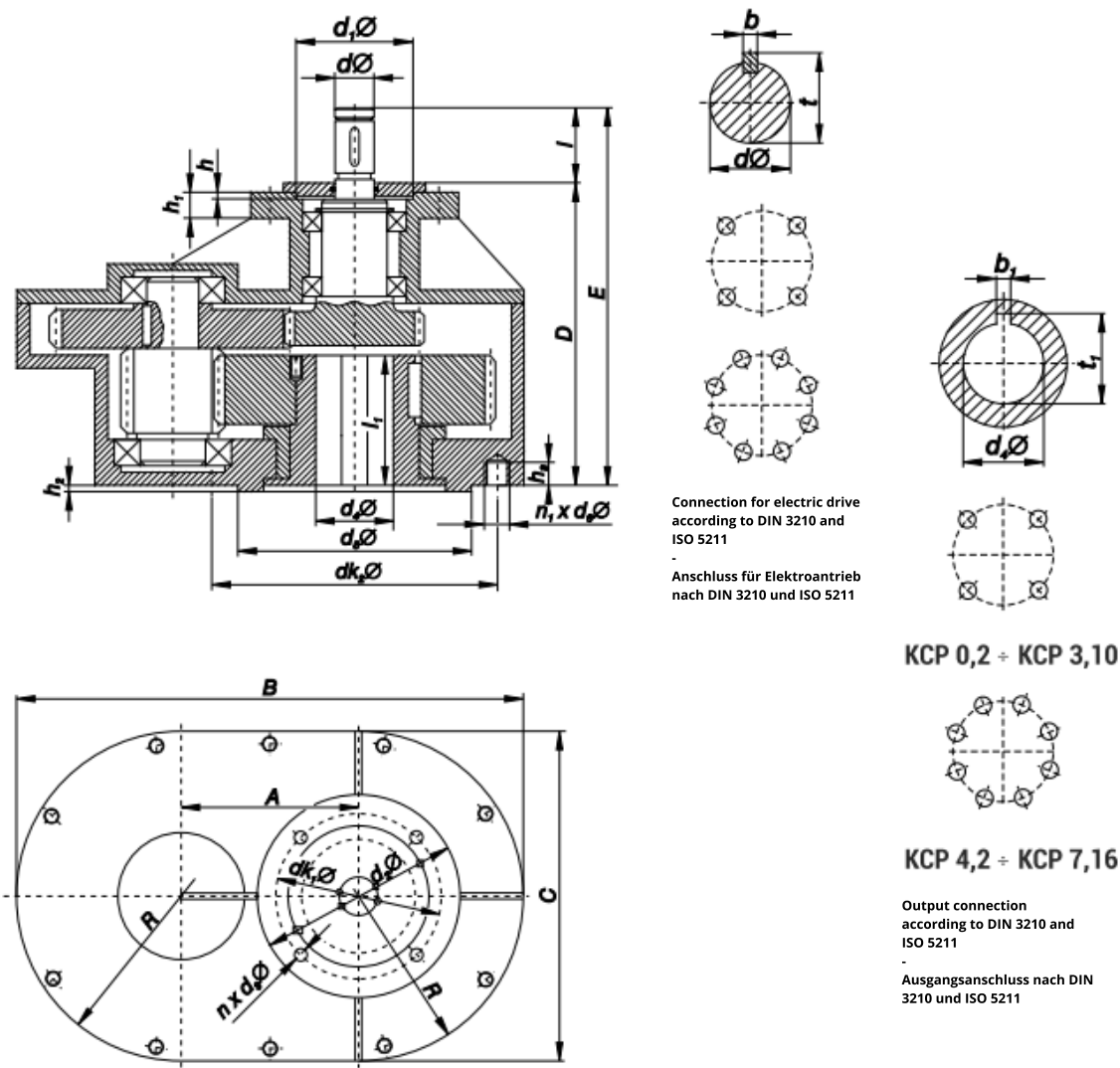


CYLINDRICAL GEARS

STIRNRÄDER

Coaxial cylindrical gears / Koaxiale Stirnräder



Coaxial cylindrical gear designation/Bezeichnung des koaxialen Stirnrades					Basic overall dimensions/Grundlegende Gesamtabmessungen						Mass/Masse (kg)
					A	B	C	D	E	F	
KCP-0.2	KCP-0.3	KCP-0.6			93	275	188	167	207	94	15
KCP-1.2	KCP-1.3	KCP-1.6			93	275	188	167	217	94	20
KCP-2.2	KCP-2.3	KCP-2.6			93	275	188	187	252	94	30
KCP-3.2	KCP-3.3	KCP-3.6	KCP-3.8	KCP-3.10	108	324	216	190	255	108	50
KCP-4.2	KCP-4.3	KCP-4.6	KCP-4.8	KCP-4.10	138	418	280	224	304	140	70
KCP-5.3	KCP-5.6	KCP-5.8	KCP-5.10	KCP-5.12 KCP-5.16	210	620	410	266	346	209	110
KCP-6.3	KCP-6.6	KCP-6.8	KCP-6.10	KCP-6.12 KCP-6.16	250	730	480	310	390	240	150
KCP-7.6	KCP-7.8	KCP-7.10	KCP-7.12	KCP-7.16	310	920	610	394	474	305	200

CYLINDRICAL GEARS

STIRNRÄDER

Coaxial cylindrical gears / Koaxiale Stirnräder

Coaxial cylindrical gear designation / Bezeichnung des koaxialen Stirnrades	Rated torque / Nenndrehmoment (Nm)	Nominal gear ratio / Nennübersetzung (lpr)	Maximum input torque / Maximales Eingangsrehmoment (Nm)	Input port size according to / Eingangsportgröße gem		Output port size according to / Ausgangsportgröße gem	
				DIN 3210	ISO 5211	DIN 3210	ISO 5211
KCP 0.2	100	2:1	54	-	F-07	0	-
KCP 0.3		3:1	36	-	F-07	0	-
KCP 0.6		6:1	18	-	F-07	0	-
KCP 1.2	200	2:1	108	0	-	1/2	F-14
KCP 1.3		3:1	72	0	-	1/2	F-14
KCP 1.6		6:1	36	-	F-07	1/2	F-14
KCP 2.2	300	2:1	161	1/2	F-14	3	F-16
KCP 2.3		3:1	108	0	-	3	F-16
KCP 2.6		6:1	54	0	-	3	F-16
KCP 3.2	600	2:1	323	1/2	F-14	3	F-16
KCP 3.3		3:1	215	1/2	F-14	3	F-16
KCP 3.6		6:1	108	0	-	3	F-16
KCP 3.8		8:1	81	0	-	3	F-16
KCP 3.10		10:1	65	0	-	3	F-16
KCP 4.2	2000	2:1	1124	3	F-16	-	F-25
KCP 4.3		3:1	749	3	F-16	-	F-25
KCP 4.6		6:1	358	1/2	F-14	-	F-25
KCP 4.8		8:1	269	1/2	F-14	-	F-25
KCP 4.10		10:1	215	1/2	F-14	-	F-25
KCP 5.3	3000	3:1	1075	3	F-16	-	F-30
KCP 5.6		6:1	538	3	F-16	-	F-30
KCP 5.8		8:1	403	3	F-16	-	F-30
KCP 5.10		10:1	323	1/2	F-14	-	F-30
KCP 5.12		12:1	269	1/2	F-14	-	F-30
KCP 5.16		16:1	202	1/2	F-14	-	F-30
KCP 6.3	6000	3:1	2150	-	F-30	-	F-35
KCP 6.6		6:1	1075	3	F-16	-	F-35
KCP 6.8		8:1	806	3	F-16	-	F-35
KCP 6.10		10:1	645	3	F-16	-	F-35
KCP 6.12		12:1	538	3	F-16	-	F-35
KCP 6.16		16:1	403	3	F-16	-	F-35
KCP 7.6	12000	6:1	2150	-	F-30	-	F-40
KCP 7.8		8:1	1613	-	F-25	-	F-40
KCP 7.10		10:1	1290	-	F-25	-	F-40
KCP 7.12		12:1	1075	3	F-16	-	F-40
KCP 7.16		16:1	806	3	F-16	-	F-40

Input port sizes / Eingangsportgrößen

DIN 3210	ISO 5211	d _g Ø g6	d _H Ø H8	dk ₁ Ø	d _e Ø	h	h ₁ *	l *	d _e Ø x n		t	b h9
										otv.		
-	F-07	14	55	70	90	4	8	40	9	4	16	5
0	-	20	60	102	125	4	12	50	11	4	22,5	6
1/2	F-14	30	100	140	175	5	17	65	18	4	33	8
3	F-16	40	130	165	210	6	20	80	22	4	43	12
-	F-25	50	200	254	300	6	22	100	18	8	53,5	14
-	F-30	60	230	298	350	6	25	120	22	8	64	18

*Non-standard sizes / Nicht standardmäßige Größen

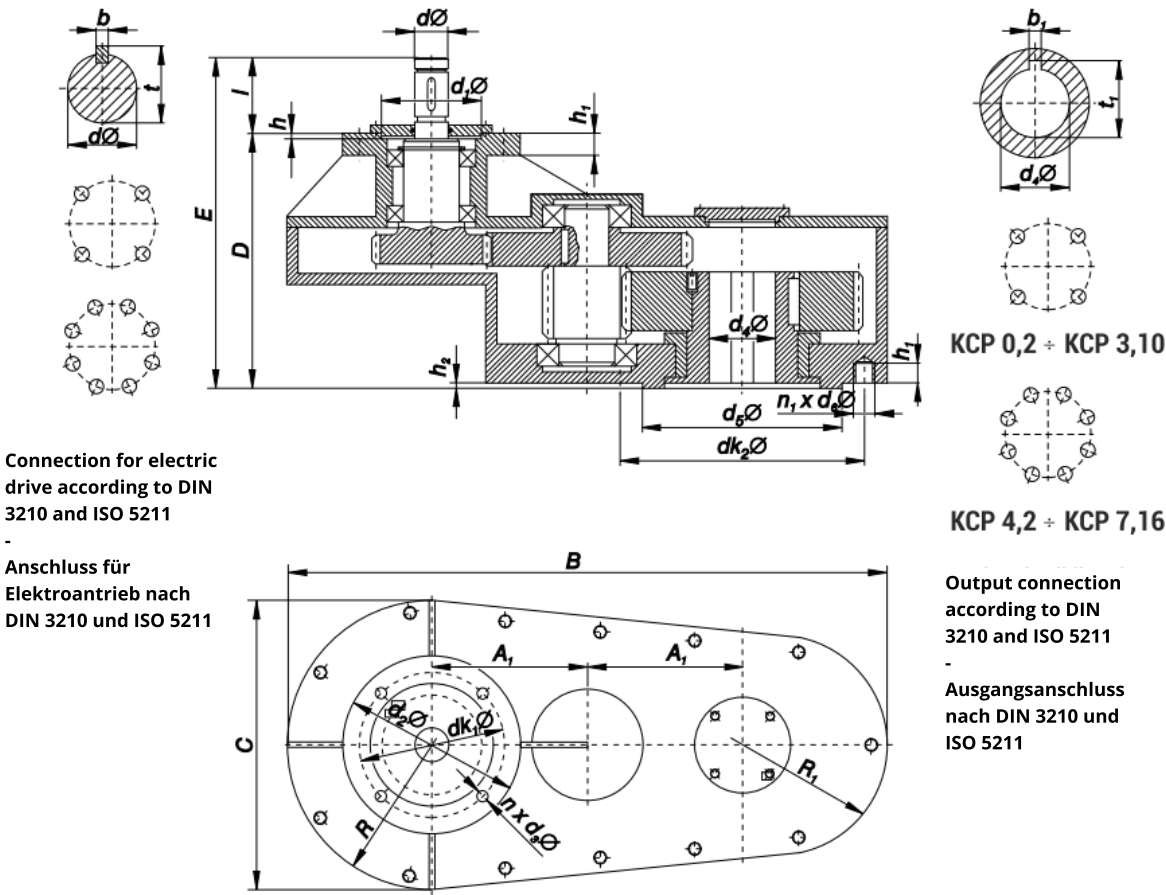
Output port sizes / Ausgangsportgrößen

DIN 3210	ISO 5211	d _e Ø H6	d _f Ø f8	dk ₂ Ø	h ₂	h ₃	l ₁ * min	d _e Ø x n ₁		t ₁	b ₁ J9
								Thread	otv.		
0	-	20	60	102	3	-	70	M10	-	22,5	6
1/2	F-14	30	100	140	3	22	70	M16	4	33	8
3	F-16	40	130	165	5	25	95	M20	4	43	12
-	F-25	50	200	254	5	25	105	M16	8	53,5	14
-	F-30	60	230	298	5	30	125	M20	8	64	18
-	F-35	80	260	356	5	40	125	M30	8	85,5	22
-	F-40	100	300	406	8	50	155	M36	8	106	28

CYLINDRICAL GEARS

STIRNRÄDER

Cylindrical gears / Stirnräder



NOTE / NOTIZ

THE RATED TORQUE, TRANSMISSION RATIO AND CONNECTION DIMENSIONS CORRESPOND TO COAXIAL CYLINDRICAL GEARS

Cylindrical gear designation/Bezeichnung des Stirnrades					Basic overall dimensions/Grundlegende Gesamtabmessungen								Mass/ Masse (kg)
					A	A ₁	B	C	D	E	R	R ₁	
CP-1.2	CP-1.3	CP-1.6			85	70	300	190	102	152	95	55	20
CP-2.2	CP-2.3	CP2.6			120	90	405	250	114	164	125	70	30
CP-3.2	CP-3.3	CP-3.6			170	116	554	320	127	177	160	88	50
CP-4.2	CP-4.3	CP-4.6	CP-4.8	CP-4.10	240	150	704	408	142	207	204	110	70
CP-5.2	CP-5.6	CP-5.8	CP-5.10		338	194	930	520	158	223	260	138	110