7,2	9,3	7,2		
	10	229	1,7	135,72	6,2	7,2	8,9	7,2		
	8,9	268	1,5	159,09	5,9	7,2	8,8	7,2		
	7,9	302	1,3	179,22	5,6	7,2	8,6	7,2		
	6,5	367	1,1	217,62	4,9	7,2	8,1	7,2		
	5,8	414	1,0	245,16	3,6	7,2	7,8	7,2		
	4,9	485	0,8	287,37	-	7,2	7,0	7,2		

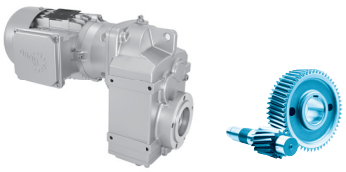


P_1 [kW]	n_2 [min^{-1}]	M_2 [Nm]	f_B	i_{ges}	F_R [kN]	F_A [kN]	$F_{R\,VL}$ [kN]	$F_{A\,VL}$ [kN]	Type	kg
0,25	54	44,4	4,5	26,32	5,2	5,0			**SK 0282.1 - 71 SP/4**	14
	48	49,9	4,0	29,56	5,4	5,0				
	42	56,4	3,5	33,44	5,5	5,0				
	37	64,3	3,1	38,14	5,8	5,0				
	32	73,9	2,7	43,78	6,0	5,0				
	27	89,5	2,0	53,03	6,2	5,0				
	21	112	1,8	66,66	6,6	5,0				
	19	128	1,6	75,69	6,8	5,0				
	15	156	1,3	92,51	6,7	5,0				
	14	175	1,1	103,89	6,6	5,0				
	13	187	1,1	110,96	6,6	5,0				
	11	214	0,9	126,98	6,5	5,0				
	10	238	0,8	140,98	6,3	5,0				
0,25	87	27,4	4,7	16,24	3,8	5,8			**SK 0182.1 - 71 SP/4**	12
	71	33,5	3,6	19,83	4,0	5,8				
	63	37,8	3,2	22,43	4,2	5,8				
	57	41,6	3,1	24,68	4,3	5,8				
	51	47,1	2,8	27,92	4,4	5,8				
	44	53,7	2,4	31,80	4,6	5,8				
	41	57,6	2,3	34,13	4,7	5,8				
	37	65,1	2,0	38,61	4,8	5,8				
	32	74,2	1,8	43,98	5,0	5,8				
	29	83,4	1,6	49,46	5,0	5,8				
	24	98,6	1,3	58,43	4,9	5,8				
	22	108	1,0	64,03	4,9	5,8				
	19	126	0,9	74,73	4,7	5,8				
	16	146	0,8	86,80	4,6	5,8				
0,37	43	83	4,8	32,99	6,1	7,2	9,4	7,2	**SK 1382.1 - 71 LP/4**	22
	36	97,2	4,1	38,67	6,4	7,2	9,3	7,2		
	32	111	3,6	44,19	6,6	7,2	9,3	7,2		
	27	129	3,1	51,41	6,6	7,2	9,3	7,2		
	26	137	2,9	54,32	6,6	7,2	9,3	7,2		
	23	152	2,6	60,26	6,6	7,2	9,2	7,2		
	21	172	2,3	68,50	6,5	7,2	9,2	7,2		
	10	341	1,2	135,72	5,2	7,2	8,3	7,2		
	8,8	400	1,0	159,09	4,1	7,2	7,9	7,2		
	7,8	451	0,9	179,22	0,4	7,2	7,4	7,2		

50 Hz metric
0,37 kW
0,55 kW



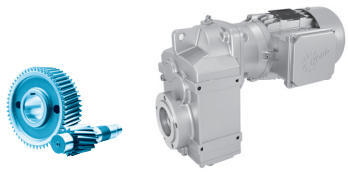
P_1 [kW]	n_2 [min^{-1}]	M_2 [Nm]	f_B	i_{ges}	F_R [kN]	F_A [kN]	$F_{R\,VL}$ [kN]	$F_{A\,VL}$ [kN]	Type	kg
0,37	87	40,5	4,9	16,12	4,4	5,0			**SK 0282.1 - 71 LP/4**	15
	77	45,9	4,4	18,24	4,5	5,0				
	74	47,7	4,2	18,96	4,6	5,0				
	65	54,2	3,7	21,53	4,8	5,0				
	53	66,2	3,0	26,32	5,0	5,0				
	48	74,3	2,7	29,56	5,2	5,0				
	42	84,1	2,4	33,44	5,3	5,0				
	37	95,9	2,1	38,14	5,5	5,0				
	32	110	1,8	43,78	5,7	5,0				
	26	133	1,3	53,03	5,9	5,0				
	21	168	1,2	66,66	6,2	5,0				
	19	190	1,1	75,69	6,3	5,0				
	15	233	0,9	92,51	6,3	5,0				
	14	261	0,8	103,89	6,2	5,0				
0,37	123	28,8	4,5	11,45	3,4	5,8			**SK 0182.1 - 71 LP/4**	13
	108	32,8	4,0	13,05	3,5	5,8				
	99	35,8	3,6	14,25	3,6	5,8				
	87	40,8	3,2	16,24	3,7	5,8				
	71	49,9	2,4	19,83	3,9	5,8				
	63	56,4	2,1	22,43	4,0	5,8				
	57	62,1	2,1	24,68	4,1	5,8				
	50	70,2	1,9	27,92	4,2	5,8				
	44	80	1,6	31,80	4,4	5,8				
	41	85,8	1,5	34,13	4,4	5,8				
	36	97,1	1,3	38,61	4,6	5,8				
	32	111	1,2	43,98	4,7	5,8				
	28	124	1,0	49,46	4,8	5,8				
	24	147	0,9	58,43	4,6	5,8				
0,55	50	106	3,8	28,54	5,6	7,2	9,3	7,2	**SK 1382.1 - 80 SP/4**	24
	43	122	3,3	32,99	5,8	7,2	9,3	7,2		
	37	143	2,8	38,67	6,0	7,2	9,2	7,2		
	32	163	2,4	44,19	6,2	7,2	9,2	7,2		
	28	190	2,1	51,41	6,4	7,2	9,1	7,2		
	26	201	2,0	54,32	6,3	7,2	9,1	7,2		
	24	223	1,8	60,26	6,2	7,2	9,0	7,2		
	21	253	1,6	68,50	6,0	7,2	8,8	7,2		
	17	307	1,3	82,94	5,6	7,2	8,5	7,2		
	15	360	1,1	97,22	5,0	7,2	8,2	7,2		
	14	383	1,0	103,68	4,7	7,2	8,0	7,2		
	12	449	0,9	121,52	0,8	7,2	7,4	7,2		
	10	502	0,8	135,72	-	7,2	6,8	7,2		
0,55	58	90,9	4,4	24,57	5,4	7,2	9,3	7,2	**SK 1282.1 - 80 SP/4**	24



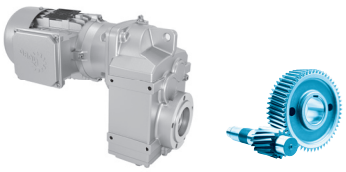
metric 50 Hz
0,55 kW
0,75 kW

P_1 [kW]	n_2 [min^{-1}]	M_2 [Nm]	f_B	i_{ges}	F_R [kN]	F_A [kN]	$F_{R\,VL}$ [kN]	$F_{A\,VL}$ [kN]	Type	kg
0,55	126	41,8	4,8	11,30	3,8	5,0			**SK 0282.1 - 80 SP/4**	18
	111	47,3	4,2	12,78	3,9	5,0				
	99	53,1	3,8	14,36	4,1	5,0				
	88	59,6	3,4	16,12	4,2	5,0				
	78	67,5	3,0	18,24	4,4	5,0				
	75	70,1	2,9	18,96	4,4	5,0				
	66	79,6	2,5	21,53	4,5	5,0				
	54	97,3	2,1	26,32	4,7	5,0				
	48	109	1,8	29,56	4,9	5,0				
	42	124	1,6	33,44	5,0	5,0				
	37	141	1,4	38,14	5,1	5,0				
	32	162	1,2	43,78	5,2	5,0				
	27	196	0,9	53,03	5,3	5,0				
	21	247	0,8	66,66	5,5	5,0				
0,55	199	26,4	4,9	7,12	2,8	5,0			**SK 0182.1 - 80 SP/4**	16
	174	30,3	4,3	8,18	3,0	5,2				
	160	32,8	4,0	8,87	3,0	5,3				
	140	37,4	3,5	10,13	3,1	5,5				
	124	42,4	3,1	11,45	3,2	5,7				
	109	48,3	2,7	13,05	3,3	5,8				
	100	52,7	2,5	14,25	3,4	5,8				
	87	60,1	2,2	16,24	3,5	5,8				
	72	73,3	1,6	19,83	3,7	5,8				
	63	83	1,4	22,43	3,8	5,8				
	58	91,3	1,4	24,68	3,8	5,8				
	51	103	1,3	27,92	3,9	5,8				
	45	118	1,1	31,80	4,0	5,8				
	42	126	1,0	34,13	4,1	5,8				
	37	143	0,9	38,61	4,1	5,8				
	32	163	0,8	43,98	4,2	5,8				
0,75	50	144	2,8	28,54	5,4	7,2	9,2	7,2	**SK 1382.1 - 80 LP/4**	25
	43	167	2,4	32,99	5,5	7,2	9,2	7,2		
	37	196	2,0	38,67	5,7	7,2	9,1	7,2		
	32	224	1,8	44,19	5,8	7,2	9,0	7,2		
	28	260	1,5	51,41	5,9	7,2	8,8	7,2		
	26	275	1,5	54,32	5,9	7,2	8,7	7,2		
	23	305	1,3	60,26	5,6	7,2	8,6	7,2		
	21	347	1,2	68,50	5,2	7,2	8,3	7,2		
	17	420	1,0	82,94	3,3	7,2	7,7	7,2		
	15	492	0,8	97,22	-	7,2	6,9	7,2		
	14	525	0,8	103,68	-	7,2	6,5	7,2		
0,75	85	84,3	4,7	16,66	4,7	7,2	9,4	7,2	**SK 1282.1 - 80 LP/4**	24
	72	98,8	4,0	19,52	4,9	7,2	9,3	7,2		
	68	106	3,8	20,96	5,0	7,2	9,3	7,2		
	58	124	3,2	24,57	5,2	7,2	9,3	7,2		

50 Hz metric
0,75 kW
1,10 kW



P_1 [kW]	n_2 [min^{-1}]	M_2 [Nm]	f_B	i_{ges}	F_R [kN]	F_A [kN]	$F_{R\,VL}$ [kN]	$F_{A\,VL}$ [kN]	Type	kg
0,75	172	41,7	4,8	8,24	3,4	5,0			SK 0282.1 - 80 LP/4	18
	154	46,4	4,3	9,18	3,5	5,0				
	141	50,9	3,9	10,06	3,6	5,0				
	125	57,2	3,5	11,30	3,7	5,0				
	111	64,7	3,1	12,78	3,8	5,0				
	99	72,7	2,8	14,36	3,9	5,0				
	88	81,6	2,5	16,12	4,0	5,0				
	78	92,3	2,2	18,24	4,2	5,0				
	75	96	2,1	18,96	4,2	5,0				
	66	109	1,8	21,53	4,3	5,0				
	54	133	1,5	26,32	4,5	5,0				
	48	150	1,3	29,56	4,5	5,0				
	42	169	1,2	33,44	4,6	5,0				
	37	193	1,0	38,14	4,7	5,0				
	32	222	0,9	43,78	4,8	5,0				
0,75	292	24,5	4,9	4,85	2,5	4,3			SK 0182.1 - 80 LP/4	16
	255	28	4,3	5,54	2,6	4,5				
	227	31,5	4,1	6,23	2,7	4,7				
	199	36,1	3,6	7,12	2,8	4,8				
	173	41,4	3,1	8,18	2,9	5,0				
	160	44,9	2,9	8,87	2,9	5,1				
	140	51,2	2,5	10,13	3,0	5,3				
	124	58	2,2	11,45	3,1	5,4				
	108	66,1	2,0	13,05	3,2	5,6				
	99	72,1	1,8	14,25	3,2	5,7				
	87	82,2	1,6	16,24	3,3	5,8				
	71	100	1,2	19,83	3,4	5,8				
	63	114	1,1	22,43	3,5	5,8				
	57	125	1,0	24,68	3,5	5,8				
	51	141	0,9	27,92	3,6	5,8				
	44	161	0,8	31,80	3,6	5,8				
	41	173	0,8	34,13	3,6	5,8				
1,10	50	210	1,9	28,54	4,9	7,2	9,0	7,2	SK 1382.1 - 90 SP/4	30
	43	242	1,7	32,99	4,9	7,2	8,9	7,2		
	37	284	1,4	38,67	5,0	7,2	8,7	7,2		
	32	325	1,2	44,19	5,0	7,2	8,4	7,2		
	28	378	1,1	51,41	4,8	7,2	8,1	7,2		
	26	399	1,0	54,32	4,2	7,2	7,9	7,2		
	24	443	0,9	60,26	1,7	7,2	7,5	7,2		
	21	503	0,8	68,50	-	7,2	6,8	7,2		
1,10	131	79,9	5,0	10,88	4,0	6,9	9,4	7,2	SK 1282.1 - 90 SP/4	29
	117	89,5	4,5	12,19	4,1	7,1	9,3	7,2		
	104	101	4,0	13,74	4,3	7,2	9,3	7,2		
	86	122	3,3	16,66	4,4	7,2	9,3	7,2		
	73	143	2,8	19,52	4,6	7,2	9,2	7,2		
	68	154	2,6	20,96	4,6	7,2	9,2	7,2		
	58	180	2,2	24,57	4,8	7,2	9,1	7,2		

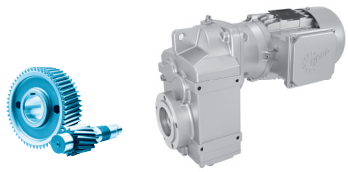


metric 50 Hz
1,10 kW
1,50 kW

P_1 [kW]	n_2 [min^{-1}]	M_2 [Nm]	f_B	i_{ges}	F_R [kN]	F_A [kN]	$F_{R\,VL}$ [kN]	$F_{A\,VL}$ [kN]	Type	kg
1,10	299	35,1	4,6	4,79	2,8	5,0			**SK 0282.1 - 90 SP/4**	23
	261	40,2	4,0	5,47	2,9	5,0				
	223	47,1	3,8	6,43	3,0	5,0				
	210	50,1	4,0	6,82	3,1	5,0				
	174	60,5	3,3	8,24	3,2	5,0				
	156	67,3	3,0	9,18	3,3	5,0				
	142	73,9	2,7	10,06	3,4	5,0				
	127	83	2,4	11,30	3,4	5,0				
	112	93,9	2,1	12,78	3,5	5,0				
	100	105	1,9	14,36	3,7	5,0				
	89	118	1,7	16,12	3,7	5,0				
	78	134	1,5	18,24	3,8	5,0				
	75	139	1,4	18,96	3,8	5,0				
	66	158	1,3	21,53	3,9	5,0				
	54	193	1,0	26,32	3,9	5,0				
	48	217	0,9	29,56	4,0	5,0				
	43	246	0,8	33,44	4,0	5,0				
1,50	50	289	1,4	28,54	4,3	7,2	8,6	7,2	**SK 1382.1 - 90 LP/4**	31
	43	334	1,2	32,99	4,3	7,2	8,4	7,2		
	37	391	1,0	38,67	4,3	7,2	7,9	7,2		
	32	447	0,9	44,19	1,1	7,2	7,4	7,2		
	28	520	0,8	51,41	-	7,2	6,6	7,2		
1,50	271	52,9	4,8	5,22	3,2	5,2	9,4	7,2	**SK 1282.1 - 90 LP/4**	31
	222	64,5	4,4	6,38	3,4	5,8	9,4	7,2		
	189	75,6	4,2	7,47	3,5	6,0	9,4	7,2		
	172	83,5	3,8	8,25	3,6	6,2	9,4	7,2		
	146	97,9	3,7	9,67	3,8	6,4	9,3	7,2		
	130	110	3,6	10,88	3,8	6,6	9,3	7,2		
	116	123	3,2	12,19	3,9	6,7	9,3	7,2		
	103	139	2,9	13,74	4,0	6,9	9,2	7,2		
	85	169	2,4	16,66	4,1	7,1	9,2	7,2		
	72	198	2,0	19,52	4,2	7,2	9,1	7,2		
	68	212	1,9	20,96	4,2	7,2	9,0	7,2		
	58	249	1,6	24,57	4,3	7,2	8,9	7,2		
1,50	296	48,4	3,3	4,79	2,7	4,8			**SK 0282.1 - 90 LP/4**	25
	259	55,4	2,9	5,47	2,8	5,0				
	220	65	2,8	6,43	2,9	5,0				
	207	69	2,9	6,82	3,0	5,0				
	172	83,3	2,4	8,24	3,0	5,0				
	154	92,7	2,2	9,18	3,1	5,0				
	141	102	2,0	10,06	3,1	5,0				
	125	114	1,7	11,30	3,2	5,0				
	111	129	1,5	12,78	3,2	5,0				
1,50	99	145	1,4	14,36	3,3	5,0			**SK 0282.1 - 90 LP/4**	25
	88	163	1,2	16,12	3,4	5,0				
	78	185	1,1	18,24	3,4	5,0				
	75	192	1,0	18,96	3,4	5,0				
	66	218	0,9	21,53	3,4	5,0				
	54	266	0,8	26,32	3,4	5,0				

50 Hz metric

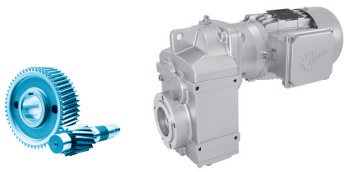
2,20 kW
3,00 kW
4,00 kW



P_1 [kW]	n_2 [min^{-1}]	M_2 [Nm]	f_B	i_{ges}	F_R [kN]	F_A [kN]	$F_{R\,VL}$ [kN]	$F_{A\,VL}$ [kN]	Type	kg
2,20	51	409	1,0	28,54	3,4	6,3	7,8	7,2	**SK 1382.1 - 100 LP/4**	43
	44	473	0,8	32,99	-	6,0	7,2	7,2		
2,20	363	57,9	4,4	4,04	2,8	4,4	9,3	7,2	**SK 1282.1 - 100 LP/4**	42
	280	74,9	3,4	5,22	3,0	4,8	9,4	7,2		
	230	91,4	3,1	6,38	3,2	5,3	9,3	7,2		
	196	107	3,0	7,47	3,3	5,6	9,3	7,2		
	178	118	2,7	8,25	3,3	5,7	9,3	7,2		
	151	139	2,6	9,67	3,4	5,9	9,2	7,2		
	135	156	2,6	10,88	3,4	6,0	9,2	7,2		
	120	175	2,3	12,19	3,5	6,1	9,1	7,2		
	107	197	2,0	13,74	3,5	6,2	9,1	7,2		
	88	239	1,7	16,66	3,5	6,3	8,9	7,2		
	75	280	1,4	19,52	3,6	6,4	8,7	7,2		
3,00	362	79,2	3,2	4,04	2,7	4,1	9,1	7,2	**SK 1282.1 - 100 AP/4**	42
	279	103	2,5	5,22	2,8	4,4	9,3	7,2		
	229	125	2,3	6,38	2,9	4,8	9,3	7,2		
	195	147	2,2	7,47	3,0	5,1	9,2	7,2		
	177	162	2,0	8,25	3,0	5,2	9,2	7,2		
	151	190	1,9	9,67	3,1	5,4	9,1	7,2		
	134	213	1,9	10,88	3,0	5,4	9,0	7,2		
	120	239	1,7	12,19	3,0	5,4	8,9	7,2		
	106	270	1,5	13,74	3,0	5,4	8,8	7,2		
	88	327	1,2	16,66	2,9	5,3	8,4	7,2		
	75	383	1,0	19,52	2,8	5,3	8,0	7,2		
4,00	357	107	2,4	4,04	2,5	3,8	8,9	7,2	**SK 1282.1 - 112 MP/4**	50
	276	139	1,8	5,22	2,5	4,0	9,2	7,2		
	226	169	1,7	6,38	2,6	4,3	9,2	7,2		
	193	198	1,6	7,47	2,6	4,4	9,1	7,2		
	175	219	1,5	8,25	2,6	4,4	9,0	7,2		
	149	257	1,4	9,67	2,6	4,5	8,8	7,2		
	132	288	1,4	10,88	2,5	4,5	8,6	7,2		
	118	323	1,2	12,19	2,4	4,4	8,4	7,2		
	105	364	1,1	13,74	2,3	4,3	8,2	7,2		
	86	442	0,9	16,66	1,8	4,1	7,5	7,2		
	74	518	0,8	19,52	-	3,9	6,6	7,2		

Notes

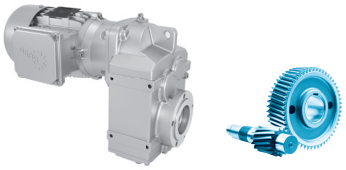
50 Hz metric
SK 0182.1



DRIVESYSTEMS

	i_{ges}	W n_2 [min^{-1}]	W M_{2max} [Nm] $f_B = 1$	W P_{1max} [kW] $f_B \geq 1$	W n_2 [min^{-1}]	W M_{2max} [Nm] $f_B = 1$	W P_{1max} [kW] $f_B \geq 1$	W n_2 [min^{-1}]	W M_{2max} [Nm] $f_B = 1$	W P_{1max} [kW] $f_B \geq 1$	IEC f_B ⇨📖 1-8 IEC 63	IEC 71	IEC 80				
		n_1 = 1400 min^{-1}			n_1 = 930 min^{-1}			n_1 = 750 min^{-1}									
SK 0182.1	**153,54**	9,1	110	0,11	6,1	110	0,07	4,9	110	0,056	*	*	*				
	147,93	9,5	110	0,11	6,3	110	0,072	5,1	110	0,058	*	*	*				
	131,56	11	110	0,12	7,1	110	0,081	5,7	110	0,066	*	*	*				
W + IEC	**111,02**	13	110	0,15	8,4	110	0,1	6,8	110	0,078	*	*	*				
mm	**95,13**	15	110	0,17	9,8	110	0,11	7,9	110	0,09	*	*	*				
⇨📖26-27	**86,80**	16	110	0,19	11	110	0,12	8,6	110	0,1		*	*				
	74,73	19	110	0,22	12	110	0,14	10	110	0,12		*	*				
	64,03	22	110	0,25	15	110	0,17	12	110	0,13		*	*				
	58,43	24	130	0,33	16	130	0,22	13	130	0,17		*	*				
	49,46	28	130	0,39	19	130	0,26	15	130	0,21			*				
W + NEMA	**43,98**	32	130	0,43	21	130	0,29	17	130	0,23			*				
inch	**38,61**	36	130	0,49	24	130	0,33	19	130	0,26			*				
⇨📖54-55	**34,13**	41	130	0,56	27	130	0,37	22	130	0,3			*				
	31,80	44	130	0,6	29	130	0,4	24	130	0,32			*				
	27,92	50	130	0,68	33	130	0,45	27	130	0,37			*				
	24,68	57	130	*0,75*	38	130	*0,5*	30	130	*0,4*							
	22,43	62	120	*0,75*	41	120	*0,5*	33	120	*0,4*							
	19,83	71	120	*0,75*	47	120	*0,5*	38	120	*0,4*							
	16,24	86	130	*0,75*	57	130	*0,5*	46	130	*0,4*							
	14,25	98	130	*0,75*	65	130	*0,5*	53	130	*0,4*							
	13,05	107	130	*0,75*	71	130	*0,5*	57	130	*0,4*							
	11,45	122	130	*0,75*	81	130	*0,5*	65	130	*0,4*							
	10,13	138	130	*0,75*	92	130	*0,5*	74	130	*0,4*							
	8,87	158	130	*0,75*	105	130	*0,5*	85	130	*0,4*							
	8,18	171	130	*0,75*	114	130	*0,5*	92	130	*0,4*							
	7,12	196	130	*0,75*	131	130	*0,5*	105	130	*0,4*							
	6,23	225	130	*0,75*	149	130	*0,5*	120	130	*0,4*							
	5,54	253	120	*0,75*	168	120	*0,5*	135	120	*0,4*							
	4,85	289	120	*0,75*	192	120	*0,5*	155	120	*0,4*							

* Caution, do not exceed the maximum drive power P_{1max} according to the Type W column

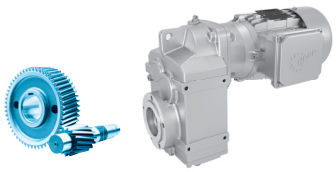


	i_{ges}	W n_2 [min^{-1}]	W M_{2max} $f_B = 1$ [Nm]	W P_{1max} $f_B \geq 1$ [kW]	W n_2 [min^{-1}]	W M_{2max} $f_B = 1$ [Nm]	W P_{1max} $f_B \geq 1$ [kW]	W n_2 [min^{-1}]	W M_{2max} $f_B = 1$ [Nm]	W P_{1max} $f_B \geq 1$ [kW]	IEC f_B ⇨📖 1-8 IEC 63	71	80	90			
		n_1 = 1400 min^{-1}			n_1 = 930 min^{-1}			n_1 = 750 min^{-1}									
SK 0282.1	**247,02**	**5,7**	180	0,11	3,8	180	0,071	3	180	0,057	*	*	*	*			
	228,16	**6,1**	200	0,13	4,1	200	0,085	3,3	200	0,069	*	*	*	*			
	201,65	**6,9**	200	0,15	4,6	200	0,1	3,7	200	0,078	*	*	*	*			
W + IEC	**190,64**	**7,3**	200	0,15	4,9	200	0,1	3,9	200	0,082	*	*	*	*			
mm	**161,34**	**8,7**	200	0,18	5,8	200	0,12	4,6	200	0,1		*	*	*			
⇨📖26-27	**140,98**	**9,9**	200	0,21	6,6	200	0,14	5,3	200	0,11		*	*	*			
	126,98	**11**	200	0,23	7,3	200	0,15	5,9	200	0,12		*	*	*			
	110,96	**13**	200	0,26	8,4	200	0,18	6,8	200	0,14		*	*	*			
	103,89	**13**	200	0,28	9	200	0,19	7,2	200	0,15		*	*	*			
	92,51	**15**	200	0,32	10	200	0,21	8,1	200	0,17		*	*	*			
W + NEMA	**75,69**	**18**	200	0,39	12	200	0,26	9,9	200	0,21			*	*			
inch	**66,66**	**21**	200	0,44	14	200	0,29	11	200	0,24			*	*			
⇨📖54-55	**53,03**	**26**	180	0,5	18	180	0,33	14	180	0,27			*	*			
	43,78	**32**	200	0,67	21	200	0,44	17	200	0,36			*	*			
	38,14	**37**	200	0,77	24	200	0,51	20	200	0,41				*			
	33,44	**42**	200	0,88	28	200	0,58	22	200	0,47				*			
	29,56	**47**	200	0,99	31	200	0,66	25	200	0,53				*			
	26,32	**53**	200	1,11	35	200	0,74	28	200	0,6				*			
	21,53	**65**	200	1,36	43	200	0,9	35	200	0,73				*			
	18,96	**74**	200	*1,5*	49	200	*1*	40	200	*0,8*							
	18,24	**77**	200	*1,5*	51	200	*1*	41	200	*0,8*							
	16,12	**87**	200	*1,5*	58	200	*1*	47	200	*0,8*							
	14,36	**98**	200	*1,5*	65	200	*1*	52	200	*0,8*							
	12,78	**110**	200	*1,5*	73	200	*1*	59	200	*0,8*							
	11,30	**124**	200	*1,5*	82	200	*1*	*66*	200	*0,8*							
	10,06	**139**	200	*1,5*	92	200	*1*	*75*	200	*0,8*							
	9,18	**153**	200	*1,5*	102	200	*1*	82	200	*0,8*							
	8,24	**170**	200	*1,5*	113	200	*1*	91	200	*0,8*							
	6,82	**205**	200	*1,5*	136	200	*1*	110	200	*0,8*							
	6,43	**218**	180	*1,5*	145	180	*1*	117	180	*0,8*							
	5,47	**256**	160	*1,5*	170	160	*1*	137	160	*0,8*							
	4,79	**293**	160	*1,5*	195	160	*1*	157	160	*0,8*							

* Caution, do not exceed the maximum drive power P_{1max} according to the Type W column

50 Hz metric

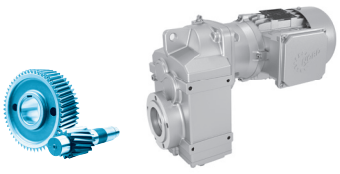
SK 1282.1



DRIVESYSTEMS

	i_{ges}	W n_2 [min^{-1}]	W M_{2max} $f_B = 1$ [Nm]	W P_{1max} $f_B \geq 1$ [kW]	W n_2 [min^{-1}]	W M_{2max} $f_B = 1$ [Nm]	W P_{1max} $f_B \geq 1$ [kW]	W n_2 [min^{-1}]	W M_{2max} $f_B = 1$ [Nm]	W P_{1max} $f_B \geq 1$ [kW]	IEC f_B ⇨📖 1-8 IEC 63	71	80	90	100	112	
		n_1 = 1400 min^{-1}			n_1 = 930 min^{-1}			n_1 = 750 min^{-1}									
SK 1282.1	**24,57**	57	400	2,05	38	400	1,36	31	400	1,1							
	20,96	67	400	2,05	44	400	1,36	36	400	1,1							
	19,52	72	400	3,0	48	400	2,00	38	400	1,61						*	
W + IEC	**16,66**	84	400	3,3	56	400	2,19	45	400	1,77						*	
mm	**13,74**	102	400	3,45	68	400	2,29	55	400	1,85						*	
	12,19	115	400	*4,0*	76	400	*2,66*	62	400	*2,14*							
⇨📖26-27	**10,88**	129	400	*4,0*	86	400	*2,66*	69	400	*2,14*							
	9,67	145	360	*4,0*	96	360	*2,66*	78	360	*2,14*							
	8,25	170	320	*4,0*	113	320	*2,66*	91	320	*2,14*							
	7,47	187	320	*4,0*	124	320	*2,66*	100	320	*2,14*							
W + NEMA	**6,38**	220	285	*4,0*	146	285	*2,66*	118	285	*2,14*							
inch	**5,22**	268	255	*4,0*	178	255	*2,66*	144	255	*2,14*							
	4,04	347	255	*4,0*	230	255	*2,66*	186	255	*2,14*							
⇨📖54-55																	

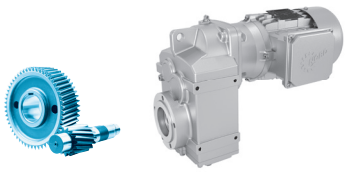
* Caution, do not exceed the maximum drive power P_{1max} according to the Type W column



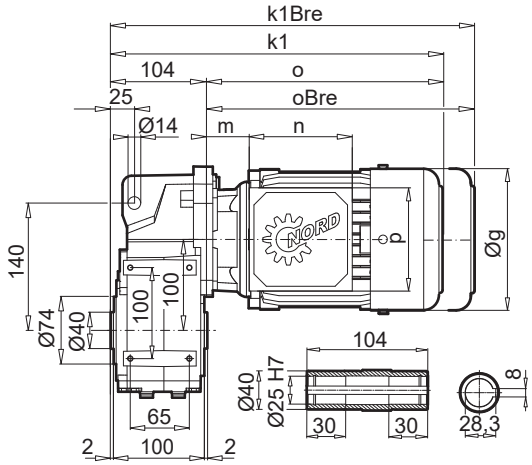
metric 50 Hz
SK 1382.1

	i_{ges}	W n_2	W M_{2max} $f_B = 1$	W P_{1max} $f_B \geq 1$	W n_2	W M_{2max} $f_B = 1$	W P_{1max} $f_B \geq 1$	W n_2	W M_{2max} $f_B = 1$	W P_{1max} $f_B \geq 1$	IEC f_B ⇨📖 1-8						
		n_1 = 1400 min^{-1}			n_1 = 930 min^{-1}			n_1 = 750 min^{-1}			IEC						
		[min^{-1}]	[Nm]	[kW]	[min^{-1}]	[Nm]	[kW]	[min^{-1}]	[Nm]	[kW]	63	71	80	90	100		
SK 1382.1	**356,89**	**3,9**	360	0,15	2,6	360	0,10	2,1	360	0,079	*	*	*	*			
	304,47	**4,6**	360	0,17	3,1	360	0,12	2,5	360	0,09	*	*	*	*			
	287,37	**4,9**	400	0,2	3,2	400	0,14	2,6	400	0,11		*	*	*			
W + IEC	**245,16**	**5,7**	400	0,24	3,8	400	0,16	3,1	400	0,13		*	*	*			
mm	**217,62**	**6,4**	400	0,27	4,3	400	0,18	3,4	400	0,14		*	*	*			
⇨📖26-27	**179,22**	**7,8**	400	0,33	5,2	400	0,22	4,2	400	0,18		*	*	*			
	159,09	**8,8**	400	0,37	5,8	400	0,24	4,7	400	0,2			*	*			
	135,72	**10**	400	0,43	6,9	400	0,29	5,5	400	0,23			*	*			
	121,52	**12**	400	0,48	7,7	400	0,32	6,2	400	0,26			*	*			
	103,68	**14**	400	0,57	9	400	0,38	7,2	400	0,3			*	*			
W + NEMA	**97,22**	**14**	400	0,6	9,6	400	0,40	7,7	400	0,32			*	*			
inch	**82,94**	**17**	400	0,71	11	400	0,47	9	400	0,38			*	*			
⇨📖54-55	**68,50**	**20**	400	0,86	14	400	0,57	11	400	0,46							
	60,26	**23**	400	0,97	15	400	0,65	12	400	0,52							
	54,32	**26**	400	1,08	17	400	0,72	14	400	0,58				*	*		
	51,41	**27**	400	1,14	18	400	0,76	15	400	0,61				*			
	44,19	**32**	400	1,33	21	400	0,88	17	400	0,71				*	*		
	38,67	**36**	400	1,52	24	400	1,01	19	400	0,81					*		
	32,99	**42**	400	1,78	28	400	1,18	23	400	0,95					*		
	28,54	**49**	400	2,05	33	400	1,36	26	400	1,1					*		

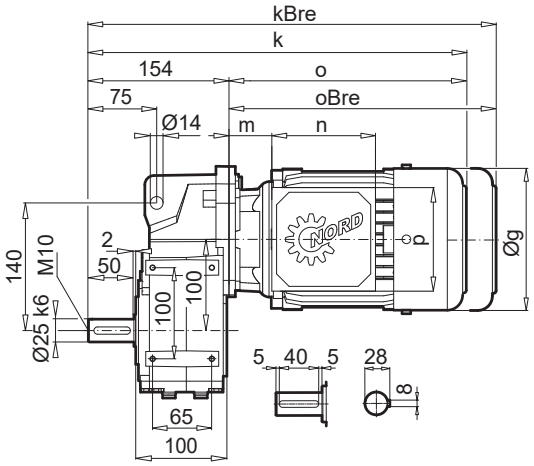
* Caution, do not exceed the maximum drive power P_{1max} according to the Type W column

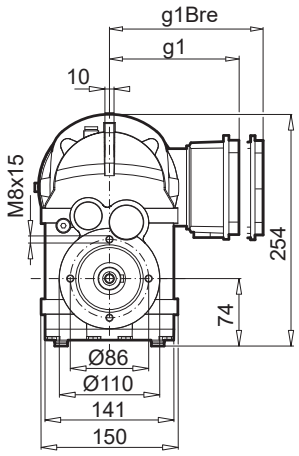


SK 0182.1 AXZ

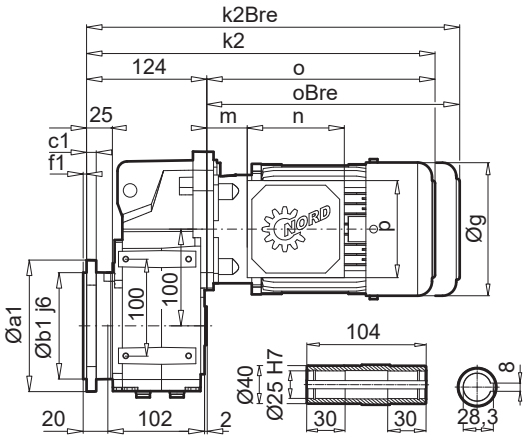


SK 0182.1 VXZ

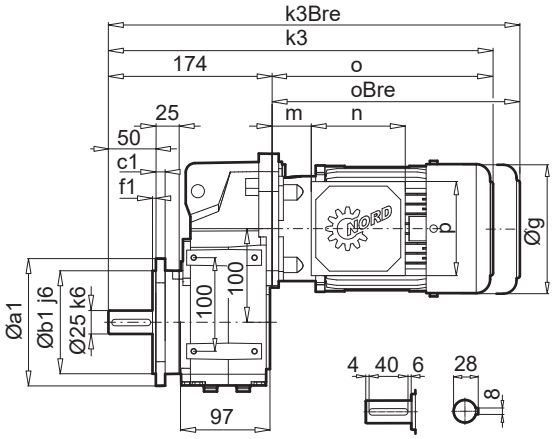


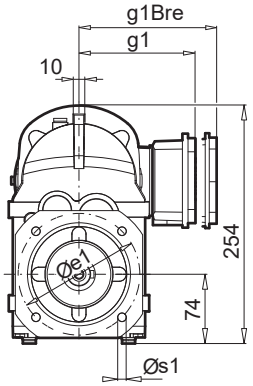


SK 0182.1 AXF



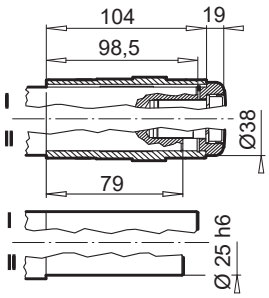
SK 0182.1 VXF



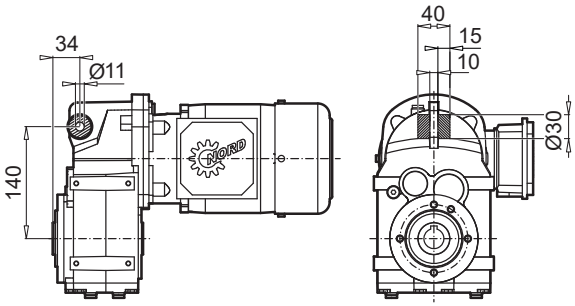


a1	b1	c1	e1	f1	s1
160	110	10	130	3,5	4 x 9,0

SK 0182.1 AXF**B** / AXZ**B**

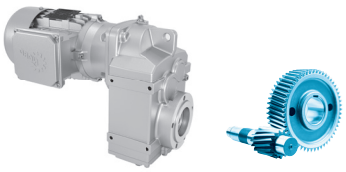


SK 0182.1 AXZ**G** / VXZ**G**

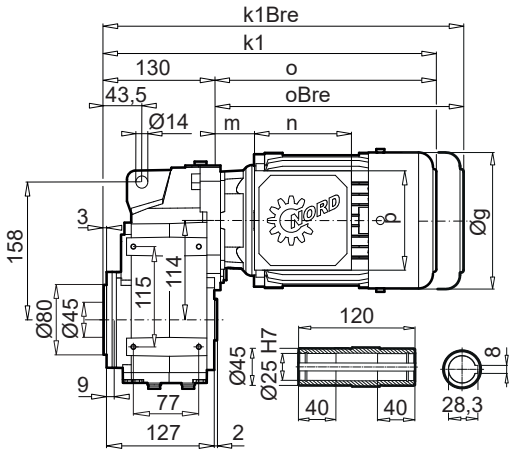


	63 SP/LP	71 SP/LP	80 SP/LP		
g	130	145	164		
g1 / g1Bre	116 / 123	124 / 133	142 / 142		
k / kBre	350 / 406	390 / 448	415 / 479		
k1 / k1Bre	300 / 356	340 / 398	365 / 429		
k2 / k2Bre	321 / 377	361 / 419	386 / 450		
k3 / k2Bre	371 / 427	411 / 469	436 / 500		
o / oBre	196 / 252	236 / 294	261 / 325		
m / mBre	16 / 22	42 / 48	47 / 50		
n / nBre	100 / 134	100 / 134	114 / 153		
p / pBre	100 / 89	100 / 89	114 / 108		

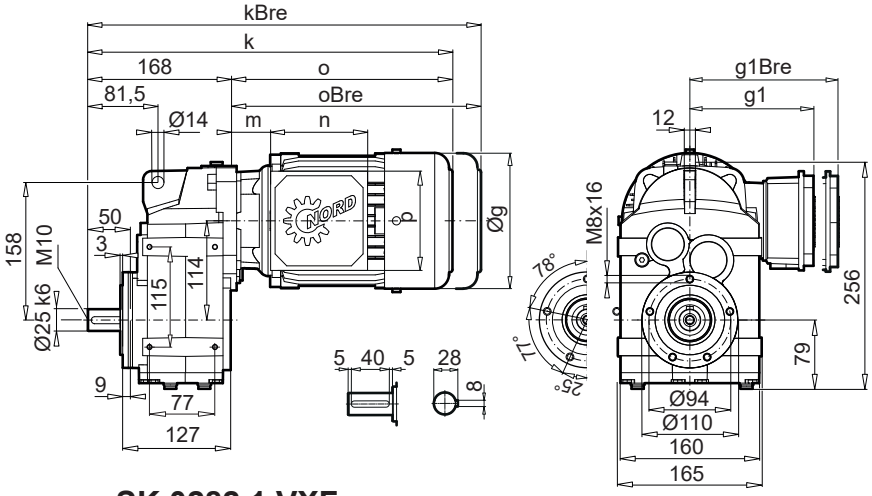
W ⇨📖 26
IEC ⇨📖 27



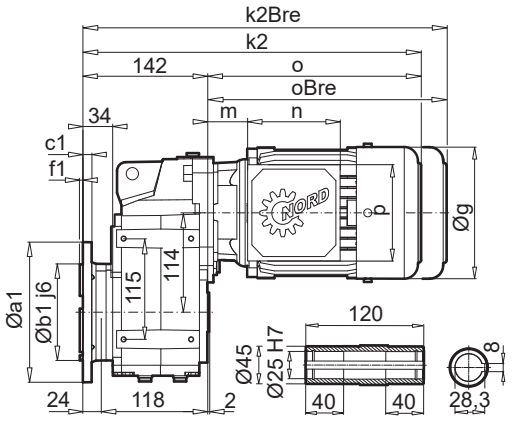
SK 0282.1 AXZ



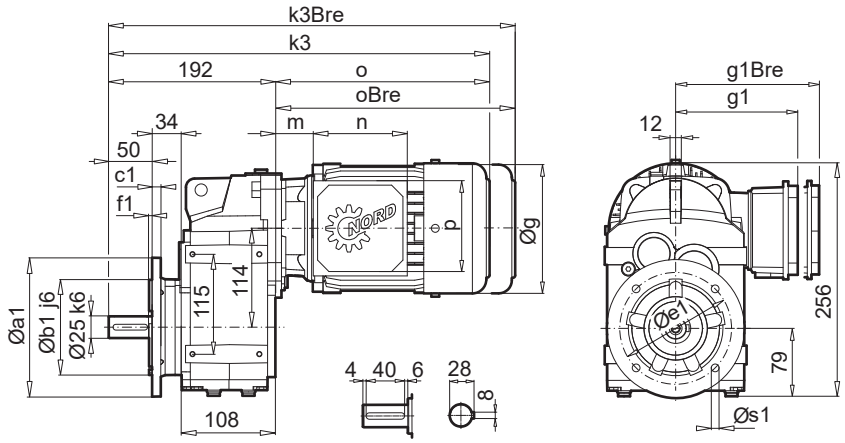
SK 0282.1 VXZ



SK 0282.1 AXF

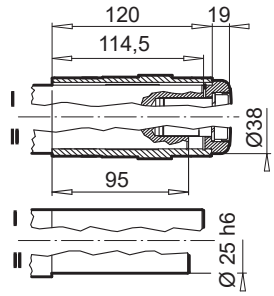


SK 0282.1 VXF

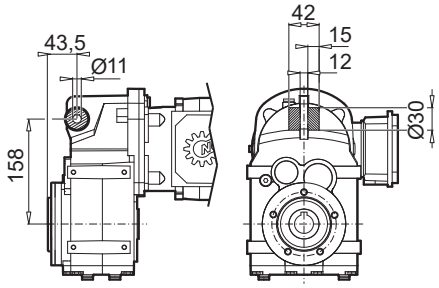


a1	b1	c1	e1	f1	s1
160	110	10	130	3,5	4 x 9,0

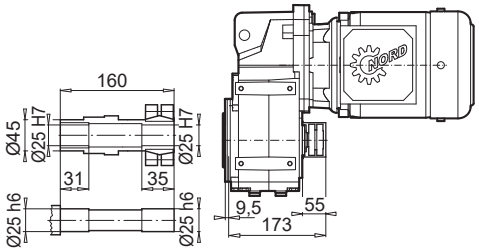
SK 0282.1 AXF**B** / AXZ**B**



SK 0282.1 AXZ**G** / VXZ**G**

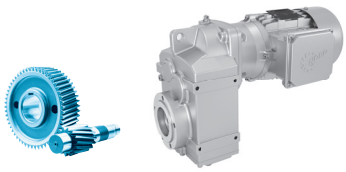


SK 0282.1 AXZ**SH**

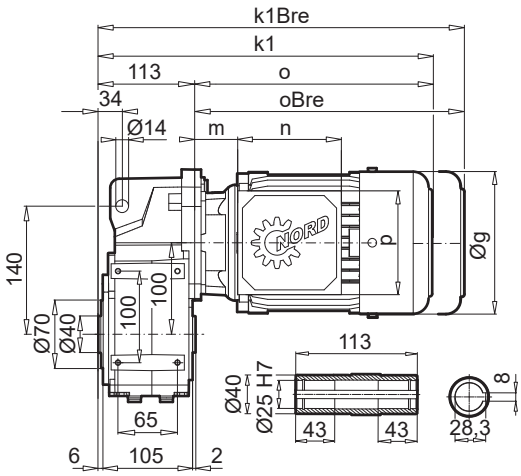


	63 SP/LP	71 SP/LP	80 SP/LP	90 SP/LP	
g	130	145	164	164	
g1 / g1Bre	116 / 123	124 / 133	142 / 142	147 / 147	
k / kBre	364 / 420	404 / 462	429 / 479	470 / 545	W ⇨📖 26
k1 / k1Bre	326 / 382	366 / 424	391 / 455	432 / 507	
k2 / k2Bre	339 / 395	379 / 437	403 / 450	445 / 520	
k3 / k3Bre	388 / 444	428 / 486	436 / 500	494 / 569	
o / oBre	196 / 252	236 / 294	261 / 325	302 / 377	IEC ⇨📖 27
m / mBre	16 / 22	42 / 48	47 / 50	52 / 55	
n / nBre	100 / 134	100 / 134	114 / 153	114 / 153	
p / pBre	100 / 89	100 / 89	114 / 108	114 / 108	

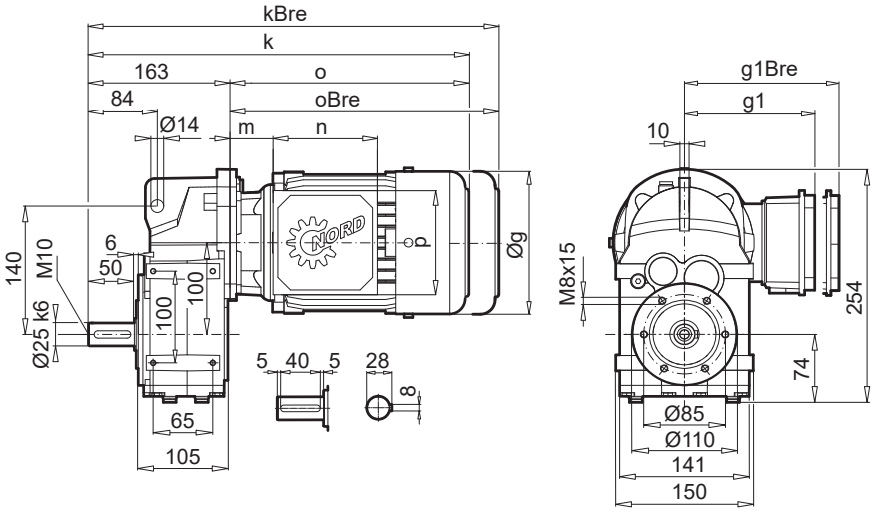
SK 0182.1 ... N



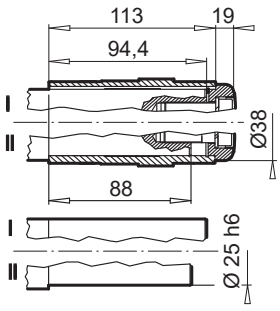
SK 0182.1 AXZN



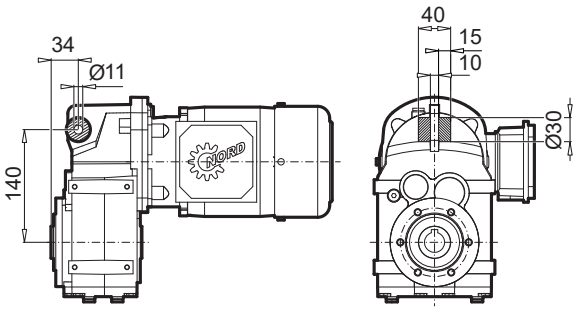
SK 0182.1 VXZN



SK 0182.1 AXZ(N)**B**



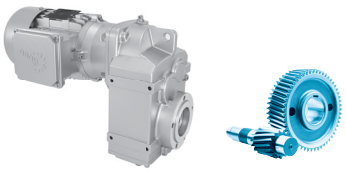
SK 0182.1 AXZ(N)**G** / VXZ(N)**G**



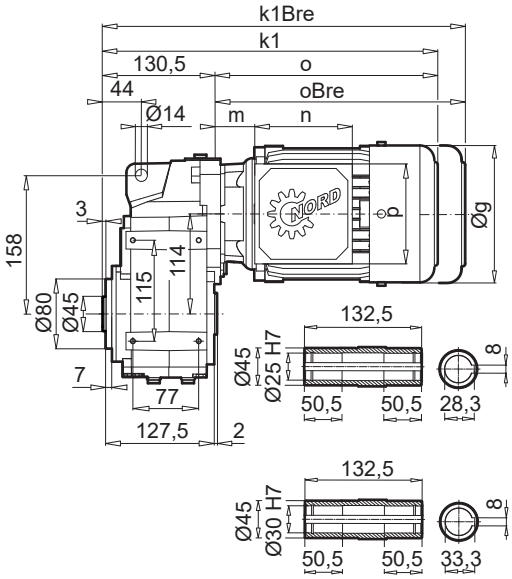
	63 SP/LP	71 SP/LP	80 SP/LP		
g	130	145	164		
g1 / g1Bre	116 / 123	124 / 133	142 / 142		
k / kBre	359 / 415	399 / 457	424 / 488)		
k1 / k1Bre	309 / 365	349 / 407	374 / 438		
o / oBre	196 / 252	236 / 294	261 / 325		
m / mBre	16 / 22	42 / 48	47 / 50		
n / nBre	100 / 134	100 / 134	114 / 153		
p / pBre	100 / 89	100 / 89	114 / 108		

W ⇨🕮 26

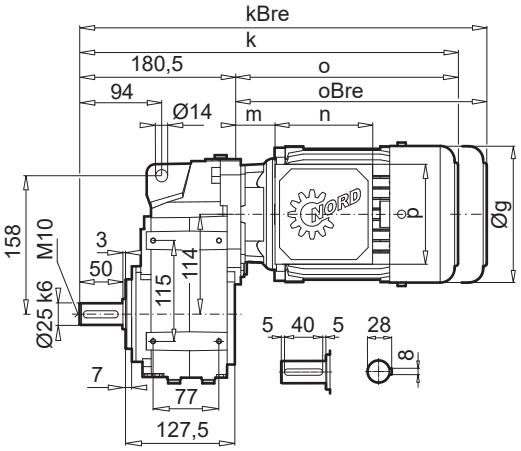
IEC ⇨🕮 27

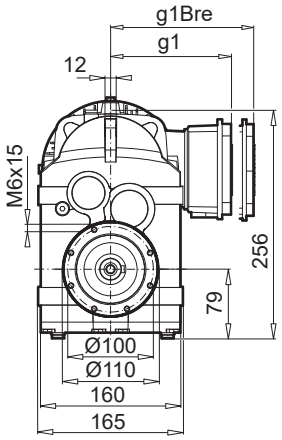


SK 0282.1 AXZN

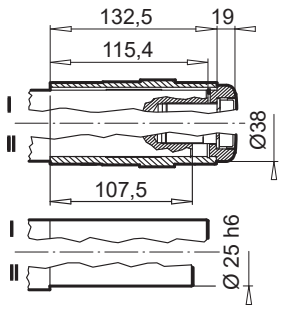


SK 0282.1 VXZN

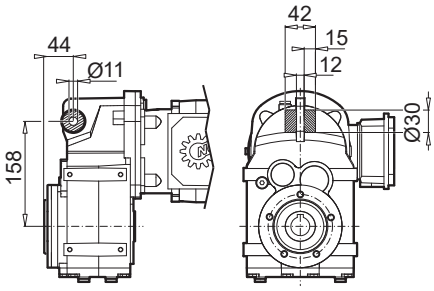




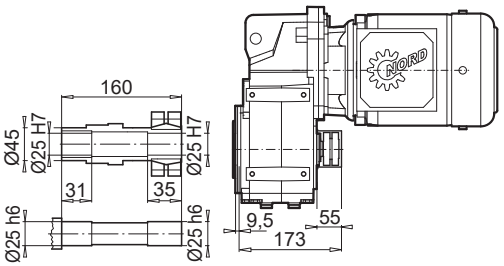
SK 0282.1 AXZ(N)**B**



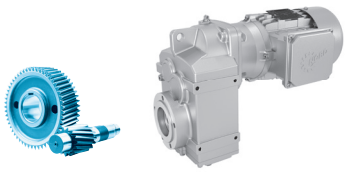
SK 0282.1 AXZ(N)**G** / VXZ(N)**G**



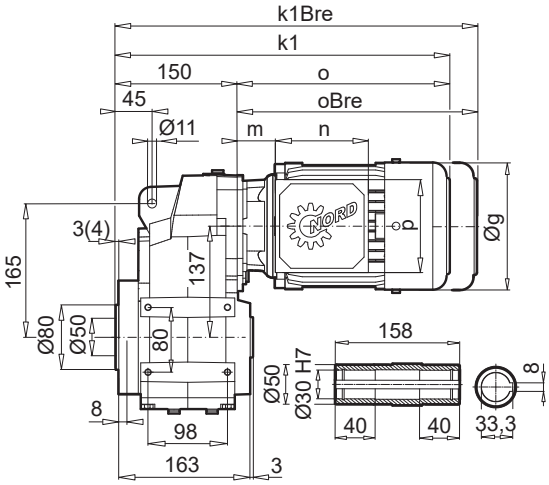
SK 0282.1 AXZ **SH**



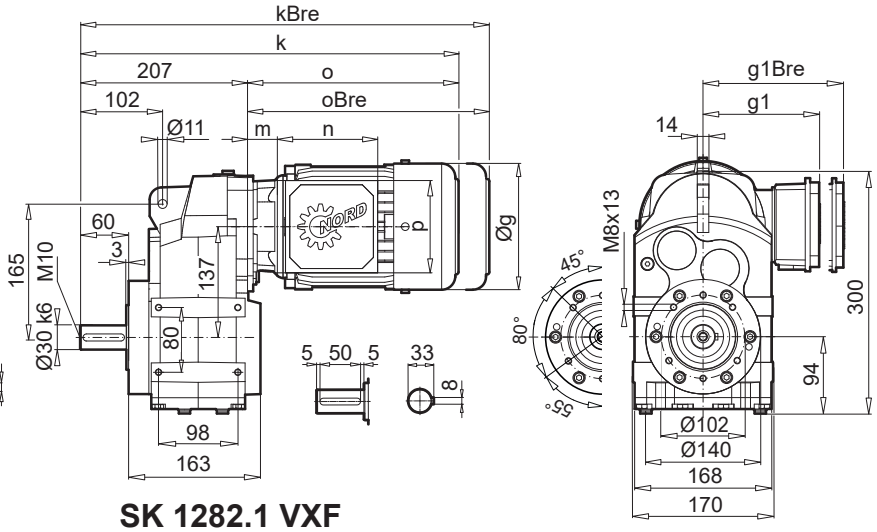
	63 SP/LP	71 SP/LP	80 SP/LP	90 SP/LP	
g	130	145	164	164	
g1 / g1Bre	116 / 123	124 / 133	142 / 142	147 / 147	W ⇨📖 26
k / kBre	376,5 / 432,5	416,5 / 474,5	441,5 / 491,5	482,5 / 547,5	
k1 / k1Bre	326,5 / 382,5	366,5 / 424,5	391,5 / 455,5	432,5 / 507,5	
o / oBre	196 / 252	236 / 294	261 / 325	302 / 377	
m / mBre	16 / 22	42 / 48	47 / 50	52 / 55	IEC ⇨📖 27
n / nBre	100 / 134	100 / 134	114 / 153	114 / 153	
p / pBre	100 / 89	100 / 89	114 / 108	114 /108	



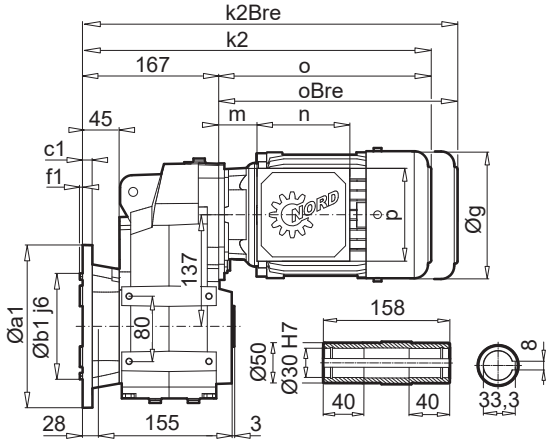
SK 1282.1 AXZ



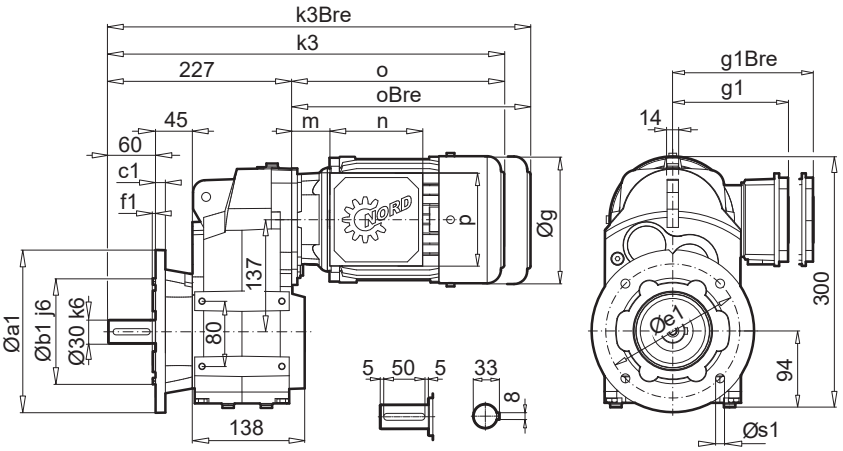
SK 1282.1 VXZ



SK 1282.1 AXF

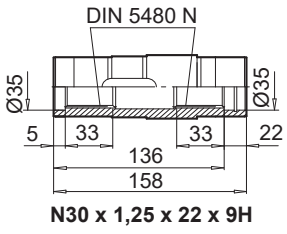


SK 1282.1 VXF

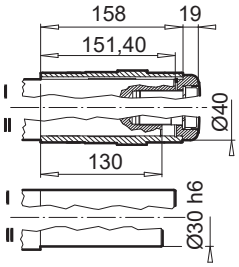


a1	b1	c1	e1	f1	s1
200	130	12	165	3,5	4 x 11,0

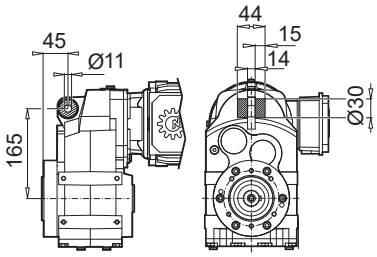
SK 1282.1 **EA**



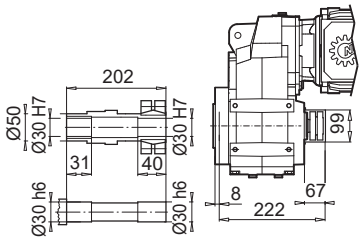
SK 1282.1 AXF**B** / AXZ**B**



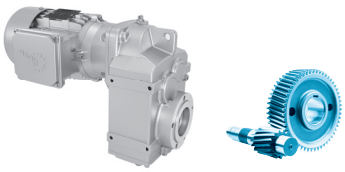
SK 1282.1 AXZ**G** / VXZ**G**



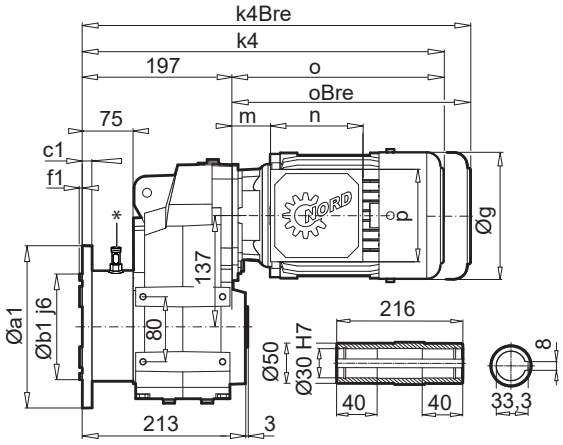
SK 1282.1 AXZ**SH**



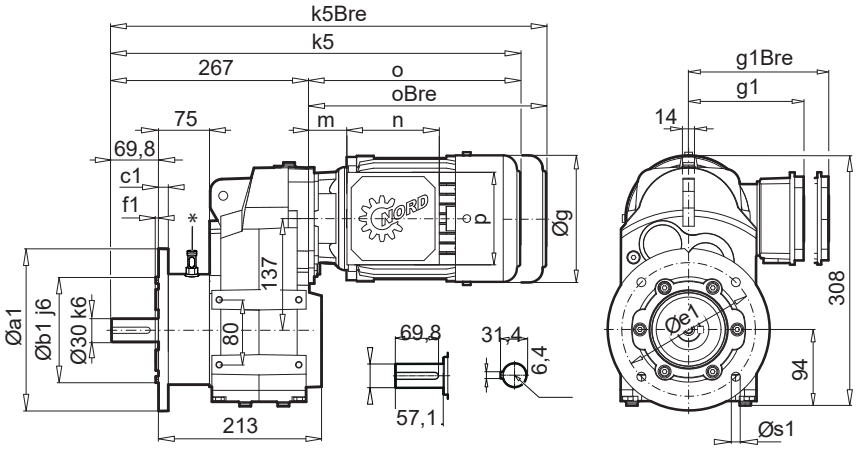
	63 SP/LP	71 SP/LP	80 SP/LP	90 SP/LP	100 LP/AP	112 MP	
g	130	145	164	184	202	226	
g1 / g1Bre	116 / 123	124 / 133	142 / 142	147 / 147	169 / 172	179 / 182	
k / kBre	403 / 459	443 / 501	468 / 532	509 / 584	539 / 630	562 / 656	W ⇨📖26
k1 / k1Bre	346 / 402	386 / 444	411 / 475	452 / 527	482 / 573	505 / 599	
k2 / k2Bre	364 / 420	403 / 462	428 / 493	470 / 545	500 / 590	522 / 616	
k3 / k3Bre	423 / 479	463 / 521	488 / 552	530 / 604	560 / 650	582 / 676	
o / oBre	196 / 252	236 / 294	261 / 325	302 / 377	332 /423	355 /449	IEC ⇨📖27
m / mBre	16 / 22	42 / 48	47 / 50	52 / 55	58 / 62	64 / 67	
n / nBre	100 / 134	100 / 134	114 / 153	114 / 153	114 / 153	114 / 153	
p / pBre	100 / 89	100 / 89	114 / 108	114 / 108	114 / 108	114 / 108	



SK 1282.1 AXF VL2 / VL3



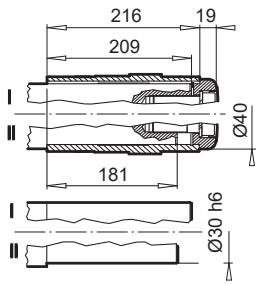
SK 1282.1 VXF VL2 / VL3



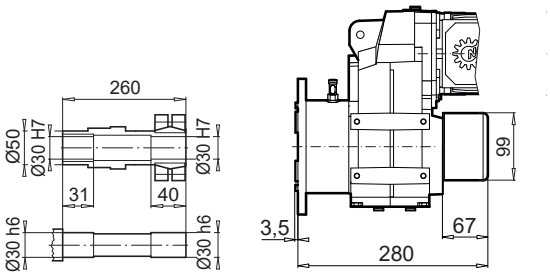
* Oil leak indicator or oil sensor for option VL3

a1	b1	c1	e1	f1	s1
200	130	12	165	3,5	4 x 11,0

SK 1282.1 AXF VL2/3 **B**

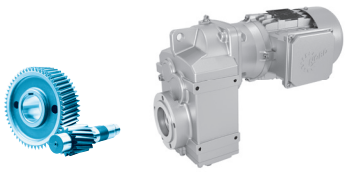


SK 1282.1 AXF VL2/3 **SH**

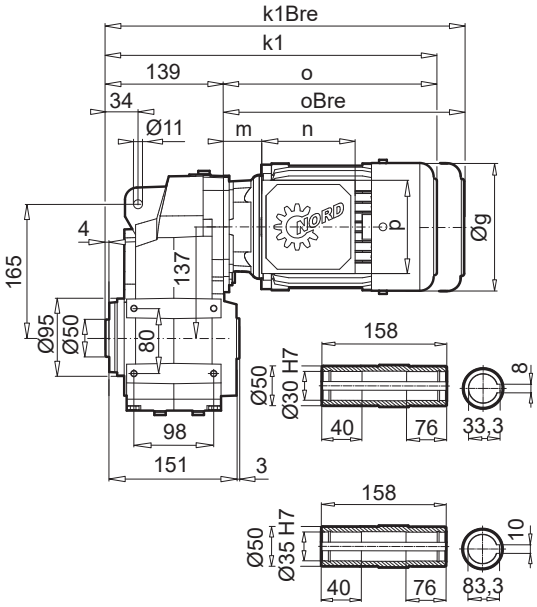


	63 SP/LP	71 SP/LP	80 SP/LP	90 SP/LP	100 LP/AP	112 MP	
g	130	145	164	184	202	226	
g1 / g1Bre	116 / 123	124 / 133	142 / 142	147 / 147	169 / 172	179 / 182	W ⇨📖26
k4 / k4Bre	393 / 449	433 / 491	458 / 522	499 / 574	529 / 620	552 / 646	
k5 / k5Bre	463 / 519	503 / 561	528 / 592	570 / 644	600 / 690	622 / 716	
o / oBre	196 / 252	236 / 294	261 / 325	302 / 377	332 / 423	355 / 449	IEC ⇨📖27
m / mBre	16 / 22	42 / 48	47 / 50	52 / 55	58 / 62	64 / 67	
n / nBre	100 / 134	100 / 134	114 / 153	114 / 153	114 / 153	114 / 153	
p / pBre	100 / 89	100 / 89	114 / 108	114 / 108	114 / 108	114 / 108	

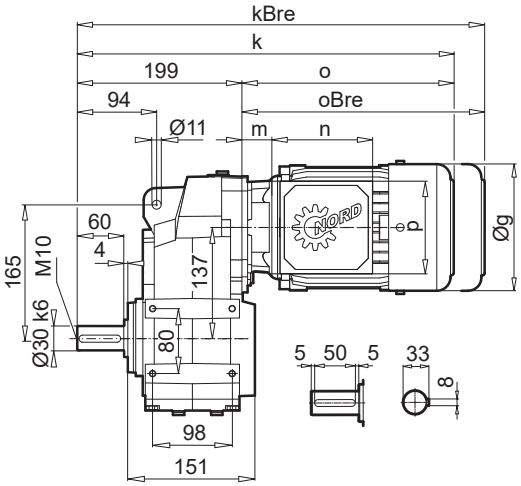
SK 1282.1 ... N

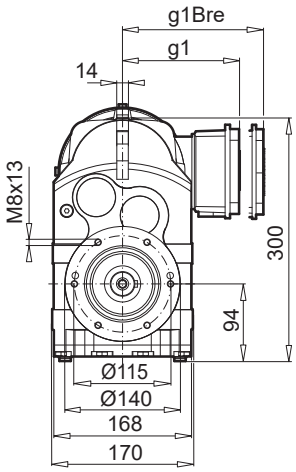


SK 1282.1 AXZN

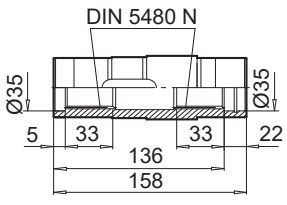


SK 1282.1 VXZN



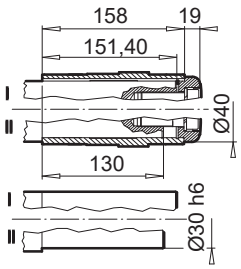


SK 1282.1 **EA**

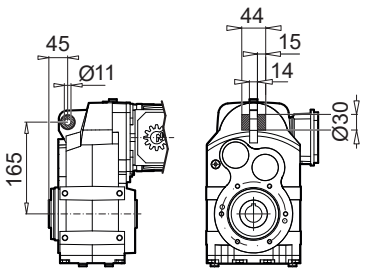


N30 x 1,25 x 22 x 9H

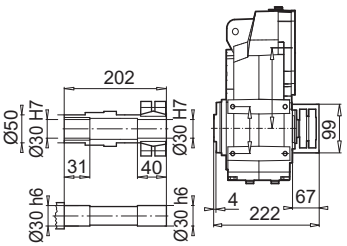
SK 1282.1 AXZ(N)**B**



SK 1282.1 AXZ(N)**G** / VXZ(N)**G**

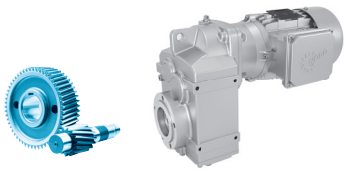


SK 1282.1 AXZ(N)**SH**

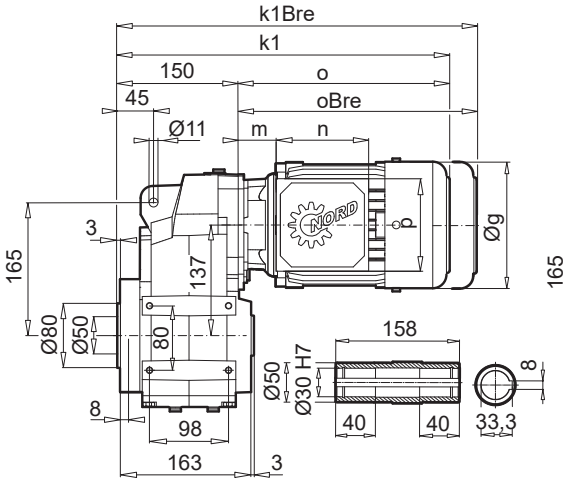


	63 SP/LP	71 SP/LP	80 SP/LP	90 SP/LP	100 LP/AP	112 MP	
g	130	145	164	184	202	226	
g1 / g1Bre	116 / 123	124 / 133	142 / 142	147 / 147	169 / 172	179 / 182	
k / kBre	395 / 451	435 / 493	460 / 524	501 / 576	531 / 622	554 / 648	
k1 / k1Bre	335 / 391	375 / 433	400 / 464	441 / 516	471 / 562	494 / 588	W ⇨📖26
k2 / k2Bre	364 / 420	403 / 462	428 / 493	470 / 545	500 / 590	522 / 616	
k3 / k3Bre	423 / 479	463 / 521	488 / 552	530 / 604	560 / 650	582 / 676	
o / oBre	196 / 252	236 / 294	261 / 325	302 / 377	332 /423	355 /449	IEC ⇨📖27
m / mBre	16 / 22	42 / 48	47 / 50	52 / 55	58 / 62	64 / 67	
n / nBre	100 / 134	100 / 134	114 / 153	114 / 153	114 / 153	114 / 153	
p / pBre	100 / 89	100 / 89	114 / 108	114 / 108	114 / 108	114 / 108	

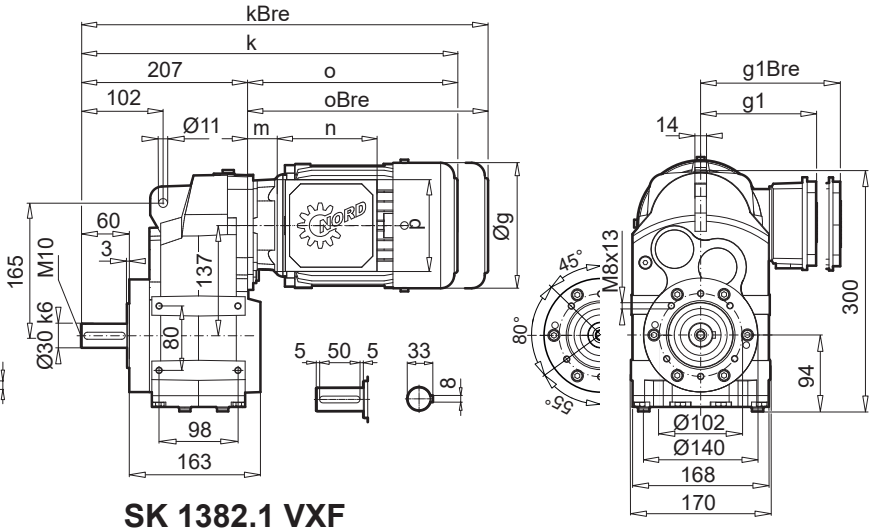
Notes



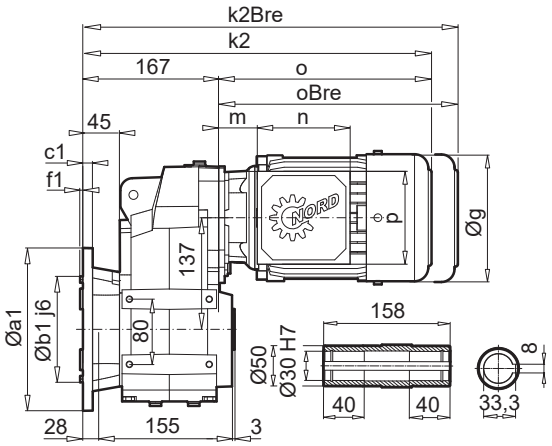
SK 1382.1 AXZ



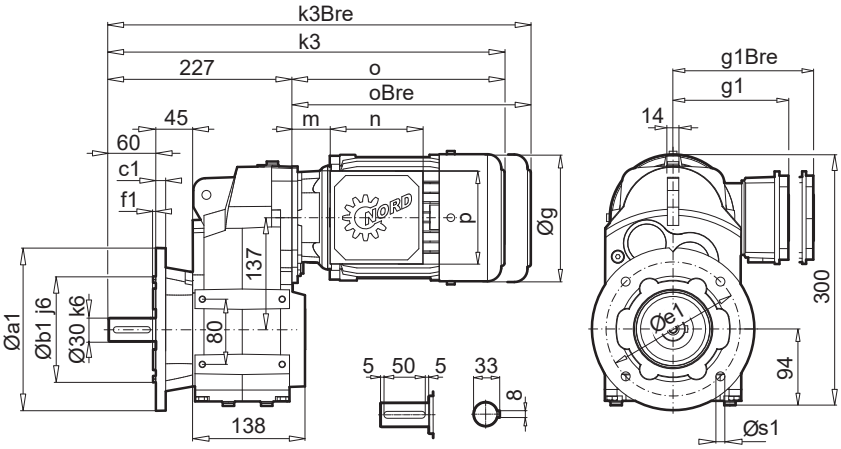
SK 1382.1 VXZ



SK 1382.1 AXF

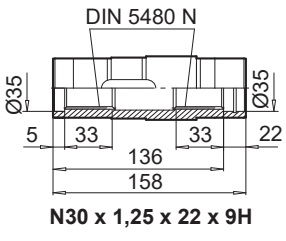


SK 1382.1 VXF



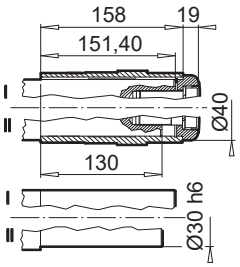
a1	b1	c1	e1	f1	s1
200	130	12	165	3,5	4 x 11,0

SK 1382.1 **EA**

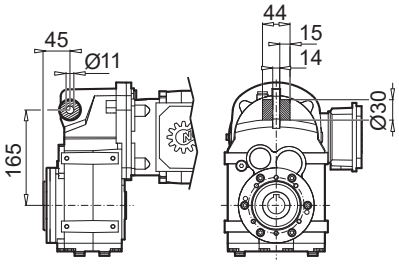


N30 x 1,25 x 22 x 9H

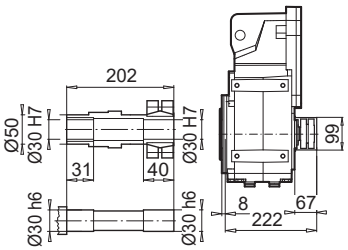
SK 1382.1 AXF**B** / AXZ**B**



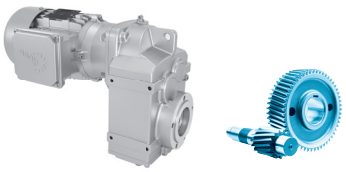
SK 1382.1 AXZ**G** / VXZ**G**



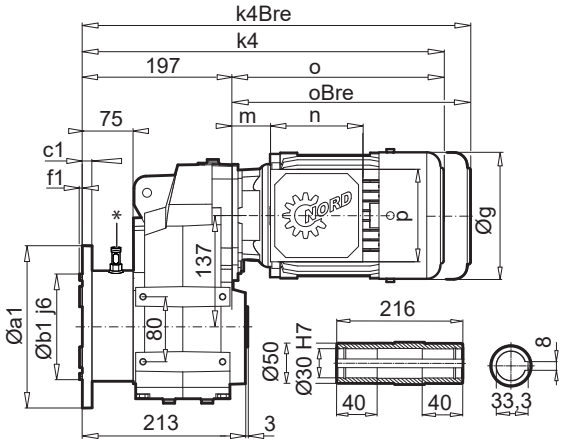
SK 1382.1 AXZ**SH**



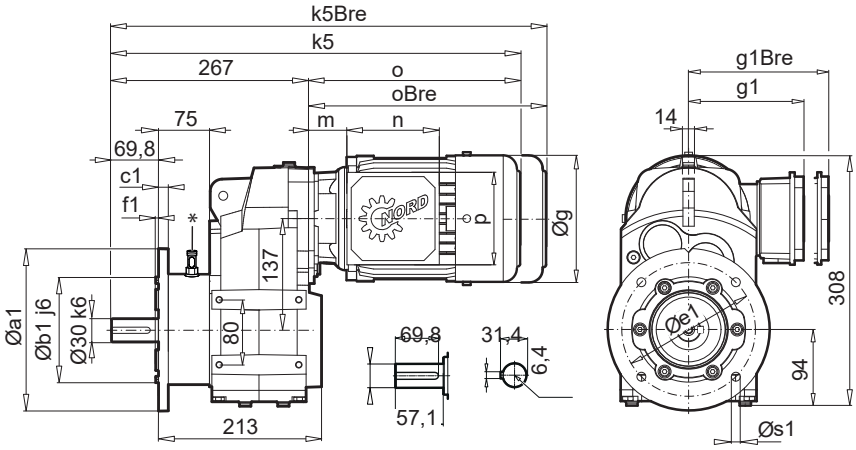
	63 SP/LP	71 SP/LP	80 SP/LP	90 SP/LP	100 LP/AP	
g	130	145	164	184	202	
g1 / g1Bre	116 / 123	124 / 133	142 / 142	147 / 147	169 / 172	
k / kBre	403 / 459	443 / 501	468 / 532	509 / 584	539 / 630	
k1 / k1Bre	346 / 402	386 / 444	411 / 475	452 / 527	482 / 573	W ⇨📖26
k2 / k2Bre	364 / 420	403 / 462	428 / 493	470 / 545	500 / 590	
k3 / k3Bre	423 / 479	463 / 521	488 / 552	530 / 604	560 / 650	
o / oBre	196 / 252	236 / 294	261 / 325	302 / 377	332 / 423	IEC ⇨📖27
m / mBre	16 / 22	42 / 48	47 / 50	52 / 55	58 / 62	
n / nBre	100 / 134	100 / 134	114 / 153	114 / 153	114 / 153	
p / pBre	100 / 89	100 / 89	114 / 108	114 / 108	114 / 108	



SK 1382.1 AXF VL2 / VL3



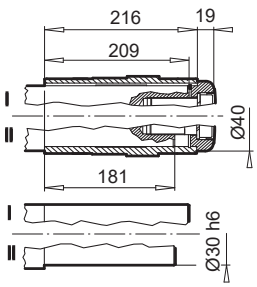
SK 1382.1 VXF VL2 / VL3



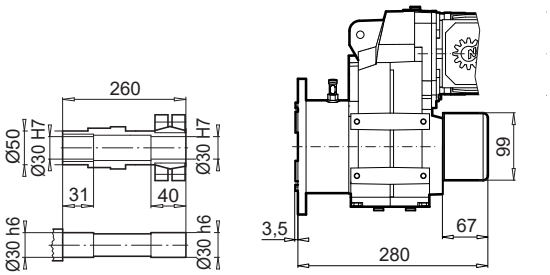
* Oil leak indicator or oil sensor for option VL3

a1	b1	c1	e1	f1	s1
200	130	12	165	3,5	4 x 11,0

SK 1382.1 AXF VL2/3 **B**

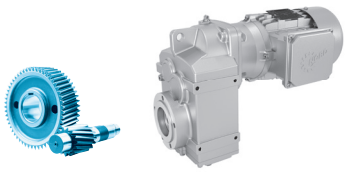


SK 1382.1 AXF VL2/3 **SH**

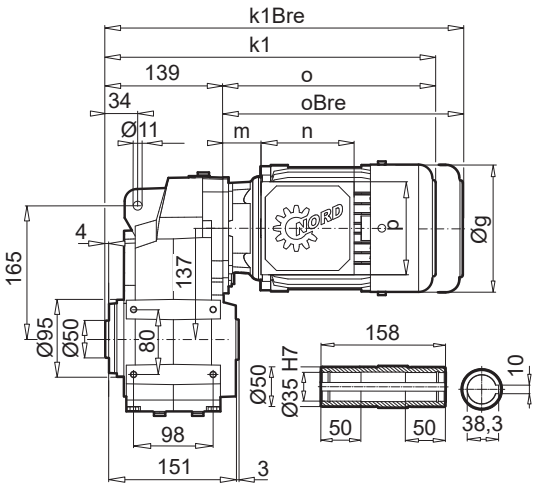


	63 SP/LP	71 SP/LP	80 SP/LP	90 SP/LP	100 LP/AP	112 MP	
g	130	145	164	184	202	226	
g1 / g1Bre	116 / 123	124 / 133	142 / 142	147 / 147	169 / 172	179 / 182	
k4 / k4Bre	393 / 449	433 / 491	458 / 522	499 / 574	529 / 620	552 / 646	W ⇨📖26
k5 / k5Bre	463 / 519	503 / 561	528 / 592	570 / 644	600 / 690	622 / 716	
o / oBre	196 / 252	236 / 294	261 / 325	302 / 377	332 / 423	355 / 449	IEC ⇨📖27
m / mBre	16 / 22	42 / 48	47 / 50	52 / 55	58 / 62	64 / 67	
n / nBre	100 / 134	100 / 134	114 / 153	114 / 153	114 / 153	114 / 153	
p / pBre	100 / 89	100 / 89	114 / 108	114 / 108	114 / 108	114 / 108	

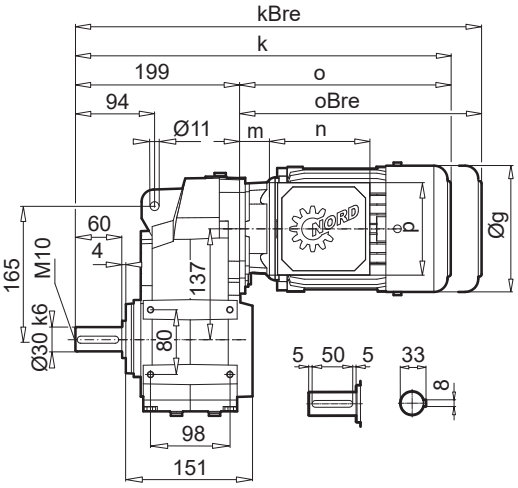
SK 1382.1 ... N

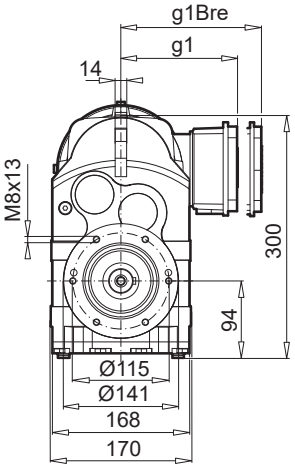


SK 1382.1 AXZN

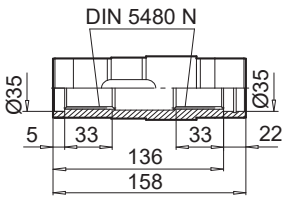


SK 1382.1 VXZN



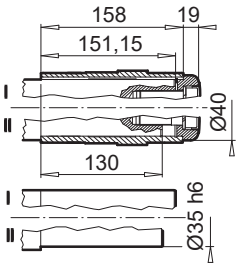


SK 1382.1 **EA**

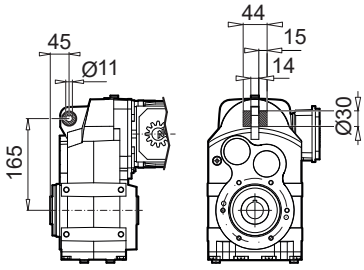


N30 x 1,25 x 22 x 9H

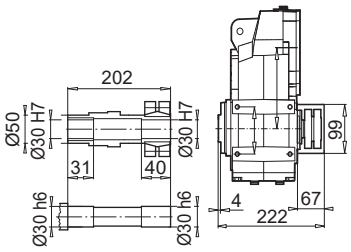
SK 1382.1 AXF**B** / AXZ(N)**B**



SK 1382.1 AXZ(N)**G** / VXZ(N)**G**

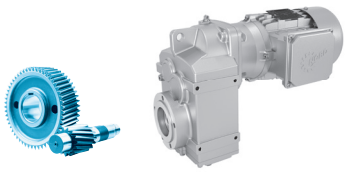


SK 1382.1 AXZ(N)**SH**

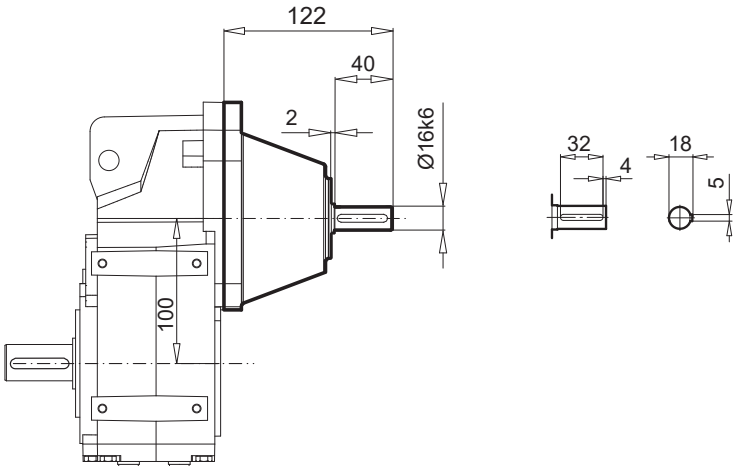


	63 SP/LP	71 SP/LP	80 SP/LP	90 SP/LP	100 LP/AP		
g	130	145	164	184	202		W ⇨📖26 IEC ⇨📖27
g1 / g1Bre	116 / 123	124 / 133	142 / 142	147 / 147	169 / 172		
k / kBre	403 (395) / 459 (451)	443 (435) / 501 (493)	468 (460) / 532 (524)	509 (501) / 584 (576)	539 (531) / 630 (622)		
k1 / k1Bre	346 (335) / 402 (391)	386 (375) / 444 (433)	411 (400) / 475 (464)	452 (441) / 527 (516)	482 (471) / 573 (562)		
k2 / k2Bre	364 / 420	403 / 462	428 / 493	470 / 545	500 / 590		
k3 / k3Bre	423 / 479	463 / 521	488 / 552	530 / 604	560 / 650		
o / oBre	196 / 252	236 / 294	261 / 325	302 / 377	332 / 423		
m / mBre	16 / 22	42 / 48	47 / 50	52 / 55	58 / 62		
n / nBre	100 / 134	100 / 134	114 / 153	114 / 153	114 / 153		
p / pBre	100 / 89	100 / 89	114 / 108	114 / 108	114 / 108		

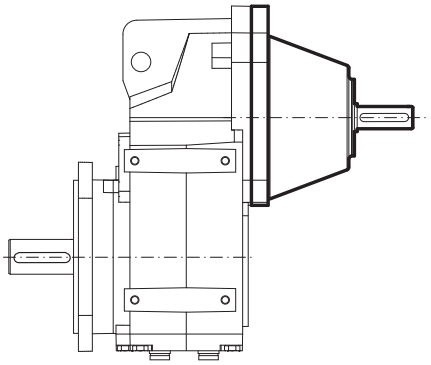
Notes



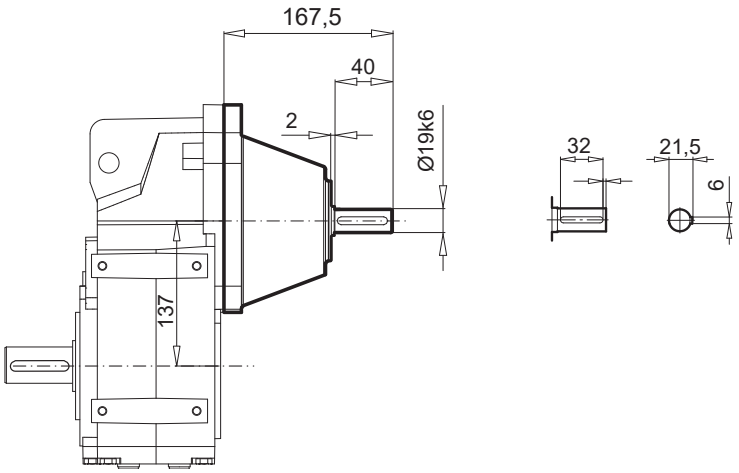
SK 0182.1 , SK 0282.1 VXZ (AXZ)



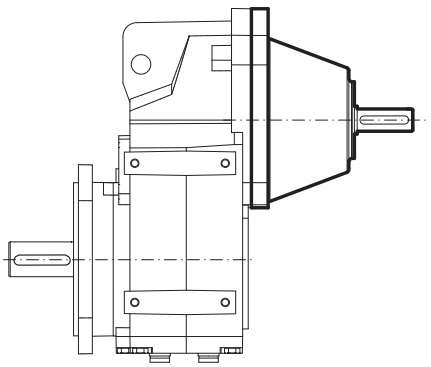
SK 0182.1 , SK 0282.1 VXF (AXF)



SK 1282.1 , SK 1382.1 VXZ (AXZ)

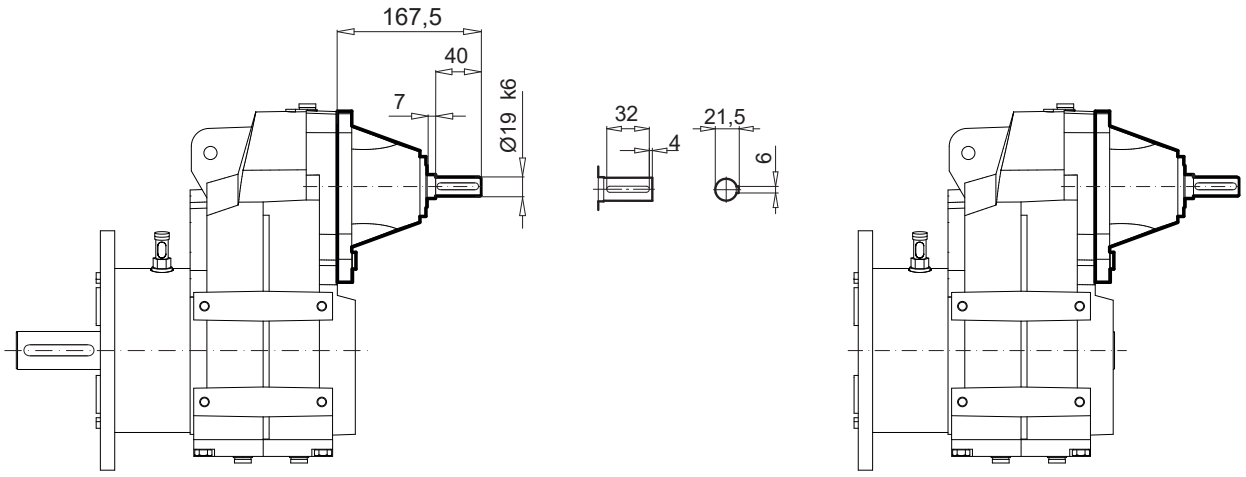


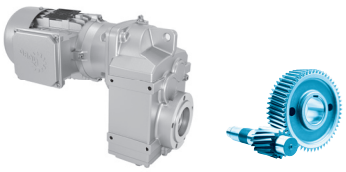
SK 1282.1 , SK 1382.1 VXF (AXF)



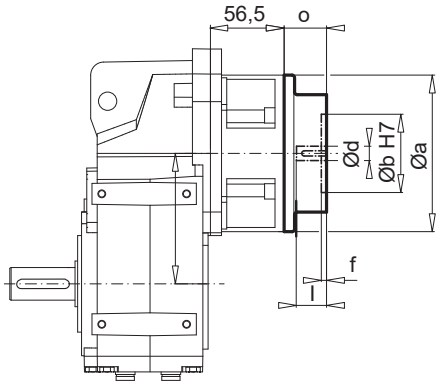
VL2 / VL3

SK 1282.1 , SK 1382.1 VXF (AXF)

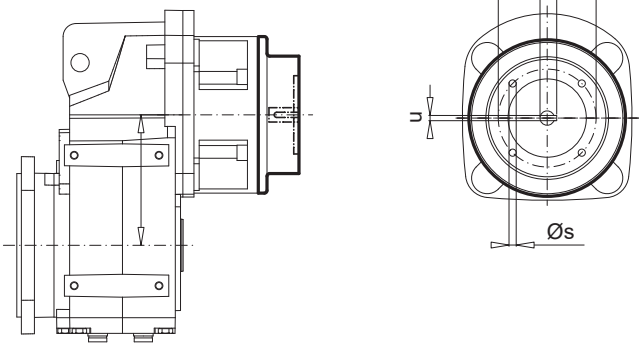




SK 0182.1 , SK 0282.1 VXZ (AXZ)
SK 1282.1 , SK 1382.1 VXZ (AXZ)



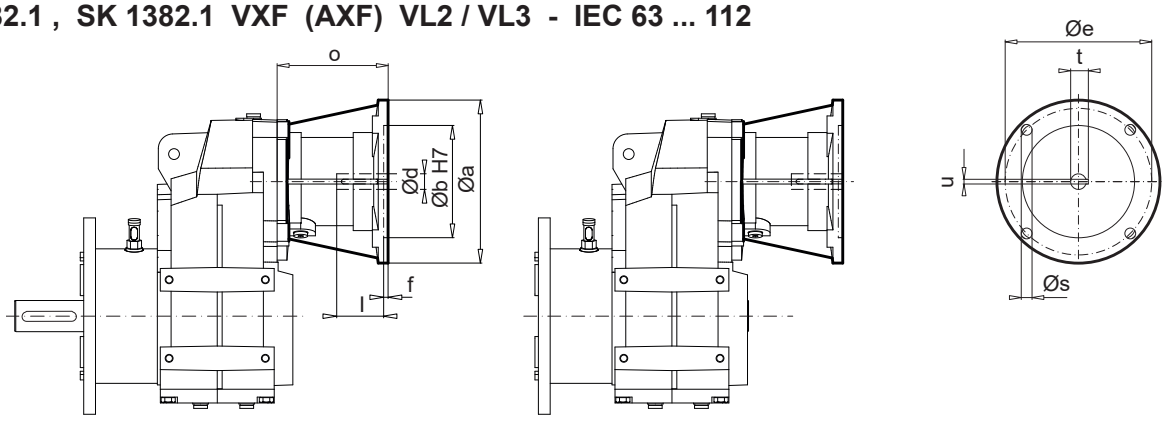
VXF (AXF) - IEC 63 ... 90
VXF (AXF) - IEC 63 ... 112



IEC	Ø a	Ø b	Ø e	f	Ø s	o	Ø d	l	t	u
IEC 63 - C90	120	60	75	4	5,5	32,5	11	23	12,8	4
IEC 63 - C120	120	80	100	4	6,6	32,5				
IEC 63 - A140	140	95	115	4	9	32,5				
IEC 71 - C105	120	70	85	4	7	32,5	14	30	16,3	5
IEC 71 - C140	140	95	115	4	9	32,5				
IEC 71 - A160	160	110	130	4	9	32,5				
IEC 80 - C120	120	80	100	4	6,6	32,5	19	40	21,8	6
IEC 80 - C160	160	110	130	4	9	32,5				
IEC 80 - A200	200	130	165	4	10	32,5				
IEC 90 - C140	140	95	115	4	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	10	45,5				
IEC 100 - C160	160	110	130	5	9	36	28	60	31,3	8
IEC 100 - C200	200	130	165	5	9	36				
IEC 100 - A250	250	180	215	5	12	36				
IEC 112 - C160	160	110	130	5	9	36	28	60	31,3	8
IEC 112 - C200	200	130	165	5	9	36				
IEC 112 - A250	250	180	215	5	12	32,5				

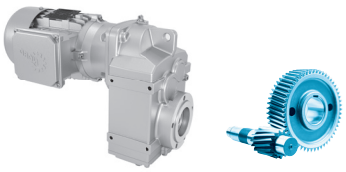
VL2 / VL3

SK 1282.1 , SK 1382.1 VXF (AXF) VL2 / VL3 - IEC 63 ... 112



IEC	Ø a	Ø b	Ø e	f	Ø s	o	Ø d	l	t	u
IEC 63	140	95	115	4	8	84,5	11	23	12,8	4
IEC 71	160	110	130	4,5	8	88,5	14	30	16,3	5
IEC 80	200	130	165	4,5	10	106	19	40	21,8	6
IEC 90	200	130	165	4,5	10	106	24	50	27,3	8
IEC 100	250	180	215	5	12	125	28	60	31,3	8
IEC 112	250	180	215	5	12	125	28	60	31,3	8

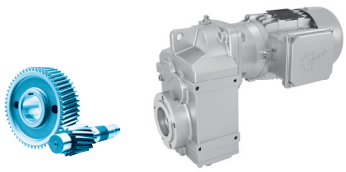
Notes



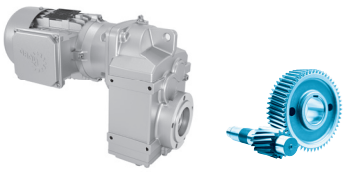
imperial 60 Hz
0.16 hp
0.25 hp

P_1 [hp]	n_2 [rpm]	M_2 [lb-in]	f_B	i_{ges}	F_R [lb]	F_A [lb]	$F_{R\ VL}$ [lb]	$F_{A\ VL}$ [lb]	Type	lbs
0.16	4.7	2123	1.5	356.89	1370	1620	2000	1620	**SK 1382.1 - 63 SP/4**	40
	5.6	1811	1.8	304.47	1420	1620	2030	1620		
	5.9	1710	2.1	287.37	1430	1620	2040	1620		
	6.9	1459	2.4	245.16	1460	1620	2060	1620		
	9.5	1066	3.3	179.22	1500	1620	2090	1620		
0.16	6.9	1470	1.1	247.02	1500	1120			**SK 0282.1 - 63 SP/4**	27
	7.4	1357	1.3	228.16	1510	1120				
	8.4	1200	1.5	201.65	1530	1120				
	8.9	1134	1.6	190.64	1530	1120				
	11	960	1.8	161.34	1550	1120				
	12	839	2.1	140.98	1550	1120				
	13	755	2.3	126.98	1560	1120				
	15	660	2.7	110.96	1560	1120				
	16	618	2.9	103.89	1570	1120				
	18	550	3.2	92.51	1570	1120				
	22	450	3.9	75.69	1570	1120				
	25	397	4.5	66.66	1520	1120				
	32	316	5.0	53.03	1410	1120				
0.16	11	880	1.1	147.93	1100	1300			**SK 0182.1 - 63 SP/4**	22
	11	913	1.1	153.54	1100	1300				
	13	783	1.2	131.56	1110	1300				
	15	661	1.5	111.02	1120	1300				
	18	566	1.7	95.13	1120	1300				
	20	516	1.9	86.80	1120	1300				
	23	445	2.2	74.73	1120	1300				
	26	381	2.6	64.03	1120	1300				
	29	348	3.3	58.43	1120	1300				
	34	294	3.9	49.46	1120	1300				
	39	262	4.4	43.98	1120	1300				
	44	230	5.0	38.61	1100	1300				
0.25	4.8	3298	1.0	356.89	1090	1620	1820	1620	**SK 1382.1 - 63 LP/4**	42
	5.6	2814	1.1	304.47	1230	1620	1900	1620		
	5.9	2656	1.3	287.37	1270	1620	1930	1620		
	7	2266	1.6	245.16	1350	1620	1980	1620		
	9.5	1656	2.1	179.22	1440	1620	2050	1620		

60 Hz imperial
0.25 hp
0.33 hp



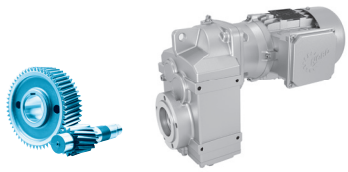
P_1 [hp]	n_2 [rpm]	M_2 [lb-in]	f_B	i_{ges}	F_R [lb]	F_A [lb]	$F_{R\ VL}$ [lb]	$F_{A\ VL}$ [lb]	Type	lbs
0.25	7.5	2108	0.8	228.16	1420	1120			**SK 0282.1 - 63 LP/4**	29
	8.5	1864	0.9	201.65	1450	1120				
	8.9	1762	1.0	190.64	1470	1120				
	11	1491	1.2	161.34	1500	1120				
	12	1303	1.4	140.98	1520	1120				
	13	1173	1.5	126.98	1530	1120				
	15	1025	1.7	110.96	1540	1120				
	16	960	1.8	103.89	1550	1120				
	18	855	2.1	92.51	1550	1120				
	23	699	2.5	75.69	1520	1120				
	26	616	2.9	66.66	1470	1120				
	32	490	3.3	53.03	1370	1120				
	39	405	4.4	43.78	1300	1120				
	45	352	5.0	38.14	1250	1120				
0.25	13	1216	0.8	131.56	1050	1300			**SK 0182.1 - 63 LP/4**	24
	15	1026	0.9	111.02	1080	1300				
	18	879	1.1	95.13	1100	1300				
	20	802	1.2	86.80	1110	1300				
	23	691	1.4	74.73	1120	1300				
	27	592	1.6	64.03	1120	1300				
	29	540	2.1	58.43	1120	1300				
	34	457	2.5	49.46	1120	1300				
	39	406	2.8	43.98	1100	1300				
	44	357	3.2	38.61	1060	1300				
	50	315	3.6	34.13	1030	1300				
	54	294	3.9	31.80	1010	1300				
	61	258	4.5	27.92	970	1300				
	69	228	5.0	24.68	940	1300				
0.33	5.7	3671	0.9	304.47	790	1620	1740	1620	**SK 1382.1 - 71 SP/4**	45
	6	3465	1.0	287.37	990	1620	1780	1620		
	7	2956	1.2	245.16	1190	1620	1880	1620		
	7.9	2624	1.3	217.62	1280	1620	1930	1620		
	9.6	2161	1.6	179.22	1370	1620	1990	1620		
	11	1918	1.8	159.09	1400	1620	2020	1620		
	13	1636	2.2	135.72	1440	1620	2050	1620		
	25	826	4.3	68.50	1520	1620	2100	1620		
	29	727	4.9	60.26	1520	1620	2100	1620		



imperial 60 Hz
0.33 hp
0.50 hp

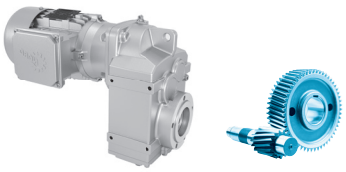
P_1 [hp]	n_2 [rpm]	M_2 [lb-in]	f_B	i_{ges}	F_R [lb]	F_A [lb]	$F_{R\,VL}$ [lb]	$F_{A\,VL}$ [lb]	Type	lbs
0.33	9	2299	0.8	190.64	1390	1120			**SK 0282.1 - 71 SP/4**	32
	11	1945	0.9	161.34	1440	1120				
	12	1700	1.0	140.98	1480	1120				
	14	1531	1.2	126.98	1500	1120				
	16	1338	1.3	110.96	1520	1120				
	17	1253	1.4	103.89	1520	1120				
	19	1115	1.6	92.51	1540	1120				
	23	913	1.9	75.69	1470	1120				
	26	804	2.2	66.66	1420	1120				
	33	639	2.5	53.03	1330	1120				
	39	528	3.4	43.78	1270	1120				
	45	460	3.8	38.14	1220	1120				
	52	403	4.4	33.44	1180	1120				
	58	356	5.0	29.56	1140	1120				
0.33	18	1147	0.8	95.13	1060	1300			**SK 0182.1 - 71 SP/4**	27
	20	1047	0.9	86.80	1080	1300				
	23	901	1.1	74.73	1100	1300				
	27	772	1.3	64.03	1110	1300				
	30	704	1.6	58.43	1120	1300				
	35	596	1.9	49.46	1100	1300				
	39	530	2.2	43.98	1070	1300				
	45	465	2.5	38.61	1040	1300				
	51	411	2.8	34.13	1000	1300				
	54	383	3.0	31.80	980	1300				
	62	337	3.4	27.92	950	1300				
	70	298	3.9	24.68	920	1300				
	77	270	3.9	22.43	890	1300				
	87	239	4.4	19.83	860	1300				
0.50	7	4479	0.8	245.16	-	1620	1520	1620	**SK 1382.1 - 71 LP/4**	48
	7.9	3976	0.9	217.62	180	1620	1670	1620		
	9.6	3274	1.1	179.22	1100	1620	1820	1620		
	11	2906	1.2	159.09	1210	1620	1890	1620		
	13	2479	1.4	135.72	1310	1620	1950	1620		
	25	1251	2.8	68.50	1480	1620	2080	1620		
	29	1101	3.2	60.26	1500	1620	2090	1620		
	32	992	3.6	54.32	1480	1620	2090	1620		
	34	939	3.8	51.41	1460	1620	2090	1620		
	39	807	4.4	44.19	1410	1620	2100	1620		
	45	706	5.0	38.67	1360	1620	2100	1620		

60 Hz imperial
0.50 hp
0.75 hp



DRIVESYSTEMS

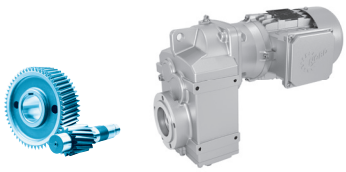
P_1 [hp]	n_2 [rpm]	M_2 [lb-in]	f_B	i_{ges}	F_R [lb]	F_A [lb]	$F_{R\ VL}$ [lb]	$F_{A\ VL}$ [lb]	Type	lbs
0.50	14	2320	0.8	126.98	1380	1120			**SK 0282.1 - 71 LP/4**	34
	16	2027	0.9	110.96	1430	1120				
	17	1898	0.9	103.89	1450	1120				
	19	1690	1.0	92.51	1420	1120				
	23	1383	1.3	75.69	1370	1120				
	26	1218	1.5	66.66	1340	1120				
	33	969	1.6	53.03	1260	1120				
	39	800	2.2	43.78	1220	1120				
	45	697	2.5	38.14	1180	1120				
	52	611	2.9	33.44	1140	1120				
	58	540	3.3	29.56	1100	1120				
	66	481	3.7	26.32	1070	1120				
	80	393	4.5	21.53	1010	1120				
0.50	27	1170	0.8	64.03	1060	1300			**SK 0182.1 - 71 LP/4**	29
	30	1067	1.1	58.43	1070	1300				
	35	904	1.3	49.46	1030	1300				
	39	803	1.4	43.98	1010	1300				
	45	705	1.6	38.61	980	1300				
	51	623	1.8	34.13	950	1300				
	54	581	2.0	31.80	940	1300				
	62	510	2.3	27.92	910	1300				
	70	451	2.6	24.68	880	1300				
	77	410	2.6	22.43	860	1300				
	87	362	2.9	19.83	830	1300				
	106	297	3.9	16.24	790	1300				
	121	260	4.4	14.25	760	1300				
	132	238	4.8	13.05	740	1290				
0.75	11	4334	0.8	159.09	-	1620	1570	1620	**SK 1382.1 - 80 SP/4**	53
	13	3698	1.0	135.72	750	1620	1730	1620		
	14	3311	1.1	121.52	1090	1620	1820	1620		
	17	2825	1.3	103.68	1230	1620	1900	1620		
	18	2649	1.3	97.22	1270	1620	1930	1620		
	21	2260	1.6	82.94	1350	1620	1980	1620		
	25	1866	1.9	68.50	1410	1620	2030	1620		
	29	1642	2.2	60.26	1420	1620	2050	1620		
	32	1480	2.4	54.32	1390	1620	2060	1620		
	34	1401	2.5	51.41	1370	1620	2070	1620		
	39	1204	2.9	44.19	1330	1620	2080	1620		
	45	1053	3.4	38.67	1290	1620	2090	1620		
	53	899	3.9	32.99	1240	1620	2100	1620		
	61	778	4.6	28.54	1200	1620	2100	1620		



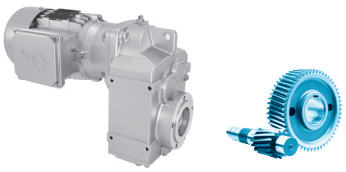
imperial 60 Hz
0.75 hp
1.00 hp

P_1 [hp]	n_2 [rpm]	M_2 [lb-in]	f_B	i_{ges}	F_R [lb]	F_A [lb]	$F_{R\,VL}$ [lb]	$F_{A\,VL}$ [lb]	Type	lbs
0.75	23	2062	0.9	75.69	1230	1120			**SK 0282.1 - 80 SP/4**	40
	26	1816	1.0	66.66	1210	1120				
	33	1445	1.1	53.03	1150	1120				
	40	1193	1.5	43.78	1130	1120				
	45	1039	1.7	38.14	1100	1120				
	52	911	1.9	33.44	1070	1120				
	59	805	2.2	29.56	1040	1120				
	66	717	2.5	26.32	1020	1120				
	81	587	3.0	21.53	970	1120				
	91	517	3.4	18.96	940	1120				
	95	497	3.6	18.24	930	1120				
	108	439	4.0	16.12	900	1120				
	121	391	4.5	14.36	870	1120				
0.75	35	1347	0.9	49.46	930	1300			**SK 0182.1 - 80 SP/4**	35
	39	1198	1.0	43.98	910	1300				
	45	1052	1.1	38.61	900	1300				
	51	930	1.2	34.13	880	1300				
	55	866	1.3	31.80	870	1300				
	62	761	1.5	27.92	850	1300				
	70	672	1.7	24.68	830	1300				
	77	611	1.7	22.43	810	1300				
	88	540	2.0	19.83	780	1300				
	107	442	2.6	16.24	750	1300				
	122	388	3.0	14.25	730	1280				
	133	356	3.2	13.05	710	1250				
	151	312	3.7	11.45	690	1200				
	171	276	4.2	10.13	660	1160				
	196	242	4.8	8.87	640	1120				
1.00	14	4427	0.8	121.52	-	1620	1540	1620	**SK 1382.1 - 80 LP/4**	55
	17	3777	0.9	103.68	650	1620	1720	1620		
	18	3542	1.0	97.22	920	1620	1770	1620		
	21	3022	1.2	82.94	1180	1620	1870	1620		
	25	2495	1.4	68.50	1300	1620	1950	1620		
	29	2195	1.6	60.26	1320	1620	1990	1620		
	32	1979	1.8	54.32	1300	1620	2010	1620		
	34	1873	1.9	51.41	1290	1620	2030	1620		
	39	1610	2.2	44.19	1260	1620	2050	1620		
	45	1409	2.5	38.67	1230	1620	2070	1620		
	52	1202	2.9	32.99	1190	1620	2080	1620		
	61	1040	3.4	28.54	1150	1620	2090	1620		
1.00	70	895	4.0	24.57	1110	1620	2100	1620	**SK 1282.1 - 80 LP/4**	58
	83	764	4.6	20.96	1070	1620	2100	1620		
	89	711	5.0	19.52	1050	1620	2100	1620		

60 Hz imperial
1.00 hp
1.50 hp



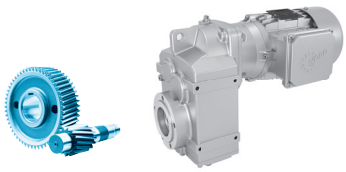
P_1 [hp]	n_2 [rpm]	M_2 [lb-in]	f_B	i_{ges}	F_R [lb]	F_A [lb]	$F_{R\,VL}$ [lb]	$F_{A\,VL}$ [lb]	Type	lbs
1.00	33	1932	0.8	53.03	1040	1120			**SK 0282.1 - 80 LP/4**	41
	40	1595	1.1	43.78	1050	1120				
	45	1389	1.3	38.14	1030	1120				
	52	1218	1.5	33.44	1010	1120				
	59	1077	1.6	29.56	990	1120				
	66	959	1.8	26.32	970	1120				
	80	784	2.3	21.53	930	1120				
	91	691	2.6	18.96	900	1120				
	95	664	2.7	18.24	890	1120				
	107	587	3.0	16.12	870	1120				
	121	523	3.4	14.36	840	1120				
	135	466	3.8	12.78	810	1120				
	153	412	4.3	11.30	790	1120				
	172	366	4.8	10.06	770	1120				
1.00	45	1406	0.8	38.61	820	1300			**SK 0182.1 - 80 LP/4**	36
	51	1243	0.9	34.13	810	1300				
	54	1159	1.0	31.80	800	1300				
	62	1017	1.1	27.92	790	1300				
	70	899	1.3	24.68	780	1300				
	77	817	1.3	22.43	760	1300				
	87	722	1.5	19.83	740	1300				
	107	592	1.9	16.24	720	1270				
	121	519	2.2	14.25	700	1230				
	133	475	2.4	13.05	680	1200				
	151	417	2.8	11.45	660	1170				
	171	369	3.1	10.13	640	1130				
	195	323	3.6	8.87	620	1100				
	211	298	3.9	8.18	610	1070				
	243	260	4.4	7.12	590	1030				
1.50	21	4506	0.8	82.94	-	1620	1510	1620	**SK 1382.1 - 90 SP/4**	65
	25	3721	1.0	68.50	720	1620	1730	1620		
	29	3274	1.1	60.26	1100	1620	1820	1620		
	32	2951	1.2	54.32	1120	1620	1880	1620		
	34	2793	1.3	51.41	1110	1620	1910	1620		
	39	2401	1.5	44.19	1110	1620	1960	1620		
	45	2101	1.7	38.67	1100	1620	2000	1620		
	53	1792	2.0	32.99	1070	1620	2030	1620		
	61	1551	2.3	28.54	1060	1620	2050	1620		
1.50	71	1335	2.7	24.57	1030	1620	2070	1620	**SK 1282.1 - 90 SP/4**	64
	83	1139	3.1	20.96	1000	1620	2080	1620		
	89	1061	3.3	19.52	990	1620	2090	1620		
	104	905	3.9	16.66	950	1620	2100	1620		
	127	746	4.7	13.74	910	1550	2100	1620		



imperial 60 Hz
1.50 hp
2.00 hp

P_1 [hp]	n_2 [rpm]	M_2 [lb-in]	f_B	i_{ges}	F_R [lb]	F_A [lb]	$F_{R\,VL}$ [lb]	$F_{A\,VL}$ [lb]	Type	lbs
1.50	46	2072	0.9	38.14	880	1120			**SK 0282.1 - 90 SP/4**	51
	52	1817	1.0	33.44	880	1120				
	59	1606	1.1	29.56	870	1120				
	66	1430	1.2	26.32	870	1120				
	81	1170	1.5	21.53	840	1120				
	92	1030	1.7	18.96	830	1120				
	95	991	1.8	18.24	820	1120				
	108	876	2.0	16.12	810	1120				
	121	780	2.3	14.36	790	1120				
	136	694	2.5	12.78	760	1120				
	154	614	2.9	11.30	740	1120				
	173	546	3.2	10.06	720	1120				
	190	498	3.6	9.18	710	1120				
	211	447	4.0	8.24	690	1120				
	255	371	4.8	6.82	660	1120				
	271	349	4.6	6.43	650	1120				
	318	297	4.8	5.47	620	1090				
2.00	29	4391	0.8	60.26	-	1620	1550	1620	**SK 1382.1 - 90 LP/4**	69
	32	3958	0.9	54.32	260	1620	1670	1620		
	34	3746	0.9	51.41	690	1620	1720	1620		
	39	3220	1.1	44.19	970	1620	1830	1620		
	45	2817	1.3	38.67	970	1620	1900	1620		
	52	2404	1.5	32.99	960	1620	1960	1620		
	61	2079	1.7	28.54	960	1620	2000	1620		
2.00	70	1790	2.0	5.22	3.2	5.2	9.4	7.2	**SK 1282.1 - 90 LP/4**	68
	83	1527	2.3	6.38	3.4	5.8	9.4	7.2		
	89	1423	2.5	7.47	3.5	6.0	9.4	7.2		
	104	1214	2.9	8.25	3.6	6.2	9.4	7.2		
	126	1001	3.5	9.67	3.8	6.4	9.3	7.2		
	142	888	4.0	10.88	3.8	6.6	9.3	7.2		
	159	792	4.5	12.19	3.9	6.7	9.3	7.2		
	179	705	4.5	13.74	4.0	6.9	9.2	7.2		
	210	601	4.7	16.66	4.1	7.1	9.2	7.2		
2.00	59	2153	0.8	29.56	760	1120			**SK 0282.1 - 90 LP/4**	55
	66	1918	0.9	26.32	770	1120				
	80	1569	1.1	21.53	760	1120				
	91	1382	1.3	18.96	760	1120				
	95	1329	1.3	18.24	750	1120				
	107	1175	1.5	16.12	740	1120				
	121	1046	1.7	14.36	730	1120				
	135	931	1.9	12.78	710	1120				
	153	823	2.2	11.30	700	1120				
	172	733	2.4	10.06	680	1120				
	189	667	2.7	9.18	680	1120				
	210	600	3.0	8.24	660	1120				
	254	497	3.6	6.82	640	1120				
	270	468	3.4	6.43	630	1120				
	316	399	3.6	5.47	600	1050				
	362	348	4.1	4.79	580	1000				

60 Hz imperial
3.00 hp
4.00 hp
5.00 hp

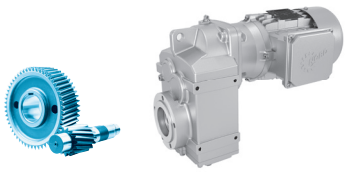


P_1 [hp]	n_2 [rpm]	M_2 [lb-in]	f_B	i_{ges}	F_R [lb]	F_A [lb]	$F_{R\,VL}$ [lb]	$F_{A\,VL}$ [lb]	Type	lbs
3.00	46	4130	0.9	38.67	-	1370	1620	1620	**SK 1382.1 - 100 LP/4**	94
	54	3524	1.0	32.99	740	1380	1770	1620		
	62	3049	1.2	28.54	780	1420	1860	1620		
3.00	91	2086	1.7	19.52	790	1410	2000	1620	**SK 1282.1 - 100 LP/4**	93
	106	1779	2.0	16.66	780	1380	2030	1620		
	129	1468	2.4	13.74	770	1350	2060	1620		
	145	1302	2.7	12.19	760	1320	2070	1620		
	163	1162	3.0	10.88	750	1300	2080	1620		
	183	1033	3.1	9.67	740	1280	2090	1620		
	215	881	3.2	8.25	720	1210	2100	1620		
	237	798	3.5	7.47	710	1180	2100	1620		
	278	681	3.7	6.38	680	1100	2110	1620		
	339	558	4.0	5.22	640	1010	2110	1620		
4.00	54	4712	0.8	32.99	-	1060	1440	1620	**SK 1382.1 - 100 AP/4**	94
	62	4076	0.9	28.54		1150	1640	1620		
4.00	90	2789	1.3	19.52	670	1230	1910	1620	**SK 1282.1 - 100 AP/4**	93
	106	2379	1.5	16.66	670	1220	1970	1620		
	128	1962	1.8	13.74	680	1220	2020	1620		
	145	1741	2.0	12.19	680	1210	2040	1620		
	162	1553	2.3	10.88	680	1190	2050	1620		
	183	1381	2.3	9.67	680	1170	2070	1620		
	214	1178	2.4	8.25	660	1110	2080	1620		
	236	1067	2.7	7.47	660	1090	2090	1620		
	277	911	2.8	6.38	640	1030	2100	1620		
	338	746	3.0	5.22	610	950	2080	1620		
	437	577	3.9	4.04	580	880	1950	1620		
5.00	90	3506	1.0	19.52	540	1040	1780	1620	**SK 1282.1 - 112 MP/4**	109
	105	2991	1.2	16.66	560	1050	1880	1620		
	128	2467	1.4	13.74	590	1060	1960	1620		
	144	2188	1.6	12.19	600	1060	1990	1620		
	161	1953	1.8	10.88	610	1050	2020	1620		
	181	1736	1.8	9.67	620	1050	2040	1620		
	213	1481	1.9	8.25	610	1010	2060	1620		
	235	1342	2.1	7.47	610	1000	2070	1620		
	275	1145	2.2	6.38	600	950	2080	1620		
	336	938	2.4	5.22	570	880	2050	1620		
	435	725	3.1	4.04	550	830	1930	1620		

Notes

60 Hz imperial

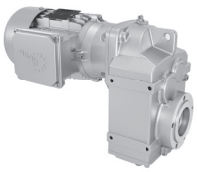
SK 0182.1



DRIVESYSTEMS

	i_{ges}	W n_2 [rpm]	W M_{2max} [lb-in]	W P_{1max} $f_B = 1$ [hp]	W P_{1max} $f_B \geq 1$ [hp]	W n_2 [rpm]	W M_{2max} [lb-in]	W P_{1max} $f_B = 1$ [hp]	W P_{1max} $f_B \geq 1$ [hp]	W n_2 [rpm]	W M_{2max} [lb-in]	W P_{1max} $f_B = 1$ [hp]	W P_{1max} $f_B \geq 1$ [hp]	NEMA f_B ⇨ 📖 29-36 NEMA 56C	NEMA 140TC	NEMA 180TC		
		n_1 = 1750 rpm				n_1 = 1150 rpm[1]				n_1 = 875 rpm								
SK 0182.1	**153.54**	11	974	0.18		7.5	974	0.12		5.7	974	0.088		*	*			
	147.93	12	974	0.18		7.8	974	0.12		5.9	974	0.09		*	*			
	131.56	13	974	0.21		8.7	974	0.14		6.7	974	0.1		*	*			
W + NEMA	**111.02**	16	974	0.24		10	974	0.16		7.9	974	0.12		*	*			
inch	**95.13**	18	974	0.28		12	974	0.19		9.2	974	0.14		*	*			
⇨ 📖 54-55	**86.80**	20	974	0.31		13	974	0.2		10	974	0.16		*	*			
	74.73	23	974	0.36		15	974	0.24		12	974	0.18		*	*			
	64.03	27	974	0.42		18	974	0.28		14	974	0.21		*	*			
	58.43	30	1151	0.55		20	1151	0.36		15	1151	0.27		*	*			
	49.46	35	1151	0.65		23	1151	0.42		18	1151	0.32		*	*			
W + IEC	**43.98**	40	1151	0.73		26	1151	0.48		20	1151	0.36		*	*			
	38.61	45	1151	0.83		30	1151	0.54		23	1151	0.41		*	*			
mm	**34.13**	51	1151	0.94		34	1151	0.62		26	1151	0.47		*	*			
⇨ 📖 26-27	**31.80**	55	1151	*1*		36	1151	0.66		28	1151	0.5			*			
	27.92	63	1151	*1*		41	1151	0.75		31	1151	0.57			*			
	24.68	71	1151	*1*		47	1151	*0.82*		35	1151	*0.63*			*			
	22.43	78	1062	*1*		*51*	1062	*0.82*		39	1062	*0.63*			*			
	19.83	88	1062	*1*		*58*	1062	*0.82*		44	1062	*0.63*			*			
	16.24	108	1151	*1*		*71*	1151	*0.82*		54	1151	*0.63*			*			
	14.25	123	1151	*1*		*81*	1151	*0.82*		61	1151	*0.63*			*			
	13.05	134	1151	*1*		*88*	1151	*0.82*		67	1151	*0.63*			*			
	11.45	153	1151	*1*		*100*	1151	*0.82*		76	1151	*0.63*			*			
	10.13	173	1151	*1*		*114*	1151	*0.82*		86	1151	*0.63*			*			
	8.87	197	1151	*1*		*130*	1151	*0.82*		99	1151	*0.63*			*			
	8.18	214	1151	*1*		141	1151	*0.82*		107	1151	*0.63*			*			
	7.12	246	1151	*1*		161	1151	*0.82*		123	1151	*0.63*			*			
	6.23	281	1151	*1*		185	1151	*0.82*		140	1151	*0.63*			*			
	5.54	316	1062	*1*		208	1062	*0.82*		158	1062	*0.63*			*			
	4.85	361	1062	*1*		237	1062	*0.82*		181	1062	*0.63*			*			

* Caution, do not exceed the maximum drive power P_{1max} according to the Type W column



imperial 60 Hz

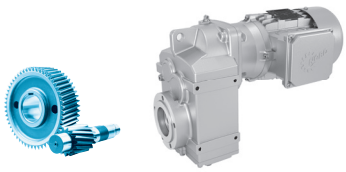
SK 0282.1

	i_{ges}	W n_2 [rpm]	W M_{2max} $f_B = 1$ [lb-in]	W P_{1max} $f_B \geq 1$ [hp]	W n_2 [rpm]	W M_{2max} $f_B = 1$ [lb-in]	W P_{1max} $f_B \geq 1$ [hp]	W n_2 [rpm]	W M_{2max} $f_B = 1$ [lb-in]	W P_{1max} $f_B \geq 1$ [hp]	NEMA f_B ⇨ 29-36 NEMA 56C	140TC	180TC		
		n_1 = 1750 rpm			n_1 = 1150 rpm			n_1 = 875 rpm							
SK 0282.1	**247.02**	7.1	1593	0.18	4.7	1593	0.12	3.5	1593	0.09	*	*			
	228.16	7.7	1770	0.22	5	1770	0.14	3.8	1770	0.11	*	*			
	201.65	8.7	1770	0.24	5.7	1770	0.16	4.3	1770	0.12	*	*			
W + NEMA	**190.64**	9.2	1770	0.26	6	1770	0.17	4.6	1770	0.13	*	*			
inch	**161.34**	11	1770	0.3	7.1	1770	0.2	5.4	1770	0.15	*	*			
⇨ 54-55	**140.98**	12	1770	0.35	8.2	1770	0.23	6.2	1770	0.17	*	*			
	126.98	14	1770	0.39	9.1	1770	0.25	6.9	1770	0.19	*	*			
	110.96	16	1770	0.44	10	1770	0.29	7.9	1770	0.22	*	*			
	103.89	17	1770	0.47	11	1770	0.31	8.4	1770	0.24	*	*			
	92.51	19	1770	0.53	12	1770	0.35	9.5	1770	0.27	*	*			
W + IEC	**75.69**	23	1770	0.65	15	1770	0.43	12	1770	0.32	*	*			
mm	**66.66**	26	1770	0.74	17	1770	0.48	13	1770	0.37	*	*			
⇨ 26-27	**53.03**	33	1593	0.83	22	1593	0.55	16	1593	0.42	*	*			
	43.78	40	1770	1.12	26	1770	0.74	20	1770	0.56		*			
	38.14	46	1770	1.29	30	1770	0.85	23	1770	0.64		*			
	33.44	52	1770	1.47	34	1770	0.97	26	1770	0.73		*			
	29.56	59	1770	1.66	39	1770	1.09	30	1770	0.83		*			
	26.32	66	1770	1.87	44	1770	1.23	33	1770	0.93		*			
	21.53	81	1770	*2*	53	1770	1.5	41	1770	1.14		*			
	18.96	92	1770	*2*	61	1770	*1.64*	46	1770	*1.25*		*			
	18.24	96	1770	*2*	63	1770	*1.64*	48	1770	*1.25*		*			
	16.12	109	1770	*2*	71	1770	*1.64*	54	1770	*1.25*		*			
	14.36	122	1770	*2*	80	1770	*1.64*	61	1770	*1.25*		*			
	12.78	137	1770	*2*	90	1770	*1.64*	68	1770	*1.25*		*			
	11.30	155	1770	*2*	102	1770	*1.64*	*77*	1770	*1.25*		*			
	10.06	174	1770	*2*	114	1770	*1.64*	*87*	1770	*1.25*		*			
	9.18	191	1770	*2*	126	1770	*1.64*	96	1770	*1.25*		*			
	8.24	213	1770	*2*	140	1770	*1.64*	106	1770	*1.25*		*			
	6.82	257	1770	*2*	169	1770	*1.64*	128	1770	*1.25*		*			
	6.43	273	1593	*2*	179	1593	*1.64*	136	1593	*1.25*		*			
	5.47	320	1416	*2*	210	1416	*1.64*	160	1416	*1.25*		*			
	4.79	366	1416	*2*	241	1416	*1.64*	183	1416	*1.25*		*			

* Caution, do not exceed the maximum drive power P_{1max} according to the Type W column

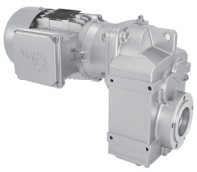
60 Hz imperial

SK 1282.1



	i_{ges}	W n_2 [rpm]	W M_{2max} [lb-in]	W P_{1max} [hp]	W n_2 [rpm]	W M_{2max} [lb-in]	W P_{1max} [hp]	W n_2 [rpm]	W M_{2max} [lb-in]	W P_{1max} [hp]	NEMA f_B ⇨📖 29-36 NEMA 56C	140TC	180TC		
		$f_B = 1$		$f_B \geq 1$	$f_B = 1$		$f_B \geq 1$	$f_B = 1$		$f_B \geq 1$					
		n_1 = 1750 rpm			n_1 = 1150 rpm			n_1 = 875 rpm							
SK 1282.1	**24.57**	71	3540	3.44	47	3540	2.26	36	3540	1.72		*			
	20.96	83	3540	3.44	55	3540	2.26	42	3540	1.72		*			
	19.52	90	3540	*5*	59	3540	3.31	45	3540	2.52			*		
W + NEMA	**16.66**	105	3540	*5*	69	3540	3.63	53	3540	2.76			*		
inch	**13.74**	127	3540	*5*	84	3540	3.8	64	3540	2.89			*		
	12.19	144	3540	*5*	94	3540	*4.11*	72	3540	*3.13*			*		
⇨📖54-55	**10.88**	161	3540	*5*	106	3540	*4.11*	80	3540	*3.13*			*		
	9.67	181	3186	*5*	119	3186	*4.11*	90	3186	*3.13*			*		
	8.25	212	2832	*5*	139	2832	*4.11*	106	2832	*3.13*			*		
	7.47	234	2832	*5*	154	2832	*4.11*	117	2832	*3.13*					
W + IEC	**6.38**	275	2522	*5*	180	2522	*4.11*	137	2522	*3.13*					
mm	**5.22**	335	2257	*5*	220	2257	*4.11*	167	2257	*3.13*			*		
	4.04	434	2257	*5*	285	2257	*4.11*	217	2257	*3.13*					
⇨📖26-27															

* Caution, do not exceed the maximum drive power P_{1max} according to the Type W column



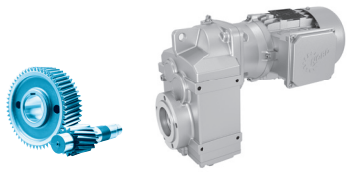
imperial 60 Hz

SK 1382.1

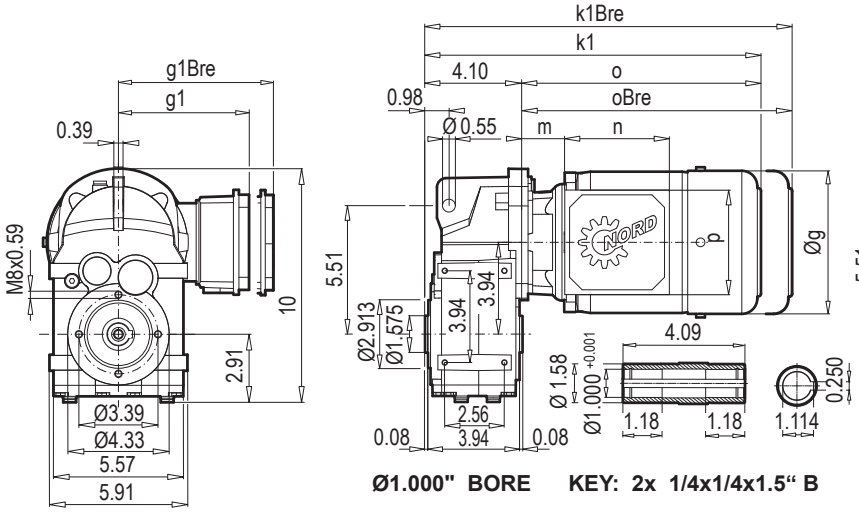
	i_{ges}	W n_2 [rpm]	W M_{2max} $f_B = 1$ [lb-in]	W P_{1max} $f_B \geq 1$ [hp]	W n_2 [rpm]	W M_{2max} $f_B = 1$ [lb-in]	W P_{1max} $f_B \geq 1$ [hp]	W n_2 [rpm]	W M_{2max} $f_B = 1$ [lb-in]	W P_{1max} $f_B \geq 1$ [hp]	NEMA f_B ⇨ 29-36 NEMA 56C	140TC	180TC		
		n_1 = 1750 rpm			n_1 = 1150 rpm			n_1 = 875 rpm							
SK 1382.1	**356.89**	4.9	3186	0.25	3.2	3186	0.16	2.5	3186	0.12	*	*			
	304.47	5.7	3186	0.29	3.8	3186	0.19	2.9	3186	0.15	*	*			
	287.37	6.1	3540	0.34	4	3540	0.22	3	3540	0.17	*	*			
W + NEMA	**245.16**	7.1	3540	0.4	4.7	3540	0.26	3.6	3540	0.2	*	*			
inch	**217.62**	8	3540	0.45	5.3	3540	0.3	4	3540	0.23	*	*			
⇨ 54-55	**179.22**	9.8	3540	0.55	6.4	3540	0.36	4.9	3540	0.27	*	*			
	159.09	11	3540	0.62	7.2	3540	0.41	5.5	3540	0.31	*	*			
	135.72	13	3540	0.72	8.5	3540	0.48	6.4	3540	0.36	*	*			
	121.52	14	3540	0.81	9.5	3540	0.53	7.2	3540	0.4	*	*			
	103.68	17	3540	0.95	11	3540	0.62	8.4	3540	0.47	*	*			
W + IEC	**97.22**	18	3540	1.01	12	3540	0.66	9	3540	0.51		*			
mm	**82.94**	21	3540	1.19	14	3540	0.78	11	3540	0.59		*			
⇨ 26-27	**68.50**	26	3540	1.44	17	3540	0.94	13	3540	0.72		*			
	60.26	29	3540	1.63	19	3540	1.07	15	3540	0.82		*			
	54.32	32	3540	1.81	21	3540	1.19	16	3540	0.9		*	*		
	51.41	34	3540	1.91	22	3540	1.26	17	3540	0.96		*			
	44.19	40	3540	2.22	26	3540	1.46	20	3540	1.11		*	*		
	38.67	45	3540	2.54	30	3540	1.67	23	3540	1.27		*	*		
	32.99	53	3540	2.98	35	3540	1.96	27	3540	1.49		*	*		
	28.54	61	3540	3.44	40	3540	2.26	31	3540	1.72		*	*		

* Caution, do not exceed the maximum drive power P_{1max} according to the Type W column

imperial
SK 0182.1

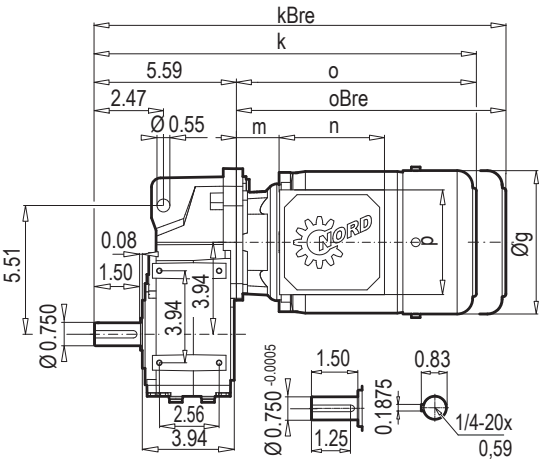


SK 0182.1 AXZ

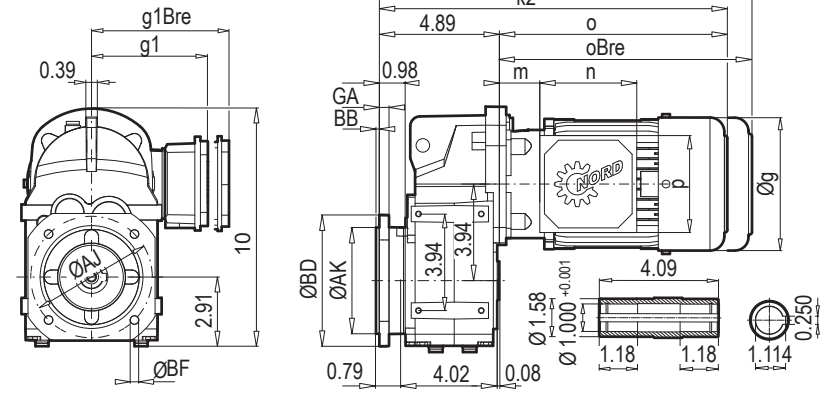


Ø1.000" BORE KEY: 2x 1/4x1/4x1.5“ B

SK 0182.1 VXZ

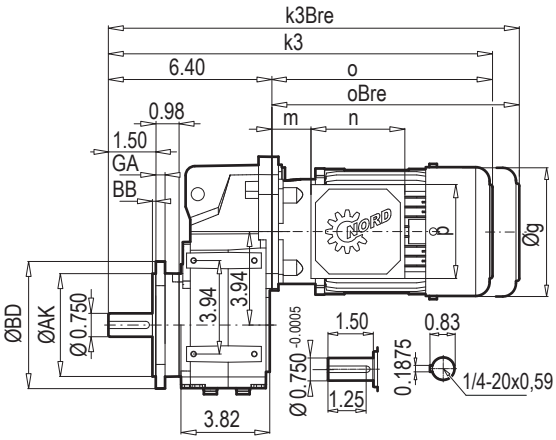


SK 0182.1 AXF



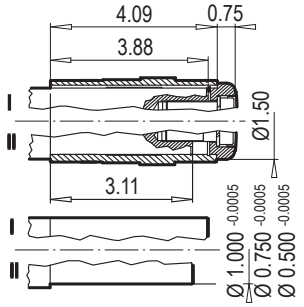
Ø1.000" BORE KEY: 2x 1/4x1/4x1.5“ B

SK 0182.1 VXF

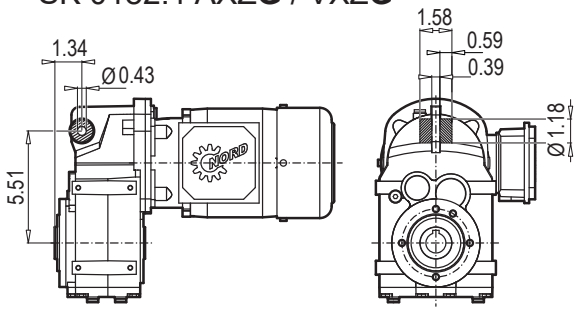


BD (mm)	AK +/-	GA	AJ	BB	BF
6.30 (160)	4.331 +0.0005/-0.00004	0.39	5.118	0.14	4 x 0.35

SK 0182.1 AXF**B** / AXZ**B**

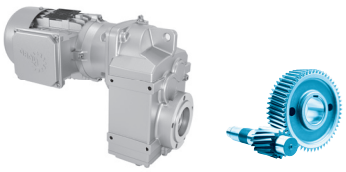


SK 0182.1 AXZ**G** / VXZ**G**

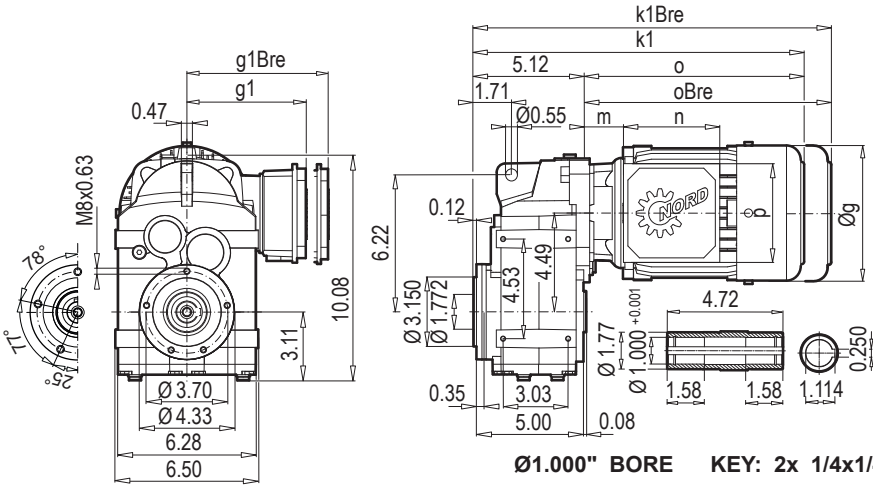


	63 SP/LP	71 SP/LP	80 SP/LP		
g	5.09	5.72	6.43		
g1 / g1Bre	4.51 / 4.84	4.86 / 5.24	5.59 / 5.59		
k / kBre	13.32 / 15.53	14.90 / 17.18	15.88 / 18.40		
k1 / k1Bre	11.81 / 14.02	13.39 / 15.67	14.37 / 16.89		
k2 / k2Bre	12.64 / 14.84	14.21 / 16.50	15.20 / 17.72		
k3 / k2Bre	14.15 / 16.36	15.73 / 18.01	16.71 / 19.23		
o / oBre	7.72 / 9.92	9.29 / 11.58	10.28 / 12.80		
m / mBre	0.63 / 0.87	1.65 / 1.89	1.85 / 1.97		
n / nBre	3.95 / 5.28	3.95 / 5.28	4.49 / 6.03		
p / pBre	3.95 / 3.51	3.95 / 3.51	4.49 / 4.25		

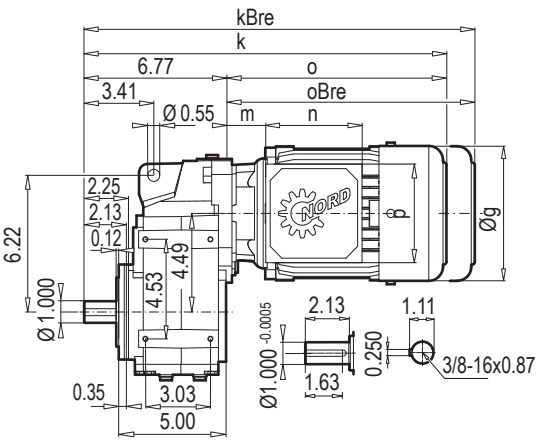
W ⇨📖 54
NEMA ⇨📖 55



SK 0282.1 AXZ

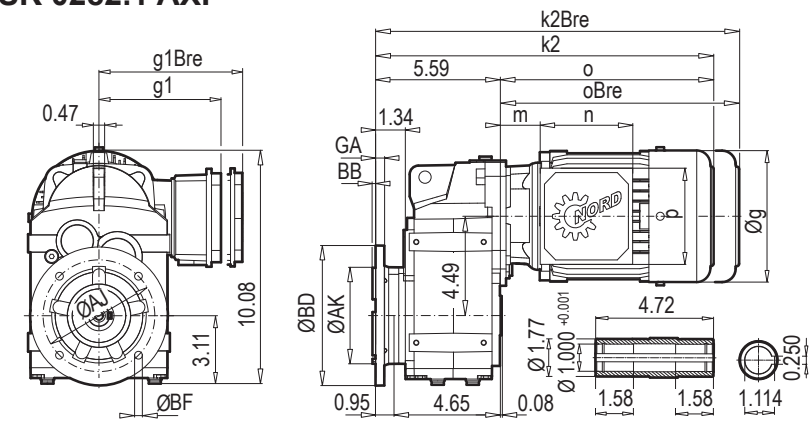


SK 0282.1 VXZ

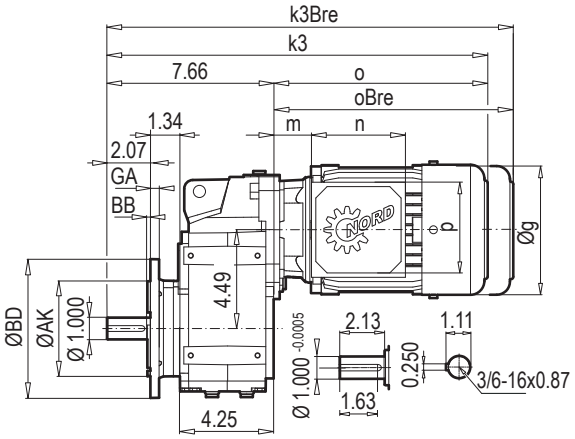


Ø1.000" BORE KEY: 2x 1/4x1/4x2.12“ B

SK 0282.1 AXF



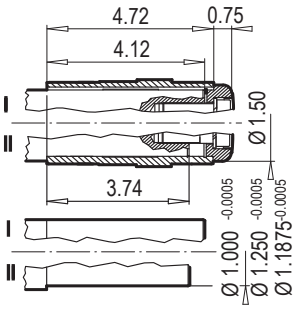
SK 0282.1 VXF



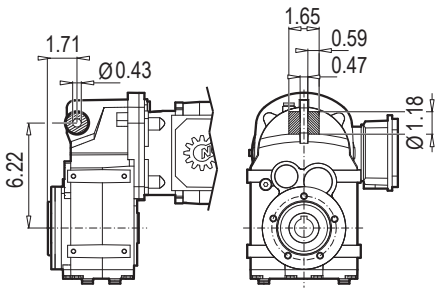
Ø1.000" BORE KEY: 2x 1/4x1/4x2.12“ B

BD (mm)	AK +/-	GA	AJ	BB	BF
6.30 (160)	4.331 +0.0005/-0.00004	0.39	5.118	0.14	4 x 0.35

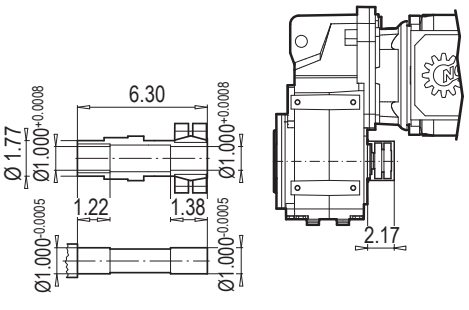
SK 0282.1 AXF**B** / AXZ**B**



SK 0282.1 AXZ**G** / VXZ**G**

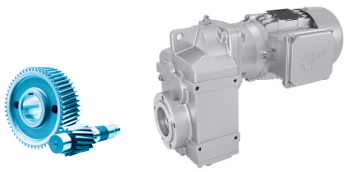


SK 0282.1 AXZ**SH**

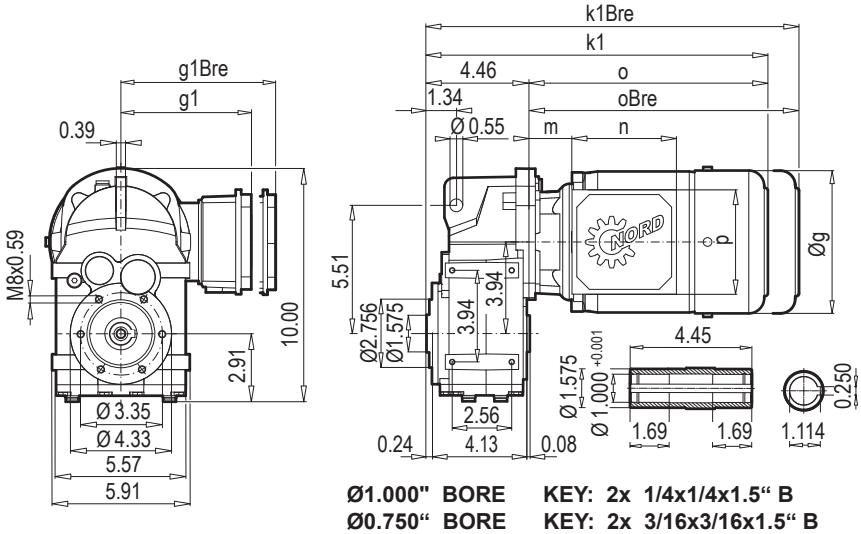


	63 SP/LP	71 SP/LP	80 SP/LP	90 SP/LP		
g	5.09	5.72	6.46	7.19		W ⇨📖 54
g1 / g1Bre	4.51 / 4.84	4.86 / 5.24	5.59 / 5.59	5.79 / 5.79		
k / kBre	14.51 / 16.72	16.09 / 18.37	17.07 / 19.59	18.69 / 21.64		
k1 / k1Bre	12.84 / 15.04	14.41 / 16.69	15.39 / 17.91	17.01 / 19.96		
k2 / k2Bre	13.33 / 15.53	14.90 / 17.18	15.88 / 18.41	17.50 / 20.45		
k3 / k3Bre	15.40 / 17.61	16.98 / 19.26	17.94 / 20.48	19.55 / 22.51		NEMA ⇨📖 55
o / oBre	7.72 / 9.92	9.29 / 11.58	10.28 / 12.80	11.89 / 14.84		
m / mBre	0.63 / 0.87	1.65 / 1.89	1.85 / 1.97	2.05 / 2.17		
n / nBre	3.95 / 5.28	3.95 / 5.28	4.49 / 6.03	4.49 / 6.03		
p / pBre	3.95 / 3.51	3.95 / 3.51	4.49 / 4.25	4.49 / 4.25		

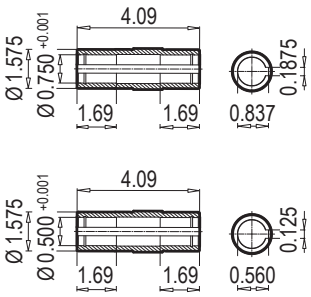
SK 0182.1 ... N



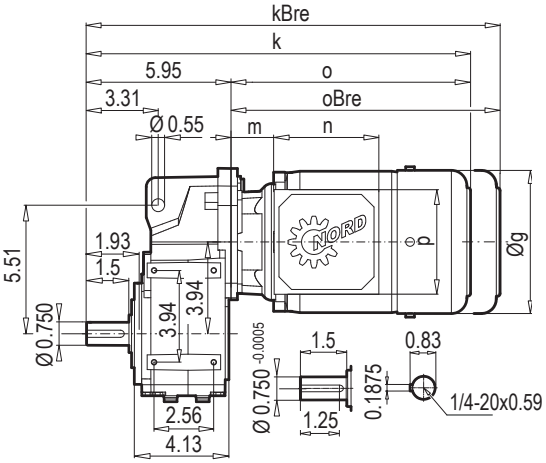
SK 0182.1 AXZN



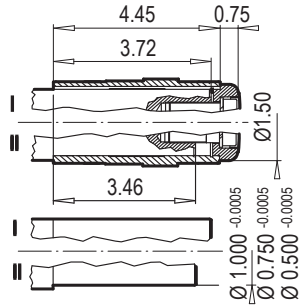
Ø1.000" BORE **KEY: 2x 1/4x1/4x1.5“ B**
Ø0.750“ BORE **KEY: 2x 3/16x3/16x1.5“ B**
Ø0.500“ BORE **KEY: 2x 1/8x1/8x1.5“ B**



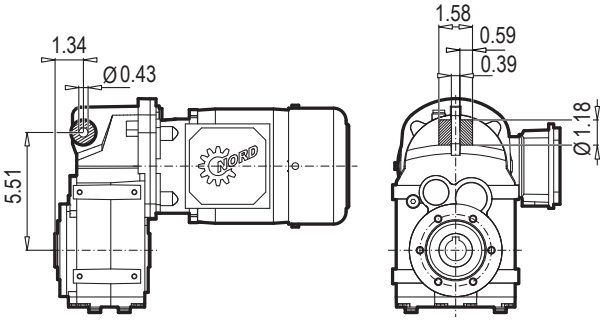
SK 0182.1 VXZN



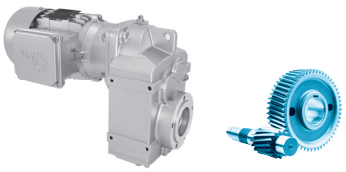
SK 0182.1 AXZ(N)**B**



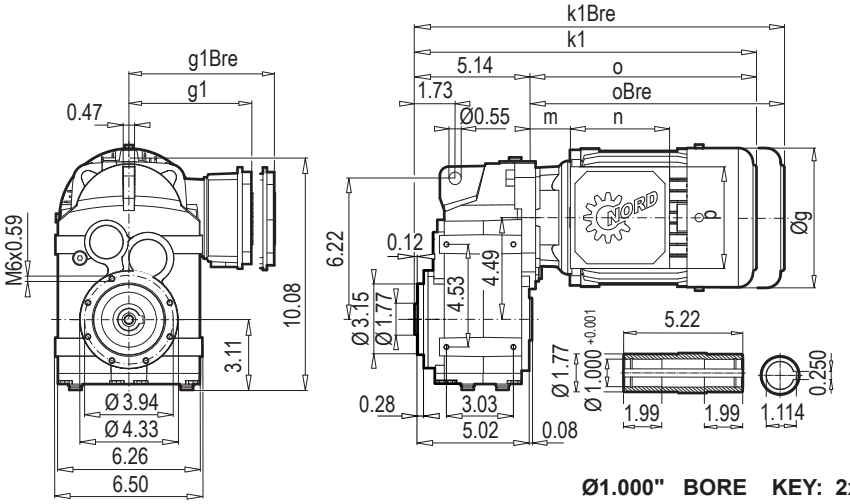
SK 0182.1 AXZ(N)**G** / VXZ(N)**G**



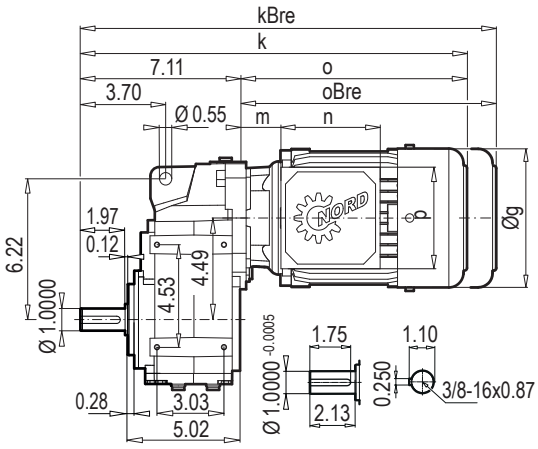
	63 SP/LP	71 SP/LP	80 SP/LP			
g	5.09	5.72	6.43			
g1 / g1Bre	4.51 / 4.84	4.86 / 5.24	5.59 / 5.59			W ⇨🕮 54
k / kBre	13.66 / 15.87	15.24 / 17.52	16.22 / 18.74			
k1 / k1Bre	12.18 / 14.38	13.75 / 16.04	14.74 / 17.26			
o / oBre	7.72 / 9.92	9.29 / 11.58	10.28 / 12.80			NEMA ⇨🕮 55
m / mBre	0.63 / 0.87	1.65 / 1.89	1.85 / 1.97			
n / nBre	3.95 / 5.28	3.95 / 5.28	4.49 / 6.03			
p / pBre	3.95 / 3.51	3.95 / 3.51	4.49 / 4.25			



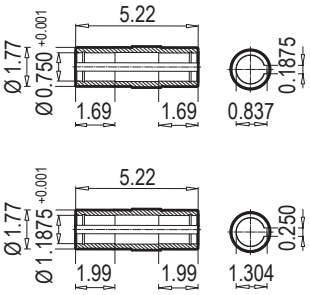
SK 0282.1 AXZN



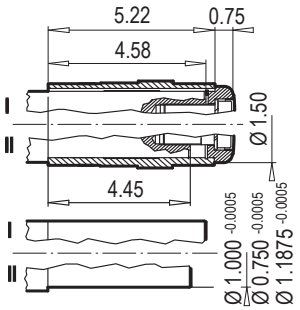
SK 0282.1 VXZN



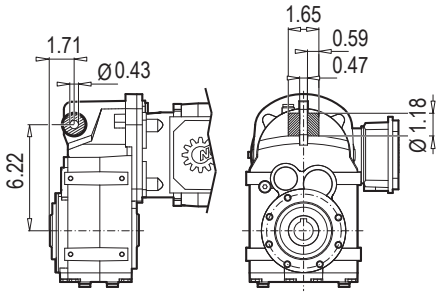
Ø1.000" BORE KEY: 2x 1/4x1/4x2.12“ B
Ø0.750“ BORE KEY: 2x 3/16x3/16x1.5“ B
Ø1.1875“ BORE KEY: 2x 1/4x1/4x2.0“ B



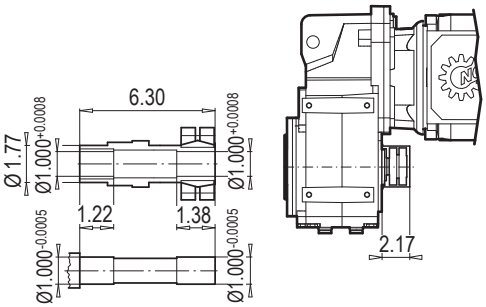
SK 0282.1 AXZ(N)**B**



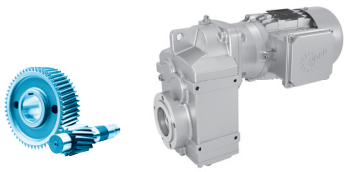
SK 0282.1 AXZ(N)**G** / VXZ(N)**G**



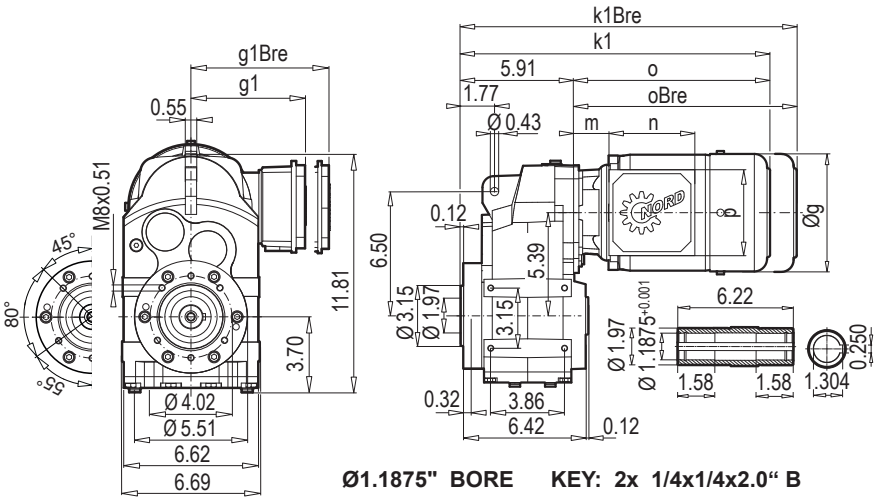
SK 0282.1 AXZ **SH**



	63 SP/LP	71 SP/LP	80 SP/LP	90 SP/LP		
g	5.09	5.72	6.43	7.19		
g1 / g1Bre	4.57 / 4.84	4.88 / 5.24	5.59 / 5.59	5.79 / 5.79		W ⇨📖 54
k / kBre	14.82 / 17.03	16.40 / 18.68	17.38 / 19.35	19.00 / 21.56		
k1 / k1Bre	12.85 / 15.06	14.43 / 16.71	15.41 / 17.93	17.03 / 19.98		
o / oBre	7.72 / 9.92	9.29 / 11.58	10.28 / 12.80	11.89 / 14.84		NEMA ⇨📖 55
m / mBre	0.63 / 0.87	1.65 / 1.89	1.85 / 1.97	2.05 / 2.17		
n / nBre	3.95 / 5.28	3.95 / 5.28	4.49 / 6.03	4.49 / 6.03		
p / pBre	3.95 / 3.51	3.95 / 3.51	4.49 / 4.25	4.49 / 4.25		

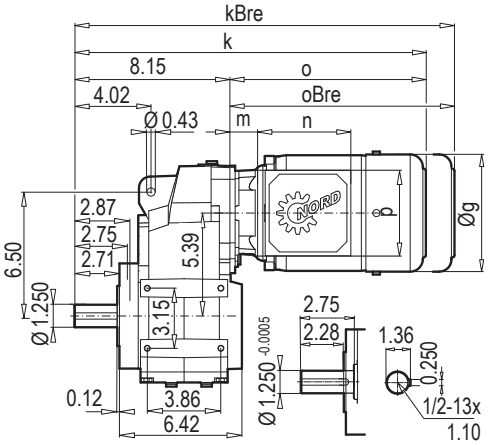


SK 1282.1 AXZ

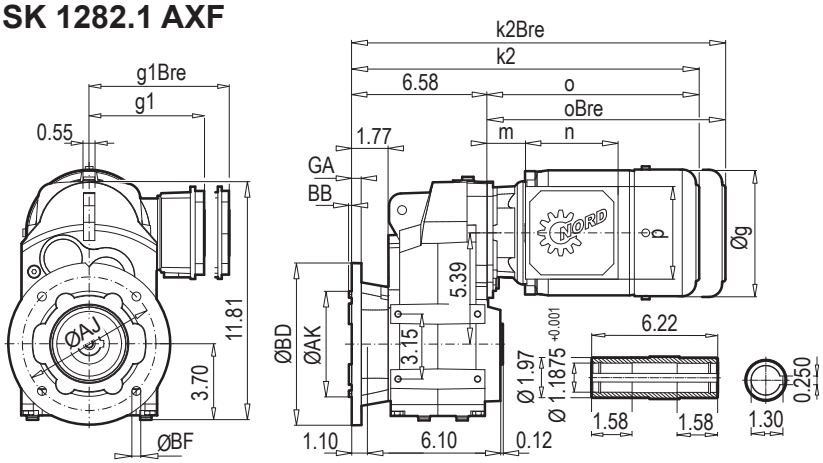


Ø1.1875" BORE KEY: 2x 1/4x1/4x2.0“ B

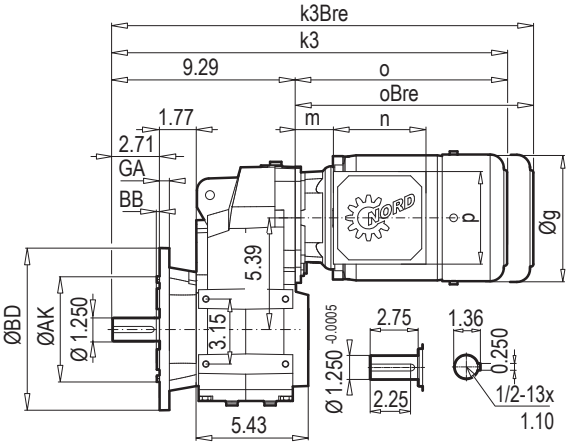
SK 1282.1 VXZ



SK 1282.1 AXF

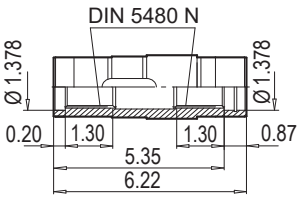


SK 1282.1 VXF



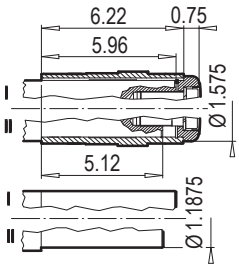
BD (mm)	AK +/-	GA	AJ	BB	BF
7.87 (200)	5.118 +0.0005/-0.00004	0.47	6.50	0.14	4 x 0.43

SK 1282.1 **EA**

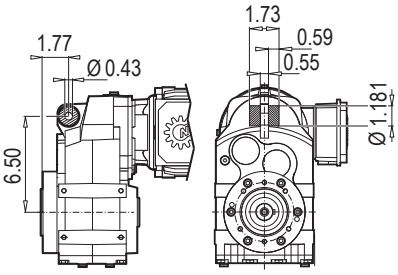


N30 x 1.25 x 22 x 9H

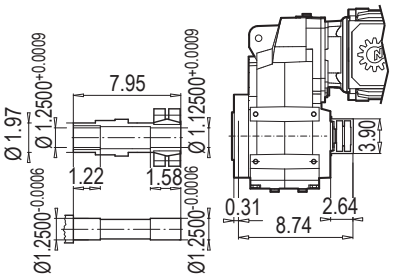
SK 1282.1 AXF**B** / AXZ**B**



SK 1282.1 AXZ**G** / VXZ**G**



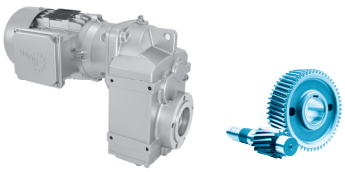
SK 1282.1 AXZ**SH**



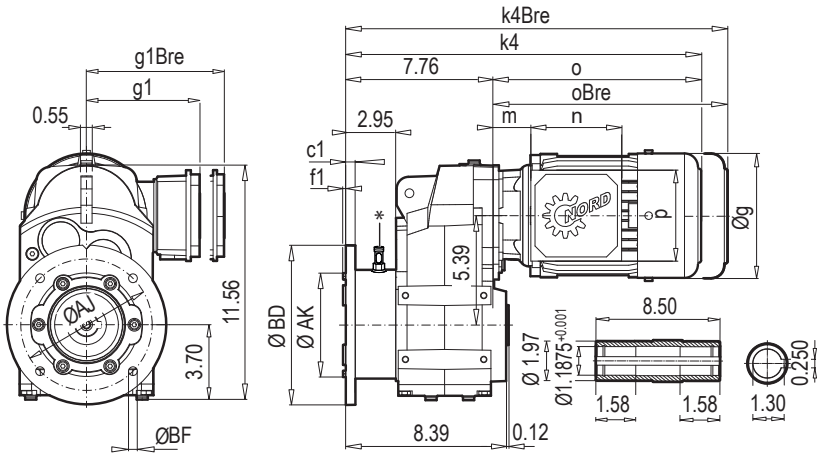
	63 SP/LP	71 SP/LP	80 SP/LP	90 SP/LP	100 LP/AP	112 MP
g	5.09	5.72	6.43	7.19	7.95	8.90
g1 / g1Bre	4.51 / 4.84	4.86 / 5.24	5.59 / 5.59	5.79 / 5.79	6.65 / 6.77	7.05 / 7.17
k / kBre	15.87 / 18.11	17.441 / 19.724	18.43 / 20.95	20.04 / 22.99	21.22 / 24.80	22.13 / 25.83
k1 / k1Bre	13.66 / 15.83	15.197 / 17.480	16.18 / 18.70	17.80 / 20.75	18.98 / 22.55	19.88 / 23.58
k2 / k2Bre	14.29 / 16.54	15.866 / 18.189	16.85 / 19.41	18.47 / 21.46	19.69 / 23.23	20.55 / 24.25
k3 / k3Bre	17.00/ 19.21	18.577 / 20.861	19.56 / 22.08	21.18/ 24.13	22.36 / 25.94	23.26 / 26.96
o / oBre	7.72 / 9.92	9.291 / 11.575	10.28 / 12.80	11.89 / 14.84	13.07 / 16.66	13.98 / 17.68
m / mBre	0.63 / 0.87	1.654 / 1.890	1.85 / 1.97	2.05 / 2.17	2.28 / 2.44	2.52 / 2.64
n / nBre	3.95 / 5.28	3.95 / 5.28	4.49 / 6.03	4.49 / 6.03	4.49 / 6.03	4.49 / 6.03
p / pBre	3.95 / 3.51	3.95 / 3.51	4.49 / 4.25	4.49 / 4.25	4.49 / 4.25	4.49 / 4.25

W ⇨ 54

NEMA ⇨ 55

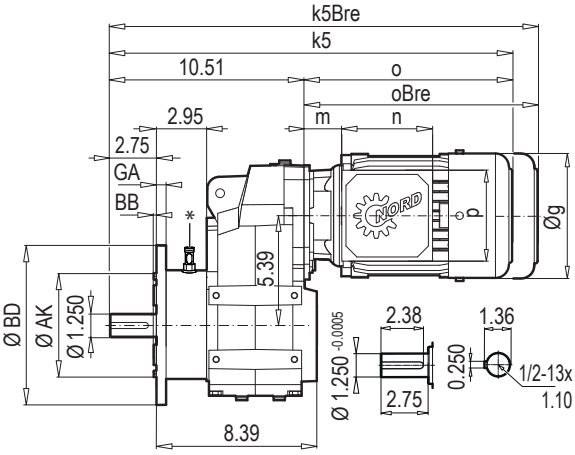


SK 1282.1 AXF VL2 / VL3



Ø1.1875" BORE KEY: 2x 1/4x1/4x1.62“ B

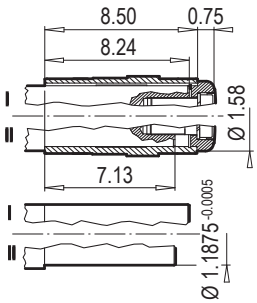
SK 1282.1 VXF VL2 / VL3



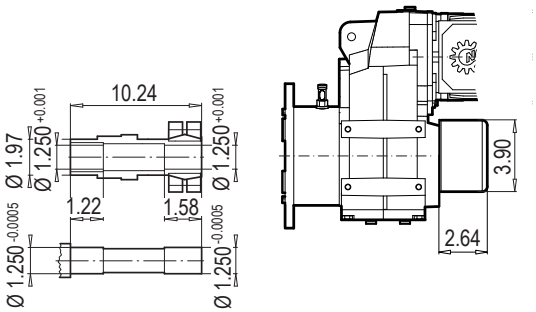
* Oil leak indicator or oil sensor for option VL3

BD (mm)	AK +/-	GA	AJ	BB	BF
7.87 (200)	5.118 +0.0005/-0.00004	0.47	6.50	0.14	4 x 0.43

SK 1282.1 AXF VL2/3 **B**



SK 1282.1 AXF VL2/3 **SH**

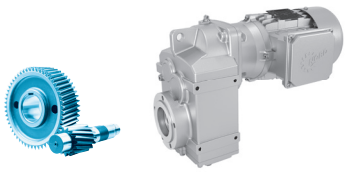


	63 SP/LP	71 SP/LP	80 SP/LP	90 SP/LP	100 LP/AP	112 MP
g	5.09	5.72	6.43	7.19	7.95	8.90
g1 / g1Bre	4.51 / 4.84	4.86 / 5.24	5.59 / 5.59	5.79 / 5.79	6.66 / 6.77	7.05 / 7.17
k4 / k4Bre	15.49 / 17.68	17.05 / 19.33	18.05 / 20.55	19.65 / 22.60	20.83 / 24.41	21.73 / 25.43
k5 / k5Bre	18.23 / 20.43	19.80 / 22.09	20.79 / 23.31	22.44 / 25.36	23.62 / 27.17	24.49 / 28.19
o / oBre	7.72 / 9.92	9.29 / 11.58	10.28/ 12.80	11.89 / 14.84	13.07 / 16.66	13.98 / 17.68
m / mBre	0.63 / 0.87	1.66 / 1.89	1.85 / 1.97	2.05 / 2.17	2.28 / 2.44	2.52 / 2.64
n / nBre	3.95 / 5.28	3.95 / 5.28	4.49 / 6.03	4.49 / 6.03	4.49 / 6.03	4.49 / 6.03
p / pBre	3.95 / 3.51	3.95 / 3.51	4.49 / 4.25	4.49 / 4.25	4.49 / 4.25	4.49 / 4.25

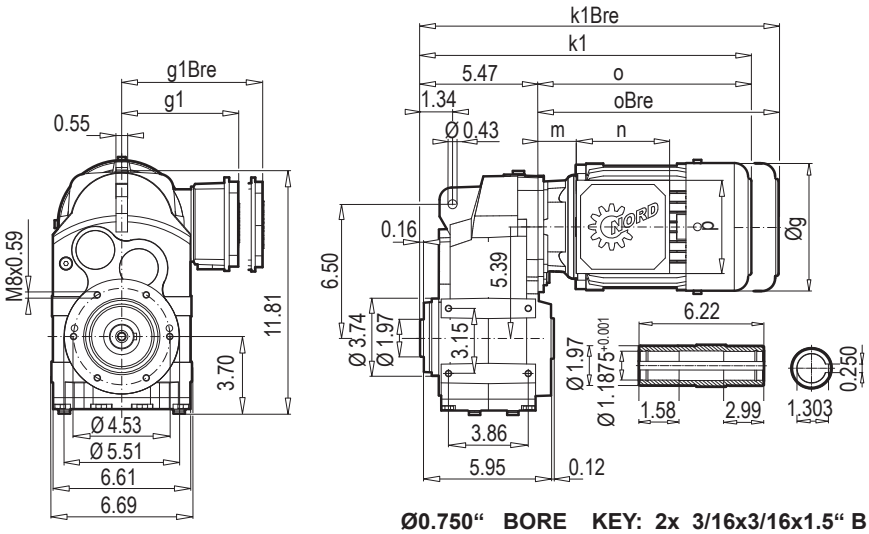
W ⇨ 54

NEMA ⇨ 55

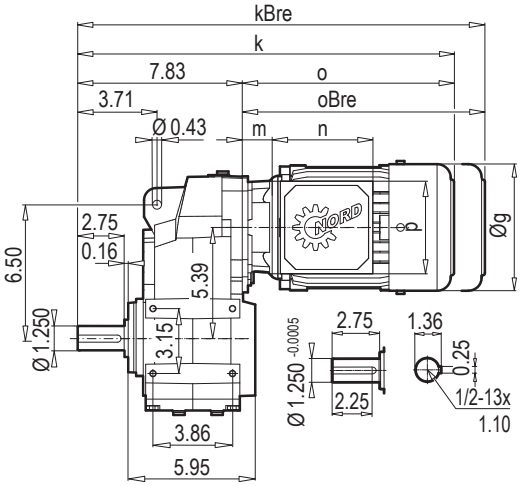
SK 1282.1 ... N



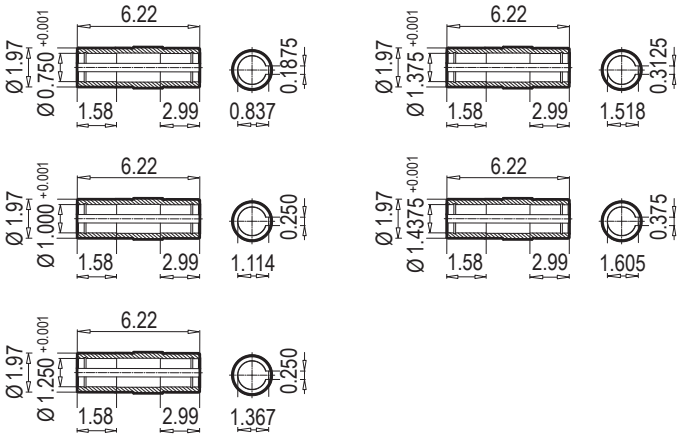
SK 1282.1 AXZN



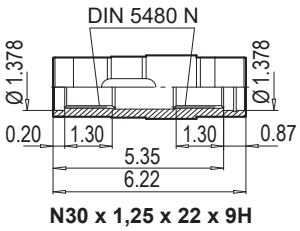
SK 1282.1 VXZN



Ø0.750“ BORE KEY: 2x 3/16x3/16x1.5“ B
Ø1.000“ BORE KEY: 2x 1/4x1/4x1.62“ B
Ø1.1875“ BORE KEY: 2x 1/4x1/4x1.62“ B
Ø1.250“ BORE KEY: 2x 1/4x1/4x2.25“ B
Ø1.375“ BORE KEY: 2x 5/16x5/16x2.5“ B
Ø1.4375“ BORE KEY: 2x 3/8x3/8x2.5“ B

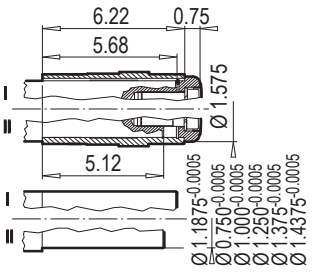


SK 1282.1 **EA**

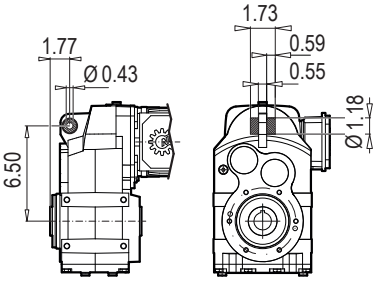


N30 x 1,25 x 22 x 9H

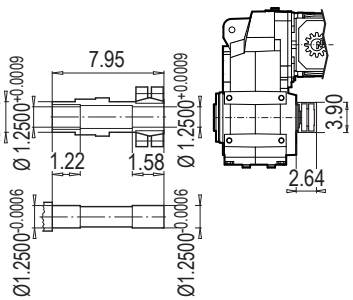
SK 1282.1 AXZ(N)**B**



SK 1282.1 AXZ(N)**G** / VXZ(N)**G**

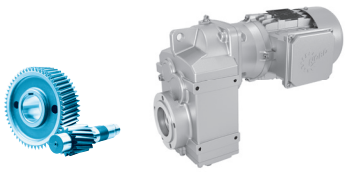


SK 1282.1 AXZ(N)**SH**

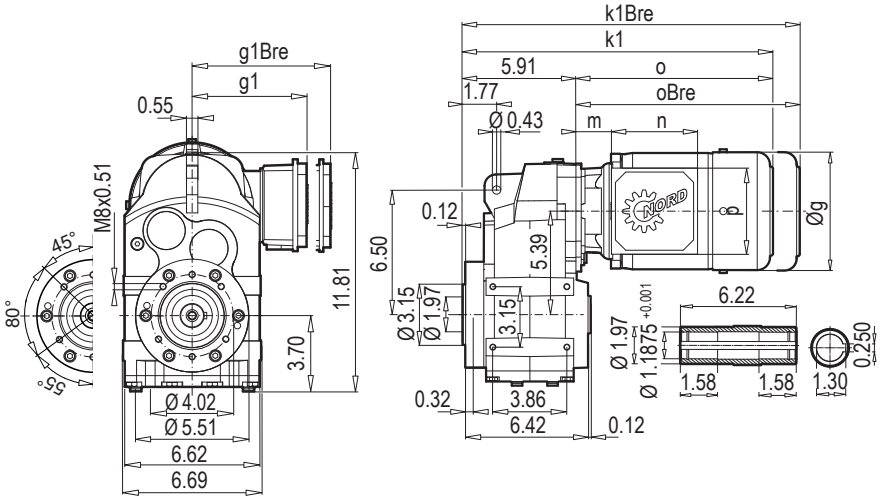


	63 SP/LP	71 SP/LP	80 SP/LP	90 SP/LP	100 LP/AP	112 MP	
g	5.09	5.72	6.43	7.19	7.95	8.90	
g1 / g1Bre	4.51 / 4.84	4.86 / 5.24	5.59 / 5.59	5.79 / 5.79	6.65 / 6.77	7.05 / 7.17	W ⇨📖 54
k / kBre	15.55 / 17.76	17.13 / 19.41	18.11 / 20.63	19.72 / 22.68	20.91 / 24.49	21.81 / 25.51	
k1 / k1Bre	13.19 / 15.39	14.76 / 17.05	15.75 / 18.27	17.36 / 20.32	18.54 / 22.13	19.45 / 23.15	
o / oBre	7.72 / 9.92	9.29 / 11.58	10.28 / 12.80	11.89 / 14.84	13.07 / 16.65	13.98 / 17.68	
m / mBre	0.63 / 0.87	1.65 / 1.89	1.85 / 1.97	2.05 / 2.17	2.28 / 2.44	2.52 / 2.64	NEMA ⇨📖 55
n / nBre	3.95 / 5.28	3.95 / 5.28	4.49 / 6.03	4.49 / 6.03	4.49 / 6.03	4.49 / 6.03	
p / pBre	3.95 / 3.51	3.95 / 3.51	4.49 / 4.25	4.49 / 4.25	4.49 / 4.25	4.49 / 4.25	

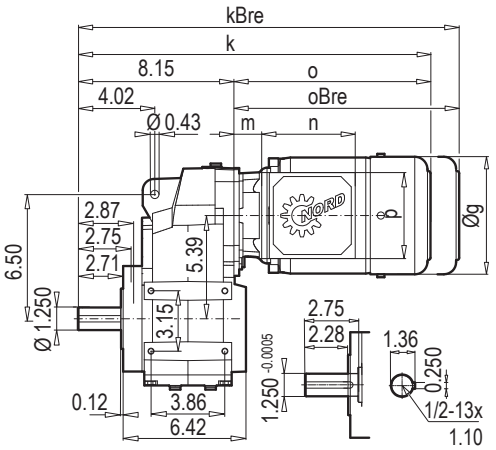
Notes



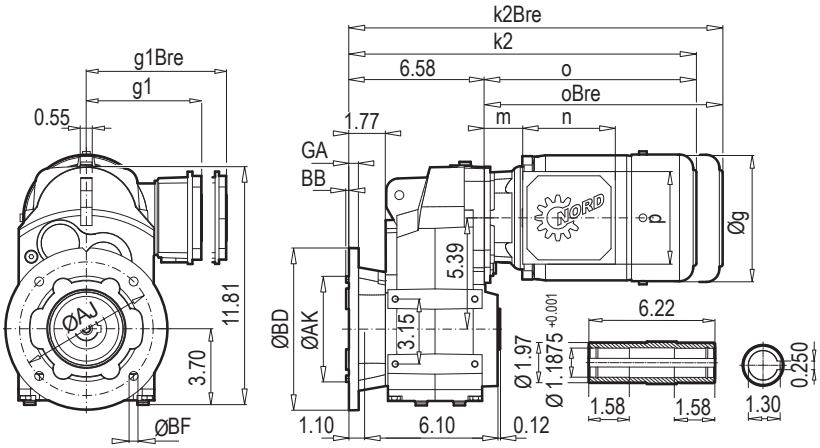
SK 1382.1 AXZ



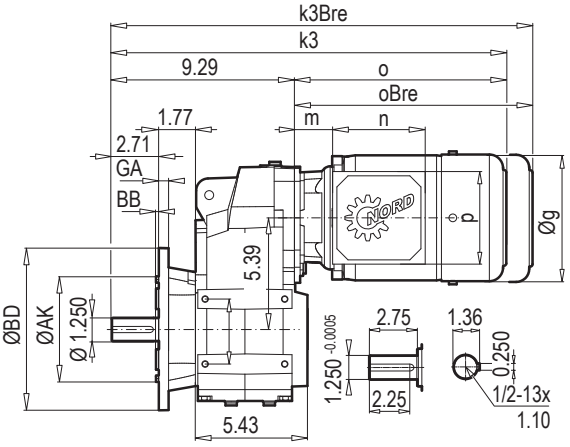
SK 1382.1 VXZ



SK 1382.1 AXF

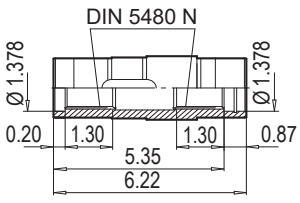


SK 1382.1 VXF



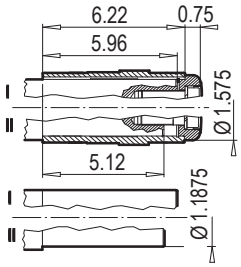
BD (mm)	AK +/-	GA	AJ	BB	BF
7.87 (200)	5.118 +0.0005/-0.00004	0.47	6.50	0.14	4 x 0.43

SK 1382.1 **EA**

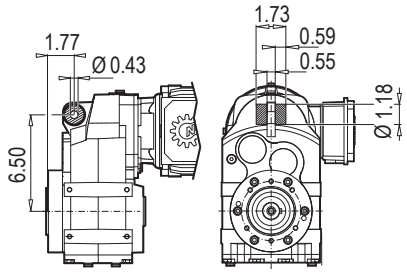


N30 x 1,25 x 22 x 9H

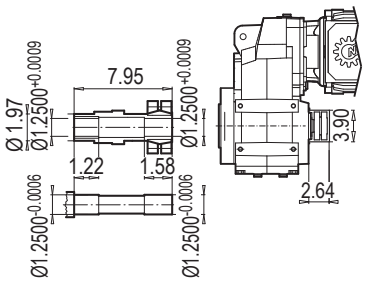
SK 1382.1 AXF**B** / AXZ**B**



SK 1382.1 AXZ**G** / VXZ**G**

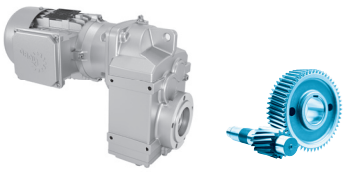


SK 1382.1 AXZ**SH** / AXF**SH**

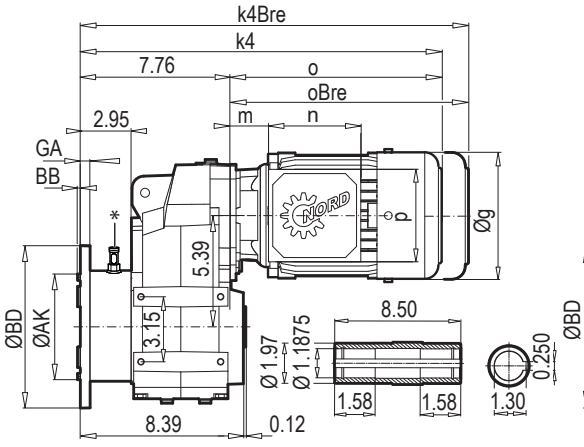


	63 SP/LP	71 SP/LP	80 SP/LP	90 SP/LP	100 LP/AP	
g	5.09	5.72	6.43	7.19	7.95	
g1 / g1Bre	4.51 / 4.84	4.86 / 5.24	5.59 / 5.59	5.79 / 5.79	6.65 / 6.77	
k / kBre	15.87 / 18.10	17.44 / 19.72	18.43 / 20.95	20.04 / 22.99	21.22 / 24.80	
k1 / k1Bre	13.62 / 15.83	15.20 / 17.48	16.18 / 18.70	17.80 / 20.75	18.98 / 22.55	
k2 / k2Bre	14.29 / 16.54	15.87 / 18.19	16.85 / 19.41	18.47 / 21.46	19.69 / 23.23	
k3 / k3Bre	17.00 / 19.21	18.58 / 20.86	19.56 / 22.08	21.18 / 24.13	22.36 / 25.94	
o / oBre	7.72 / 9.92	9.29 / 11.58	10.28 / 12.80	11.89 / 14.84	13.07 / 16.65	
m / mBre	0.63 / 0.87	1.65 / 1.89	1.85 / 1.97	2.05 / 2.17	2.28 / 2.44	
n / nBre	3.95 / 5.28	3.95 / 5.28	4.49 / 6.03	4.49 / 6.03	4.49 / 6.03	
p / pBre	3.95 / 3.51	3.95 / 3.51	4.49 / 4.25	4.49 / 4.25	4.49 / 4.25	

W ⇨ 54
NEMA ⇨ 55

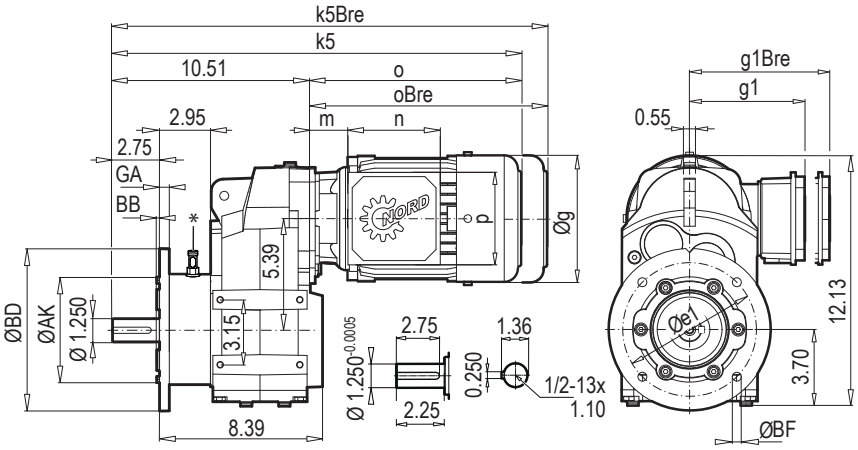


SK 1382.1 AXF VL2 / VL3



Ø1.1875" BORE KEY: 2x 1/4x1/4x1.62“ B

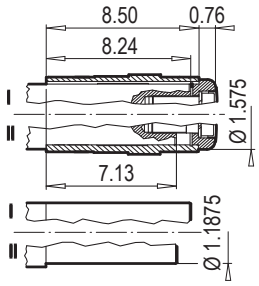
SK 1382.1 VXF VL2 / VL3



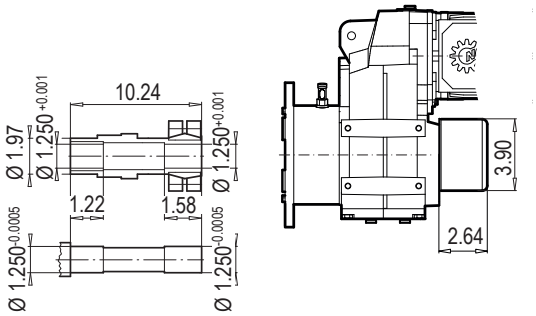
* Oil leak indicator or oil sensor for option VL3

BD (mm)	AK +/-	GA	AJ	BB	BF
7.874 (200)	5.118 +0.0005/-0.00004	0.47	6.50	0.14	4 x 0.43

SK 1382.1 AXF VL2/3 **B**



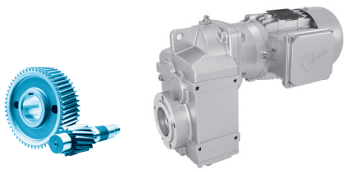
SK 1382.1 AXF VL2/3 **SH**



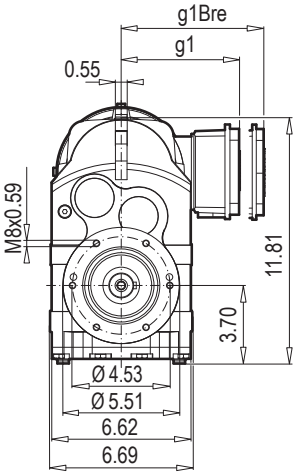
	63 SP/LP	71 SP/LP	80 SP/LP	90 SP/LP	100 LP/AP	
g	5.09	5.72	6.43	7.19	7.95	
g1 / g1Bre	4.51 / 4.84	4.86 / 5.24	5.59 / 5.59	5.79 / 5.79	6.65 / 6.77	
k4 / k4Bre	15.47 / 17.68	17.05 / 19.33	18.03 / 20,55	19.65 / 22.60	20.83 / 24.41	
k5 / k5Bre	18.23 / 20.43	19.80 / 22.09	20.79 / 23.31	22.44 / 25.35	23.62 / 27.17	
o / oBre	7.72 / 9.92	9.29 / 11.58	10.28 / 12.80	11.89 / 14.84	13.07 / 16.65	
m / mBre	0.63 / 0.87	1.65 / 1.89	1.85 / 1.97	2.05 / 2.17	2.28 / 2.44	
n / nBre	3.95 / 5.28	3.95 / 5.28	4.49 / 6.03	4.49 / 6.03	4.49 / 6.03	
p / pBre	3.95 / 3.51	3.95 / 3.51	4.49 / 4.25	4.49 / 4.25	4.49 / 4.25	

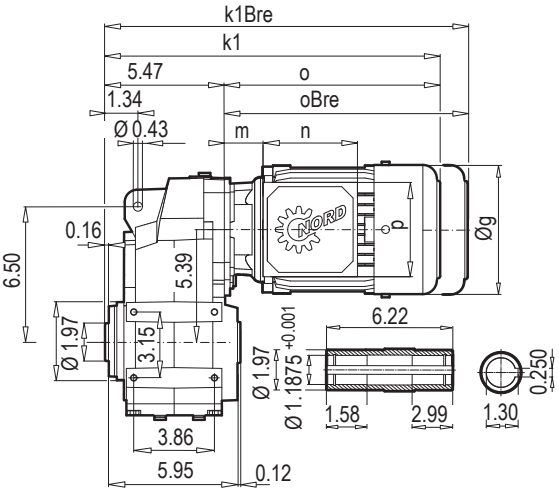
W ⇨ 54
NEMA ⇨ 55

SK 1382.1 ... N

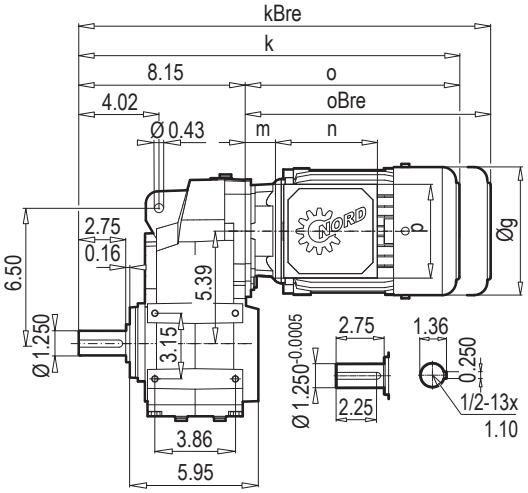


SK 1382.1 AXZN

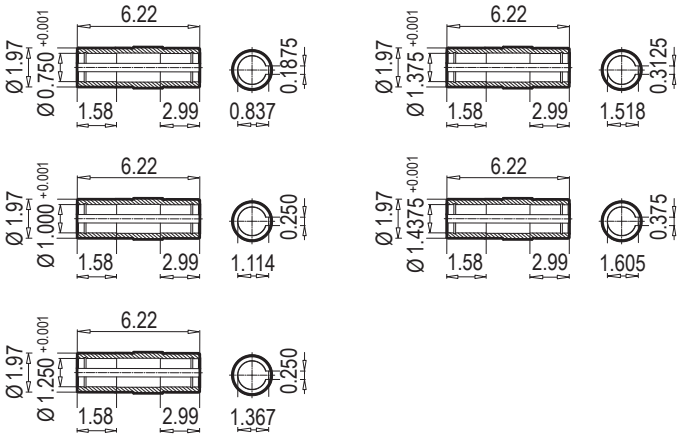




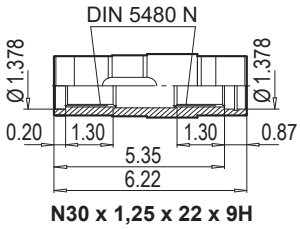
SK 1382.1 VXZN



Ø0.750“ BORE KEY: 2x 3/16x3/16x1.5“ B
Ø1.000“ BORE KEY: 2x 1/4x1/4x1.62“ B
Ø1.1875“ BORE KEY: 2x 1/4x1/4x1.62“ B
Ø1.250“ BORE KEY: 2x 1/4x1/4x2.25“ B
Ø1.375“ BORE KEY: 2x 5/16x5/16x2.5“ B
Ø1.4375“ BORE KEY: 2x 3/8x3/8x2.5“ B

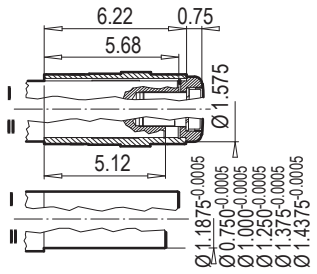


SK 1382.1 **EA**

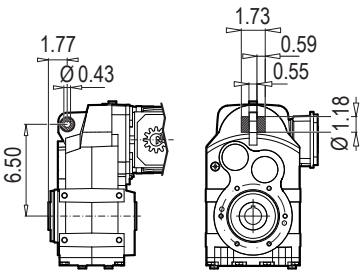


N30 x 1,25 x 22 x 9H

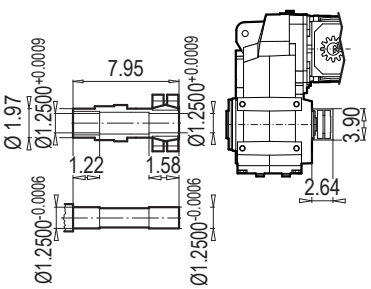
SK 1382.1 AXZ(N)**B**



SK 1382.1 AXZ(N)G
VXZ(N)G



SK 1382.1 AXZ(N)**SH**
AXF(N)**SH**

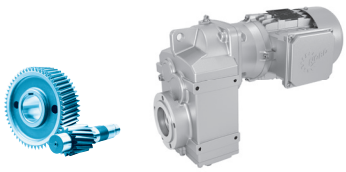


	63 SP/LP	71 SP/LP	80 SP/LP	90 SP/LP	100 LP/AP
g	5.09	5.72	6.43	7.19	7.95
g1 / g1Bre	4.51 / 4.84	4.86 / 5.24	5.59 / 5.59	5.79 / 5.79	6.65 / 6.77
k / kBre	15.55 / 17.76	17.13 / 19.41	18.11 / 20.63	19.72 / 22.68	20.91 / 24.49
k1 / k1Bre	13.19 / 15.39	14.76 / 17.05	15.75 / 18.27	17.36 / 20.32	18.54 / 22.13
o / oBre	7.72 / 9.92	9.29 / 11.58	10.28 / 12.80	11.89 / 14.84	13.07 / 16.65
m / mBre	0.63 / 0.87	1.65 / 1.89	1.85 / 1.97	2.05 / 2.17	2.28 / 2.44
n / nBre	3.95 / 5.28	3.95 / 5.28	4.49 / 6.03	4.49 / 6.03	4.49 / 6.03
p / pBre	3.95 / 3.51	3.95 / 3.51	4.49 / 4.25	4.49 / 4.25	4.49 / 4.25

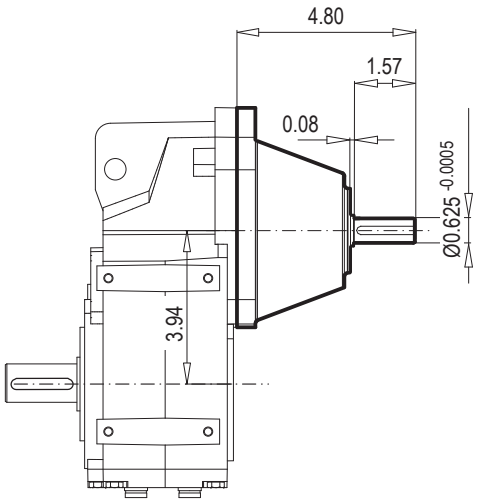
W ⇨ 54

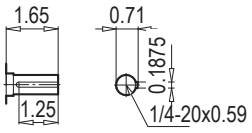
NEMA ⇨ 55

Notes



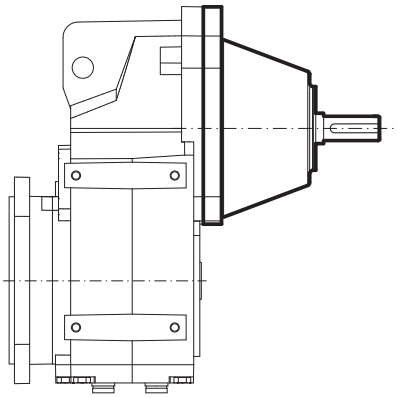
SK 0182.1 , SK 0282.1 VXZ (AXZ)



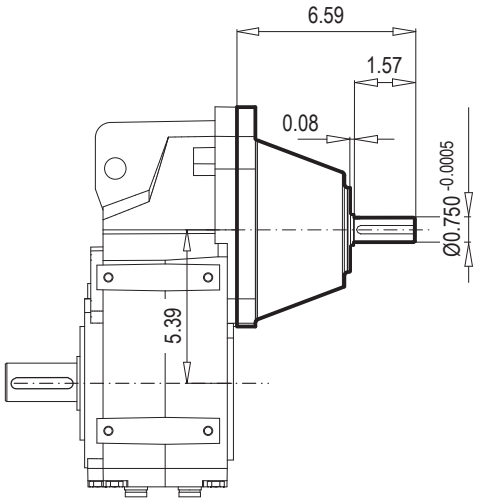


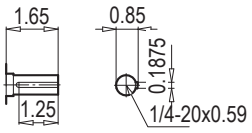
KEY: 3/16x3/16x1-1/4" B

SK 0182.1 , SK 0282.1 VXF (AXF)



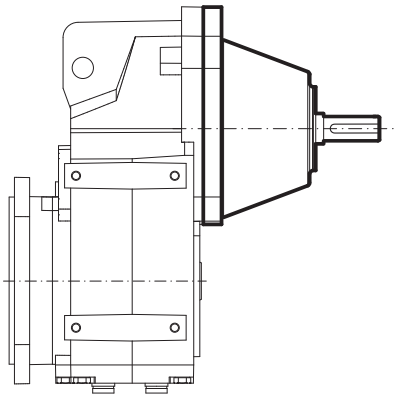
SK 1282.1 , SK 1382.1 VXZ (AXZ)





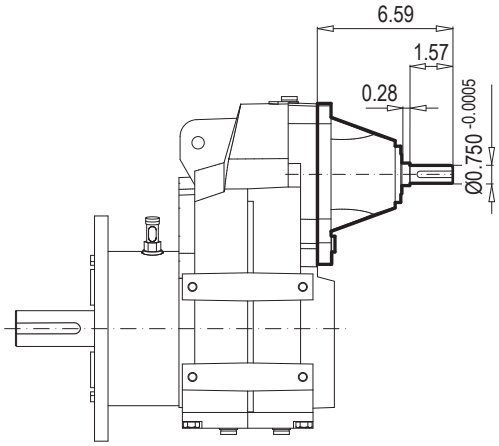
KEY: 3/16x3/16x1-1/4" B

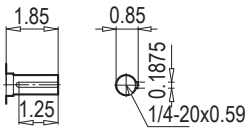
SK 1282.1 , SK 1382.1 VXF (AXF)



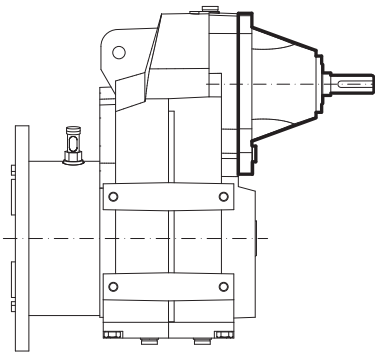
VL2 / VL3

SK 1282.1 , SK 1382.1 VXF (AXF)



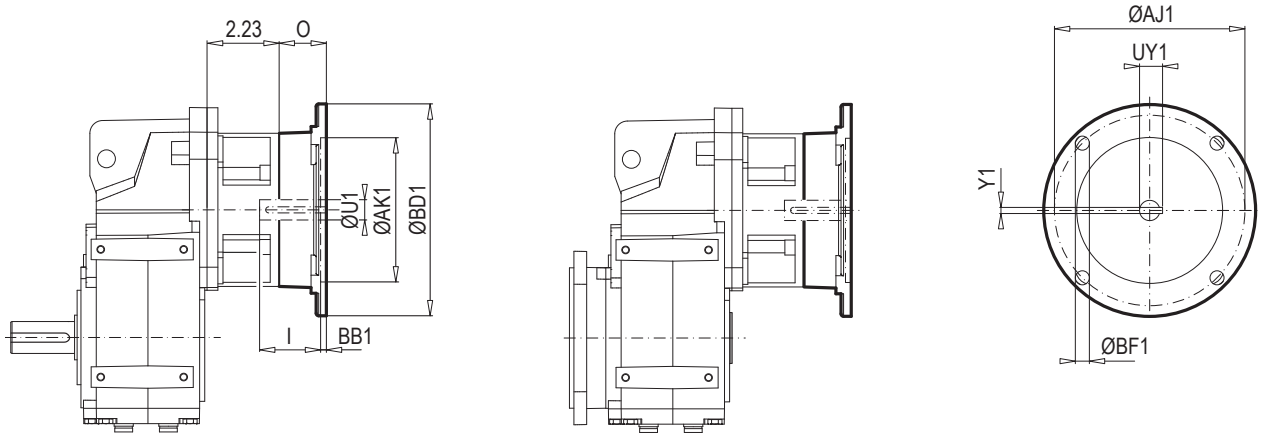


KEY: 3/16x3/16x1-1/4" B



SK 0182.1 , SK 0282.1 VXZ (AXZ) VXF (AXF) - NEMA 56 C, 140 TC

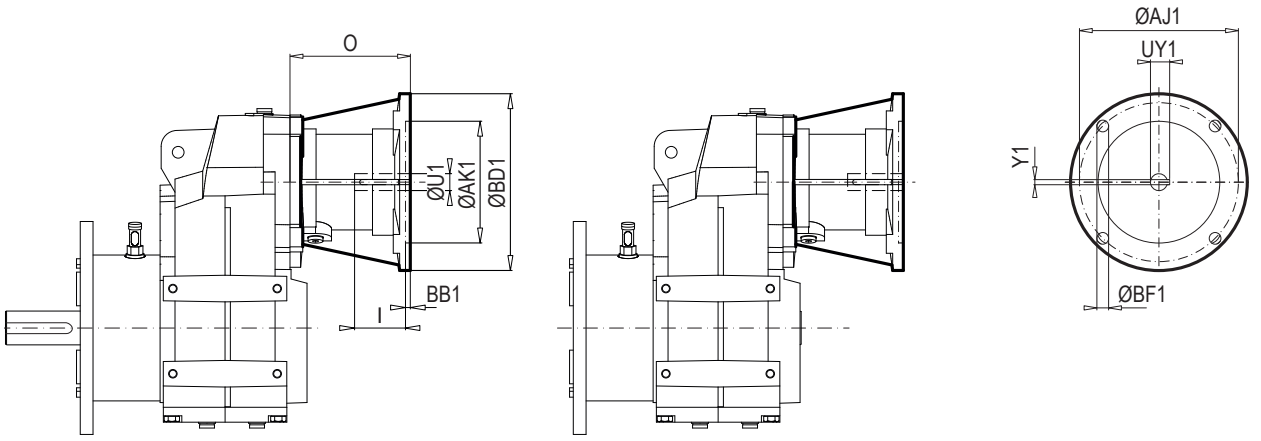
SK 1282.1 , SK 1382.1 VXZ (AXZ) VXF (AXF) - NEMA 56 C, 140 TC, 180 TC



NEMA	Ø BD1	Ø AK1	Ø AJ1	BB1	Ø BF1	O	Ø U1	UY1	Y1	I
56 C	6.54	4.45	5.875	0.18	0.43	1.46	0.625	0.709	0.1875	2.060
140 TC	6.54	4.45	5.875	0.18	0.43	1.93	0.875	0.964	0.1875	2.120
180 TC	9.17	8.50	7.250	0.23	0.55	2.16	1.125	1.252	0.250	2.853

VL2 / VL3

SK 1282.1 , SK 1382.1 VXF (AXF) VL2 / VL3 - NEMA 56 C, 140 TC, 180 TC



NEMA	Ø BD1	Ø AK1	Ø AJ1	BB1	Ø BF1	O	Ø U1	UY1	Y1	I
56 C	6.54	4.50	5.875	0.18	0.43	4.45	0.625	0.709	0.1875	1.890
140 TC	6.54	4.50	5.875	0.18	0.43	4.45	0.875	0.964	0.1875	1.929
180 TC	9.17	8.50	7.250	0.23	0.433	5.65	1.125	1.240	0.250	2.402

Notes

An overview of the NORD® range

G1000 Fixed speeds
UNICASE™ housing 50 Hz, 60 Hz

- NORDBLOC.1 Helical geared motors
- Helical geared motors
- Parallel geared motors
- Bevel geared motors
- Helical worm geared motors

G4014 Electronic variable speed drives

- NORDBLOC.1 Helical geared motors
- Helical geared motors
- Parallel geared motors
- Bevel geared motors
- Helical worm geared motors

G1050 MAXXDRIVE® Industrial gear units
UNICASE housing 50 / 60 Hz

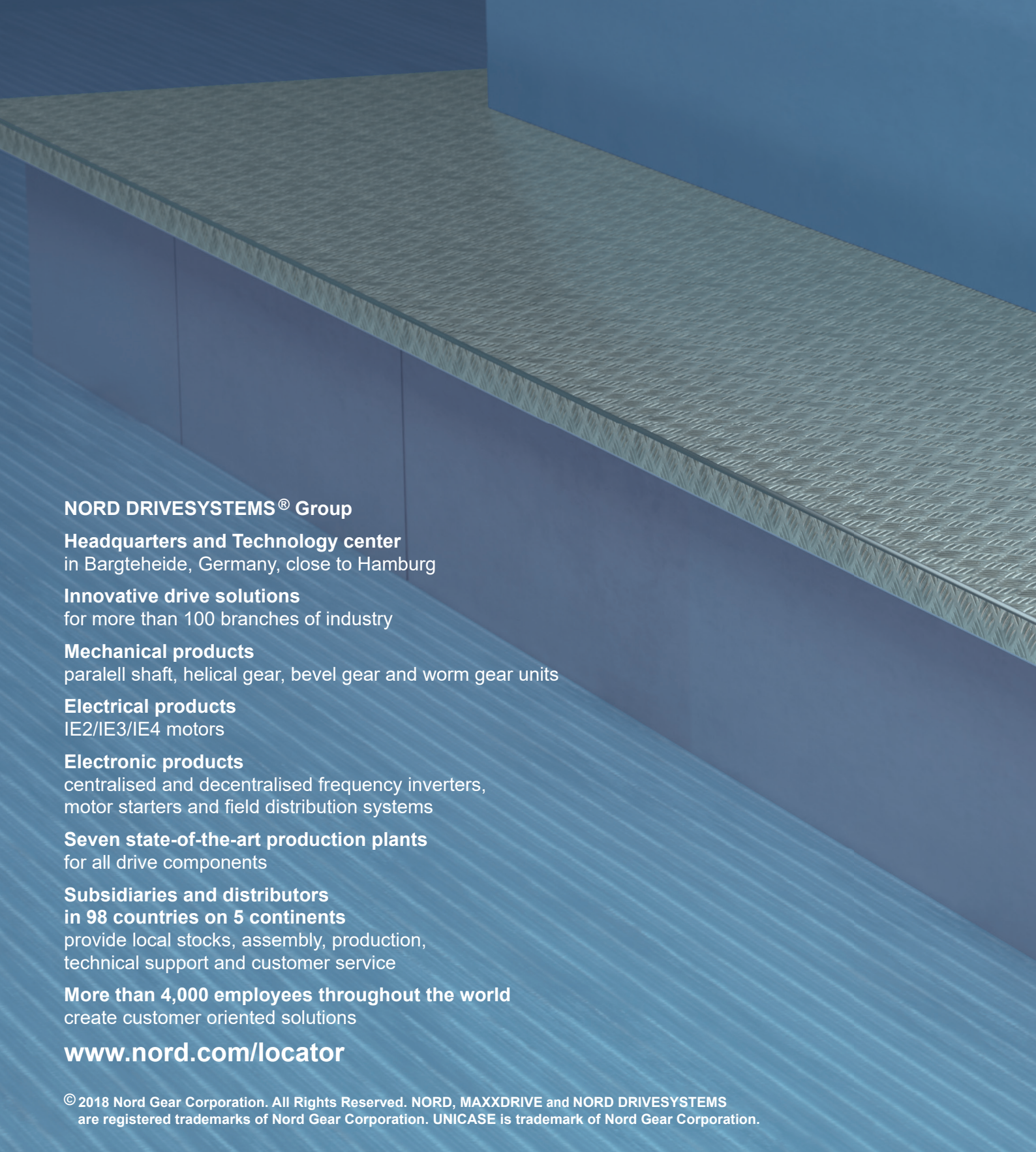
- Parallel-Axis
- Right-Angle

G1035 UNIVERSAL Worm gear units

- SI and SMI

F3018_E3000 Frequency inverter SK180E
F3020_E3000 Frequency inverter SK200E

F3060_E3000 NORDAC PRO
Frequency inverter SK500P



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