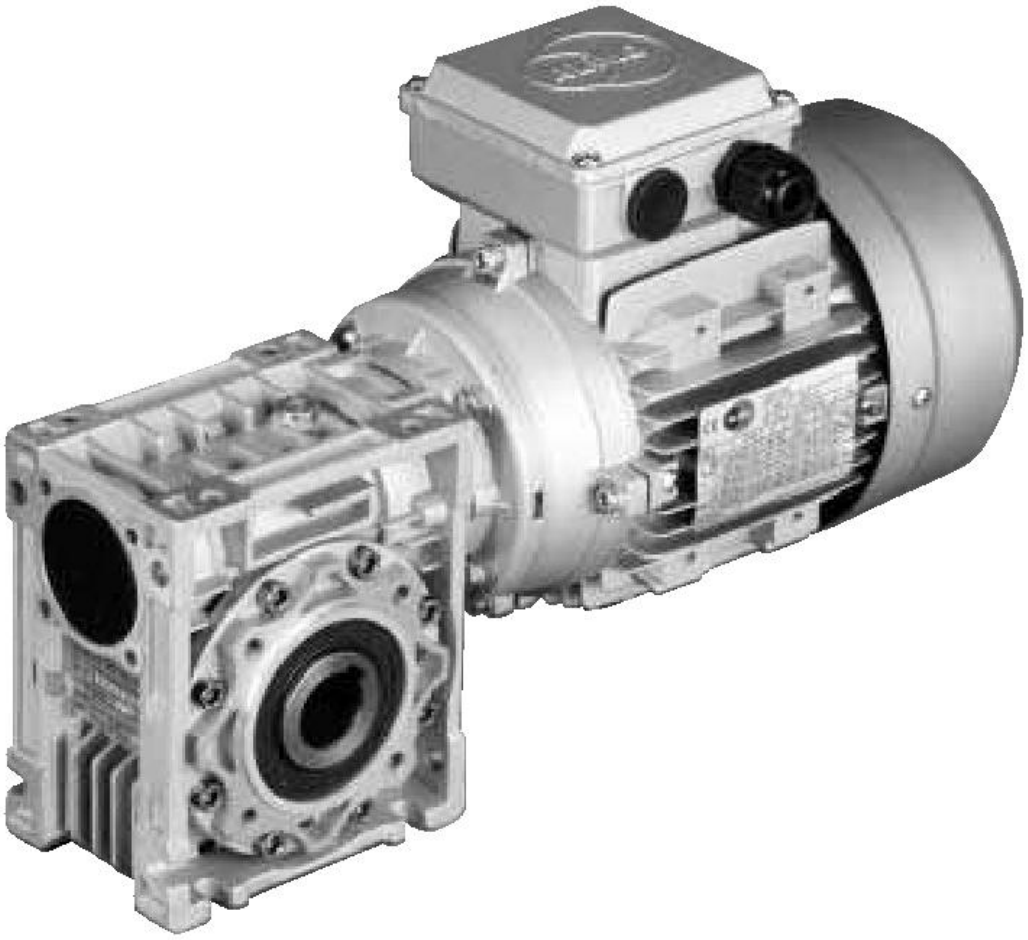
SCHNECKENGETRIEBEMOTOREN



Eigenschaften:

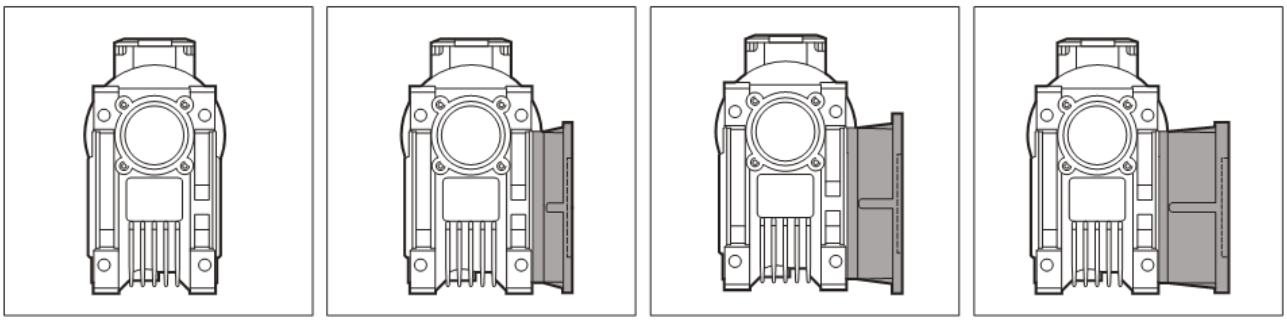
- Die Getriebe Baugröße 026 bis 090 besitzen ein Aluminiumgehäuse
- Die Getriebe Baugröße 110 und 130 besitzen ein Graugussgehäuse
- Die Getriebe der Baugröße 075, 090, 110 und 130 sind mit Kegelrollenlagern am Abtrieb ausgeführt

Bezeichnung:

GETRIEBE							MOTOR				
CM	**050**	**FD**	**20**	**P71**	**B5**	**B3**	**71B4**	**B5**	**230/400**	**50Hz**	**T1**
Typ	Größe	Ausführung	Übersetzung	Größe IEC	Bauform	Einbaulage	Größe IEC	Bauform	Spannung	Frequenz	Lage Klemmenkasten
CM	030 040 050 063 075 090 110 130	U FD FS FBD FBS FLD FLS		56.. — 132..	B5 B14	B3 B6 B7 B8 V5 V6	56.. — 132..	B5 B14	—	50Hz 60Hz	T1 T2 T3 T4 T1 T2 T4 T3

Ausführungen:

Die Schneckengetriebe CM werden in 4 Ausführungen angeboten.



U F FB FL

Symbole:

n1	[min-1]	Eintriebsdrehzahl	sf		Servicefaktor
n2	[min-1]	Abtriebsdrehzahl	Rd	[%]	Dynamischer Wirkungsgrad
i		Übersetzung	Rs	[%]	Statischer Wirkungsgrad
P1	[kW]	Motorleistung	R2	[N]	Radialkraft
Mn	[Nm]	Getriebenennmoment			
M2	[Nm]	Abtriebsmoment			

Radsätze:

	Daten Schneckenrad-satz	Übersetzung										
		7.5	**10**	**15**	**20**	**25**	**30**	**40**	**50**	**60**	**80**	**100**
CM030	**Mx**	1.44	1.44	1.44	1.1	1.7	1.44	1.1	0.89	0.74	0.56	
	Z	4	3	2	2	1	1	1	1	1	1	
	β	18°55'	14°25'	9°44'	7°49'	5°33'	4°54'	3°55'	3°17'	2°43'	2°07'	
	Rd $_{(1400min^{-1})}$	85	82	77	73	67	65	58	54	50	43	
	Rs	66	64	55	51	41	39	33	30	26	22	
CM040	**Mx**	2.05	2.05	2.05	1.56	1.27	2.05	1.56	1.27	1.06	0.8	0.65
	Z	4	3	2	2	2	1	1	1	1	1	1
	β	23°54'	18°23'	12°30'	10°03'	8°45'	6°19'	5°04'	4°24'	3°42'	2°52'	2°29'
	Rd $_{(1400min^{-1})}$	86	84	81	77	73	70	65	62	58	52	47
	ηs	70	65	59	54	50	45	40	35	30	26	21
CM050	**Mx**	2.56	2.56	2.56	1.95	1.58	2.56	1.95	1.58	1.32	1	0.8
	Z	4	3	2	2	2	1	1	1	1	1	1
	β	23°49'	18°19'	12°27'	10°03'	8°33'	6°18'	5°04'	4°18'	3°38'	2°52'	2°17'
	Rd $_{(1400min^{-1})}$	86	84	81	78	75	71	67	63	58	52	47
	Rs	69	65	59	55	50	43	38	34	31	25	21
CM063	**Mx**	3.25	3.25	3.25	2.48	2	3.25	2.48	2	1.68	1.27	1.02
	Z	4	3	2	2	2	1	1	1	1	1	1
	β	24°31'	18°53'	12°51'	10°29'	8°45'	6°30'	5°17'	4°24'	3°49'	2°59'	2°26'
	Rd $_{(1400min^{-1})}$	87	86	84	81	77	73	70	66	60	55	50
	Rs	70	65	58	55	50	44	40	35	31	26	22
CM075	**Mx**	3.95	3.95	3.95	3	2.42	3.95	3	2.42	2.02	1.54	1.24
	Z	4	3	2	2	2	1	1	1	1	1	1
	β	26°38'	20°37'	14°05'	11°19'	9°29'	7°09'	5°43'	4°46'	4°01'	3°17'	2°44'
	Rd $_{(1400min^{-1})}$	88	86	83	81	78	75	71	67	63	58	53
	Rs	71	68	60	56	51	44	40	35	32	26	23
CM090	**Mx**	4.84	4.84	4.84	3.69	2.98	4.84	3.69	2.98	2.5	1.89	1.52
	Z	4	3	2	2	2	1	1	1	1	1	1
	β	29°05'	22°39'	15°33'	12°50'	10°53'	7°55'	6°30'	5°29'	4°46'	3°45'	3°06'
	Rd $_{(1400min^{-1})}$	88	87	85	83	82	76	74	72	69	63	58
	Rs	72	70	63	59	55	47	43	41	38	31	25
CM110	**Mx**	5.875	5.875	5.875	4.62	3.73	5.875	4.62	3.73	3.13	2.37	1.91
	Z	4	3	2	2	2	1	1	1	1	1	1
	β	28°15'	21°57'	15°02'	14°42'	12°33'	7°39'	7°29'	6°21'	5°33'	4°27'	3°39'
	Rd $_{(1400min^{-1})}$	89	87	85	84	83	77	76	74	72	67	62
	Rs	71	68	61	60	58	46	45	42	41	35	26
CM130	**Mx**	6.97	6.97	6.97	5.4	4.37	6.97	5.4	4.37	3.67	2.77	2.23
	Z	4	3	2	2	2	1	1	1	1	1	1
	β	28°43'	22°20'	15°19'	13°47'	11°54'	7°48'	7°00'	6°01'	5°16'	4°08'	3°27'
	Rd $_{(1400min^{-1})}$	89	88	86	84	83	79	76	75	73	69	64
	Rs	72	70	62	60	57	47	45	41	37	32	28

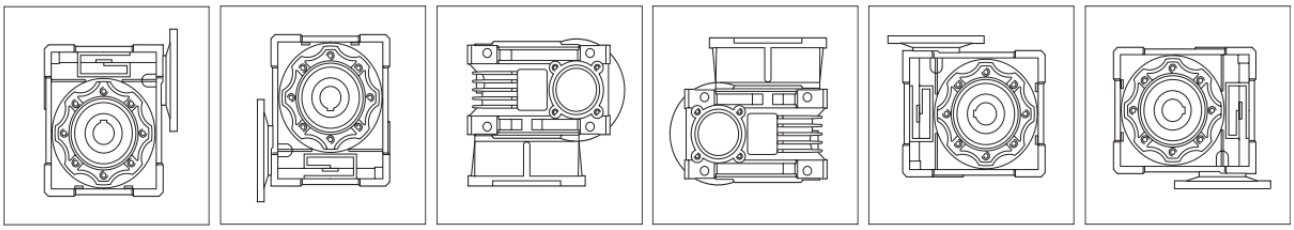
Schmierstoffe:

Die Getriebe sind für Einbaulage B3 mit Schmierstoff befüllt. Bei den Baugrößen 110 und 130 muss die Schmierstoffmenge bei einer von B3 abweichenden Einbaulage gemäß nachfolgender Tabelle angepasst werden.

	Empfohlene Schmierstoffe						
	IP	**SHELL**	**AGIP**	**ESSO**	**MOBIL**	**CASTROL**	**BP**
CM030-CM090	Telium VSF	Tivela Oil SC320	Blasia S320	S320	Glygoyle 30	Alphasyn PG320	Energol SG-XP320
CM110-CM130	Mellana Oil 460	Omala Oil 460	Blasia 460	Spartan EP 46	Mobil Gear 634	Alphamax 460	Energol GR-XP460

Einbaulagen:

Einbaulagen

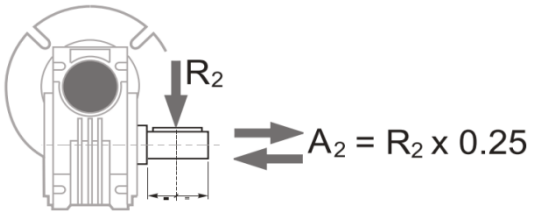


B3 (standard) | B8 | B6 | B7 | V5 | V6

Getriebe der Größen CM30 bis CM90 sind lebensdauergeschmiert und wartungsfrei. Bei den Getriebegrößen CM110 und CM130 ist ein Ölwechsel nach 400 Stunden und danach alle 4000 Stunden notwendig.

	Ölfüllmenge (Liter)						
	B3	B8	B6	B7	V5	V6	
CM030	0.04						Lebensdauer-schmierung
CM040	0.08						
CM050	0.15						
CM063	0.30						
CM075	0.55						
CM090	1.0						
CM110	3.0	2.2	2.5	2.5	3.0	3.0	
CM130	4.5	3.3	3.5	3.5	4.5	4.5	

Querkräfte:



n_2 [min^{-1}]	R_2 [N]							
	CM030	CM040	CM050	CM063	CM075	CM090	CM110	CM130
187	770	1000	1340	1380	1860	2360	2850	3800
140	820	1100	1520	1760	2470	2520	2990	4040
93	880	1260	1700	1830	2830	2620	3420	4560
70	990	1420	1940	2030	3250	2780	3940	5030
56	1040	1570	2200	2260	3460	3740	4610	6270
47	1080	1630	2270	2290	3620	3930	4940	6650
35	1100	1680	2340	2410	3880	4040	5410	7120
28	1180	1780	2520	2620	4090	4620	5890	7790
23	1240	1890	2710	2830	4300	4850	6270	8310
18	1410	2200	2990	3250	4670	5770	7410	9780
14	1570	2410	3360	3460	4930	6090	7840	10160

Technische Daten:

n2 [min⁻¹]	M2 [Nm]	sf	i			kg
0.09 kW						
14	29	1,0	100	CM040	- MTA56G4	6
18	26	1,3	80			
23	21	1,7	60			
28	19	2,0	50			
23	18	0,8	60	CM030	- MTA56G4	5
28	17	1,1	50			
35	14	1,3	40			
47	12	1,7	30			
56	10	1,9	25			
70	9	2,0	20			
93	7	2,5	15			
140	5	3,4	10			
187	4	4,3	7,5			
23	19	0,5	60	CM026	- MTA56G4	4
28	16	0,6	50			
35	14	0,8	40			
47	12	0,9	30			
70	9	1,1	20			
93	7	1,4	15			
140	5	2,0	10			
0.12 kW						
14	38	1,4	100	CM050	- MTA63K4	8
18	34	1,8	80			
23	28	2,3	60			
28	26	2,8	50			
35	22	3,5	40			
18	34	1,0	80	CM040	- MTA63K4	6
23	28	1,3	60			
28	25	1,5	50			
35	21	1,9	40			
47	17	2,6	30			
56	15	2,5	25			
70	13	3,1	20			
93	10	3,8	15			
140	7	5,5	10			
187	5	7,2	7,5			
28	22	0,8	50	CM030	- MTA63K4	5
35	19	0,9	40			
47	16	1,3	30			
56	14	1,5	25			
70	12	1,5	20			
93	9	1,9	15			
140	7	2,5	10			
187	5	3,3	7,5			
0.18 kW						
14	58	0,9	100	CM050	- MTA63G4	9
18	51	1,2	80			
23	43	1,5	60			
28	39	1,9	50			
35	33	2,3	40			

n2 [min⁻¹]	M2 [Nm]	sf	i			kg
0.18kW						
23	43	0,8	60	CM040	- MTA63G4	7
28	38	1,0	50			
35	32	1,3	40			
47	26	1,7	30			
56	22	1,7	25			
70	19	2,1	20			
93	15	2,5	15			
140	10	3,7	10			
187	8	4,8	7,5			
47	24	0,8	30	CM030	- MTA63G4	6
56	21	1,0	25			
70	18	1,0	20			
93	14	1,3	15			
140	10	1,7	10			
187	8	2,2	7,5			
0.25kW						
14	90	1,9	100	CM075	- MTA71K4	14
18	79	2,4	80			
23	64	3,0	60			
14	85	1,4	100	CM063	- MTA71K4	12
18	75	1,6	80			
23	61	2,1	60			
28	56	2,4	50			
18	71	0,9	80	CM050	- MTA71K4	9
23	59	1,1	60			
28	54	1,3	50			
35	46	1,7	40			
47	36	2,3	30			
56	32	2,2	25			
70	27	2,7	20			
93	21	3,4	15			
35	44	0,9	40	CM040	- MTA71K4	8
47	36	1,2	30			
56	31	1,3	25			
70	26	1,5	20			
93	21	1,8	15			
140	14	2,7	10			
187	11	3,5	7,5			
0.37kW						
14	134	1,3	100	CM075	- MTA71G4	15
18	117	1,6	80			
23	95	2,0	60			
28	85	2,5	50			
14	126	0,9	100	CM063	- MTA71G4	12
18	111	1,1	80			
23	91	1,4	60			
28	83	1,6	50			
35	70	2,0	40			

Technische Daten:

n2 [min^{-1}]	M2 [Nm]	sf	i			kg
0.37 kW						
23	88	0,8	60	CM050	- MTA71G4	10
28	80	0,9	50			
35	68	1,1	40			
47	54	1,5	30			
56	47	1,5	25			
70	39	1,8	20			
93	31	2,3	15			
140	21	3,2	10			
187	16	3,9	7,5			
47	53	0,8	30	CM040	- MTA71G4	8
56	46	0,8	25			
70	39	1,0	20			
93	31	1,2	15			
140	21	1,8	10			
187	16	2,3	7,5			
0.55 kW						
14	233	2,0	100	CM110	- MTA80K4	45
18	201	2,4	80			
14	218	1,2	100	CM090	- MTA80K4	22
18	189	1,5	80			
23	155	2,0	60			
14	199	0,9	100	CM075	- MTA80K4	18
18	174	1,1	80			
23	142	1,4	60			
28	126	1,7	50			
35	107	2,0	40			
23	135	0,9	60	CM063	- MTA80K4	15
28	124	1,1	50			
35	105	1,4	40			
47	82	1,9	30			
56	72	1,9	25			
70	61	2,2	20			
93	47	2,9	15			
47	80	1,0	30	CM050	- MTA80K4	13
56	70	1,0	25			
70	59	1,2	20			
93	46	1,6	15			
140	32	2,3	10			
187	24	2,9	7,5			
0.75 kW						
14	317	1,4	100	CM110	- MTA80G4	46
18	274	1,8	80			
14	297	0,9	100	CM090	- MTA80G4	23
18	258	1,1	80			
23	212	1,5	60			
28	184	1,8	50			
18	237	0,8	80	CM075	- MTA80G4	19
23	193	1,0	60			19
28	171	1,2	50			
35	145	1,5	40			
47	115	2,0	30			
56	100	2,0	25			
70	83	2,4	20			
28	169	0,8	50	CM063	- MTA80G4	16
35	143	1,0	40			
47	112	1,4	30			

n2 [min^{-1}]	M2 [Nm]	sf	i			kg
0.75kW						
56	98	1,4	25	CM063	- MTA80G4	16
70	83	1,6	20			
93	64	2,1	15			
140	44	3,0	10			
187	33	3,7	7,5			
70	80	0,9	20	CM050	- MTA80G4	14
93	62	1,2	15			
140	43	1,7	10			
187	33	2,1	7,5			
1.1kW						
14	480	1,5	100	CM130	- MTA90S4	67
18	414	2,0	80			
23	329	2,7	60			
14	465	1,0	100	CM110	- MTA90S4	48
18	402	1,2	80			
23	324	1,7	60			
28	278	2,2	50			
35	228	2,7	40			
23	311	1,0	60	CM090	- MTA90S4	25
28	270	1,3	50			
35	222	1,6	40			
47	171	2,3	30			
56	154	2,2	25			
35	213	1,0	40	CM075	- MTA90S4	21
47	169	1,3	30			
56	146	1,3	25			
70	122	1,6	20			
93	93	2,1	15			
140	65	2,9	10			
187	50	3,6	7,5			
47	164	1,0	30	CM063	- MTA90S4	18
56	144	0,9	25			
70	122	1,1	20	CM063	- MTA90S4	18
93	95	1,4	15			
140	65	2,0	10			
187	49	2,6	7,5			
1.5 kW						
14	655	1,1	100	CM130	- MTA90L4	68
18	565	1,5	80			
23	448	2,0	60			
18	548	0,9	80	CM110	- MTA90L4	49
23	442	1,3	60			
28	379	1,6	50			
35	311	2,0	40			
28	368	0,9	50	CM090	- MTA90L4	26
35	303	1,2	40			
47	233	1,7	30			
56	210	1,6	25			
47	230	1,0	30	CM075	- MTA90L4	22
56	200	1,0	25			
70	166	1,2	20			
93	127	1,5	15			
140	88	2,2	10			
187	68	2,7	7,5			

Technische Daten:

n2 [min⁻¹]	M2 [Nm]	sf	i			kg
1.5kW						
70	166	0,8	20	CM063	- MTA90L4	19
93	129	1,0	15			
140	88	1,5	10			
187	67	1,9	7,5			
1.85kW						
14	808	0,9	100	CM130	- MTA90Lx4	70
18	697	1,2	80			
23	553	1,6	60			
23	545	1,0	60	CM110	- MTA90Lx4	51
28	467	1,3	50			
35	384	1,6	40			
47	292	2,2	30			
35	374	0,9	40	CM090	- MTA90Lx4	28
47	288	1,4	30			
56	259	1,3	25			
70	209	1,7	20			
93	161	2,2	15			
47	284	0,8	30	CM075	- MTA90Lx4	24
56	246	0,8	25			
70	204	1,0	20			
93	157	1,2	15			
140	109	1,8	10			
187	83	2,2	7,5			
93	159	0,8	15	CM063	- MTA90Lx4	21
140	109	1,2	10			
187	82	1,5	7,5			
2.2kW						
14	960	0,8	100	CM130	- MTA100L4	76
18	828	1,0	80			
23	657	1,4	60			
28	563	1,7	50			
35	456	2,3	40			
23	648	0,9	60	CM110	- MTA100L4	57
28	555	1,1	50			
35	456	1,3	40			
47	347	1,8	30			
56	311	1,9	25			
70	252	2,2	20			
47	342	1,2	30	CM090	- MTA100L4	34
56	308	1,1	25			
70	249	1,4	20			
93	191	1,8	15			
140	131	2,3	10			
187	99	2,8	7,5			
93	187	1,0	15	CM075	- MTA100L4	30
140	129	1,5	10			
187	99	1,8	7,5			
3.0kW						
23	896	1,0	60	CM130	- MTA100Lx4	80
28	767	1,3	50			
35	622	1,7	40			
28	757	0,8	50	CM110	- MTA100Lx4	61
35	622	1,0	40			
47	473	1,3	30			

n2 [min⁻¹]	M2 [Nm]	sf	i			kg
3.0kW						
56	425	1,4	25	CM110	- MTA100Lx4	61
70	344	1,6	20			
93	261	2,2	15			
47	467	0,9	30	CM090	- MTA100Lx4	37
56	420	0,8	25			
70	340	1,0	20			
93	261	1,3	15			
140	178	1,7	10			
187	135	2,1	7,5			
93	255	0,8	15	CM075	- MTA100Lx4	34
140	176	1,1	10			
187	135	1,3	7,5			
4.0kW						
28	1023	0,9	50	CM130	- MTA112M4	84
35	829	1,3	40			
47	647	1,6	30			
56	566	1,6	25			
70	458	2,0	20			
93	352	2,5	15			
47	630	1,0	30	CM110	- MTA112M4	65
56	566	1,0	25			
70	458	1,2	20			
93	348	1,6	15			
140	237	2,2	10			
187	182	2,6	7,5			
70	453	0,8	20	CM090	- MTA112M4	42
93	348	1,0	15			
140	237	1,3	10			
187	180	1,6	7,5			
140	235	0,8	10	CM075	- MTA112M4	39
187	180	1,0	7,5			
5,5kW						
35	1141	0,9	40	CM130	- MTA132S4	99
47	889	1,2	30			
56	778	1,2	25			
70	630	1,4	20			
93	484	1,9	15			
140	330	2,5	10			
187	250	3,0	7,5			
70	630	0,9	20	CM110	- MTA132S4	80
93	478	1,2	15			
140	326	1,6	10			
187	250	1,9	7,5			
7,5kW						
47	1213	0,9	30	CM130	- MTA132M4	109
56	1062	0,9	25			
70	860	1,1	20			
93	660	1,4	15			
140	450	1,8	10			
187	341	2,2	7,5			
93	652	0,9	15	CM110	- MTA132M4	90
140	445	1,2	10			
187	341	1,4	7,5			

Technische Daten:

i	n2 [min^{-1}] n1=1400min^{-1}	Pn kW	Mn Nm sf=1	Rd %	IEC - B5 56	63	71	80	90	100 112	IEC - B14 56	63	71	80	90	100 112
CM26																
60	23	0,05	10	53	B											
50	28	0,05	10	56	B											
40	35	0,07	12	63	B											
30	47	0,09	12	65	B											
20	70	0,12	12	74	B											
15	93	0,14	11	77	B											
10	140	0,20	11	82	B											
5	280	0,34	10	86	B											
CM030																
80	18	0,06	13	43	B						B					
60	23	0,07	15	50	B						B					
50	28	0,10	18	54	B						B					
40	35	0,11	18	58	B						B					
30	47	0,15	20	65	B						B					
25	56	0,18	20	67	B						B					
20	70	0,18	18	73	B						B					
15	93	0,23	18	77	B						B					
10	140	0,30	17	82	B						B					
7,5	187	0,39	17	85	B						B					
CM040																
100	14	0,09	29	47	B											
80	18	0,12	33	52	B											
60	23	0,15	36	58	B											
50	28	0,18	38	62	B											
40	35	0,23	40	65	BS	B						B				
30	47	0,31	44	70	BS	B						B				
25	56	0,31	38	73	BS	B						B				
20	70	0,37	39	77	BS	B						B				
15	93	0,46	38	81	BS	B						B				
10	140	0,66	38	84	BS	B						B				
7,5	187	0,86	38	86	BS	B						B				
CM050																
100	14	0,17	53	47												
80	18	0,22	62	52												
60	23	0,28	66	58												
50	28	0,34	72	63												
40	35	0,42	76	67												
30	47	0,56	82	71												
25	56	0,55	70	75												
20	70	0,68	12	78												
15	93	0,87	72	81												
10	140	1,3	72	84												
7,5	187	1,6	70	86												
CM063																
100	14	0,34	116	50												
80	18	0,39	118	55												
60	23	0,51	126	60			B						B			
50	28	0,60	136	66			B						B			
40	35	0,74	142	70			B						B			
30	47	1,1	160	73			BS	B					BS	B		
25	56	1,0	135	77			BS	B					BS	B		
20	70	1,2	135	81			BS	B					BS	B		
15	93	1,6	135	84			BS	B					BS	B		
10	140	2,2	130	86			BS	B					BS	B		
7,5	187	2,8	125	87			BS	B					BS	B		

Symbole:

i		Übersetzung
n2	[min-1]	Abtriebsdrehzahl
Pn	[kW]	Nennleistung
Mn	[Nm]	Getriebenennmoment
Rd	[%]	Dynamischer Wirkungsgrad

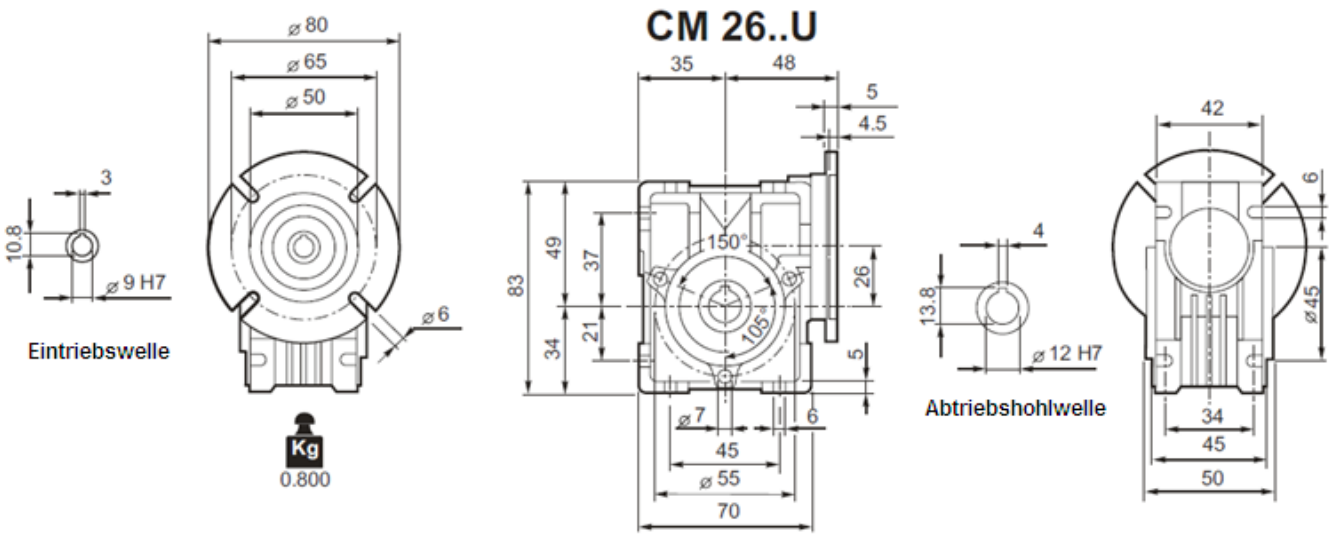
Technische Daten:

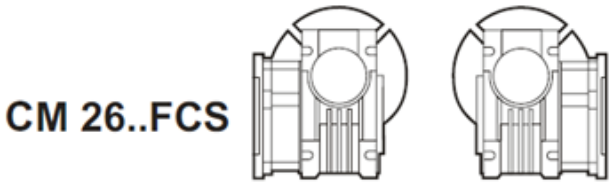
i	n2 [min^{-1}] n1=1400min^{-1}	Pn kW	Mn Nm sf=1	Rd %	IEC - B5 56	63	71	80	90	100 112	IEC - B14 56	63	71	80	90	100 112
CM075																
100	14	0,48	175	53			B									
80	18	0,60	190	58			B									
60	23	0,76	195	63			B									
50	28	0,92	210	67			B									
40	35	1,1	215	71			BS	B						B		
30	47	1,5	225	75			BS	B						B		
25	56	1,5	195	78			BS	B						B		
20	70	1,8	195	81			BS	B						B		
15	93	2,3	195	83				BS	B					BS	B	
10	140	3,2	190	86				BS	B					BS	B	
7,5	187	4,0	180	88				BS	B					BS	B	
CM090																
100	14	0,67	265	58												
80	18	0,81	280	63												
60	23	1,1	315	69				B						B		
50	28	1,4	340	72				B						B		
40	35	1,7	350	74				B						B		
30	47	2,6	400	76				BS	B					BS	B	
25	56	2,4	340	82				BS	B					BS	B	
20	70	3,1	350	83				BS	B					BS	B	
15	93	4,0	350	85				BS	B					BS	B	
10	140	5,1	300	87				BS	B					BS	B	
7,5	187	6,2	280	88				BS	B					BS	B	
CM0110																
100	14	1,1	455	62				B								
80	18	1,3	485	67				B								
60	23	1,9	560	72				BS	B							
50	28	2,4	610	74				BS	B							
40	35	2,0	610	76				BS	B							
30	47	4,0	630	77				BS	B							
25	56	4,2	590	83				BS	B							
20	70	4,9	560	84					BS	B						
15	93	6,6	570	85					BS	B						
10	140	8,8	520	87					BS	B						
7,5	187	10,5	480	89					BS	B						
CM0130																
100	14	1,7	735	64					B							
80	18	2,2	830	69					B							
60	23	3,0	890	73					B							
50	28	3,8	970	75					B							
40	35	5,1	1050	76					BS	B						
30	47	6,5	1050	79					BS	B						
25	56	6,5	920	83					BS	B						
20	70	7,9	910	84					BS	B						
15	93	10,3	910	86					BS	B						
10	140	13,7	820	88					BS	B						
7,5	187	16,5	750	89					BS	B						

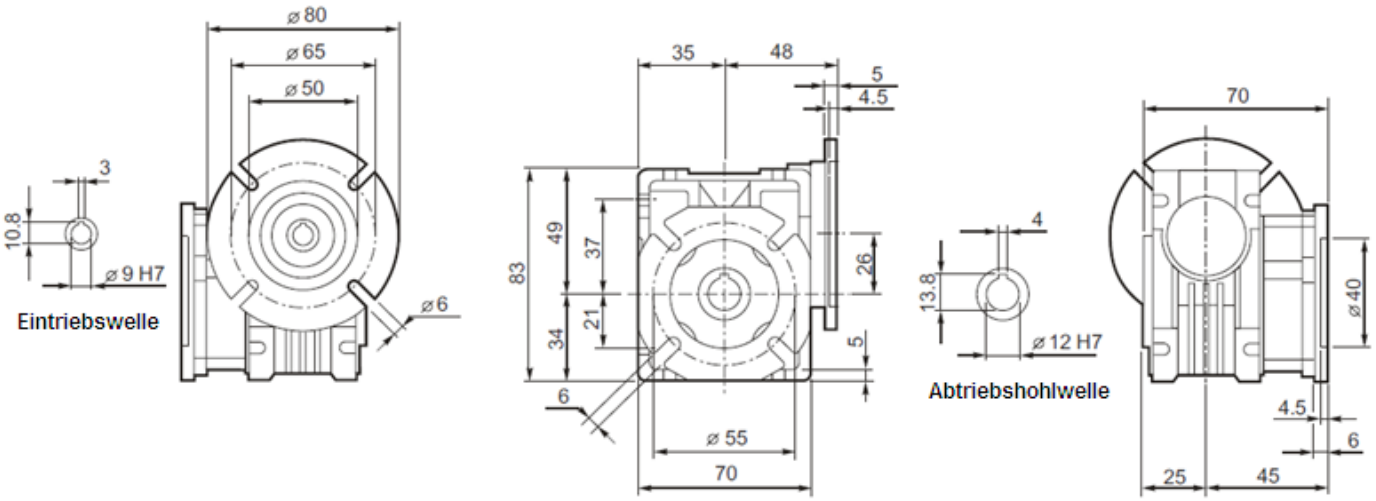
Legende:

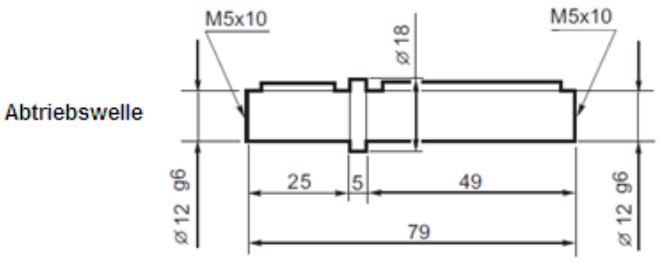
▭	Motorflansch notwendig
B	Montage mit Reduzierhülse
BS	Montage mit doppelter Reduzierhülse

Abmessungen:



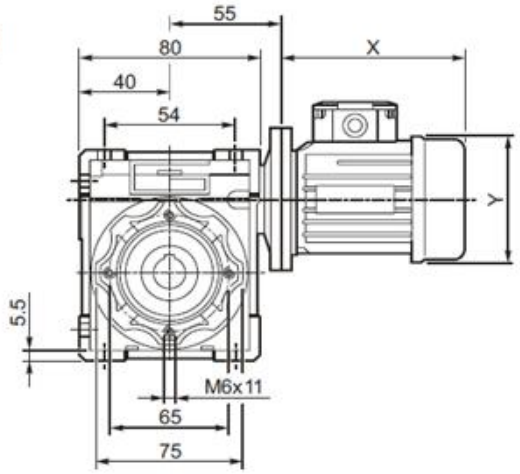


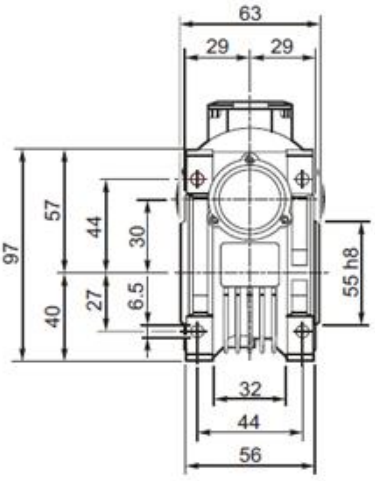




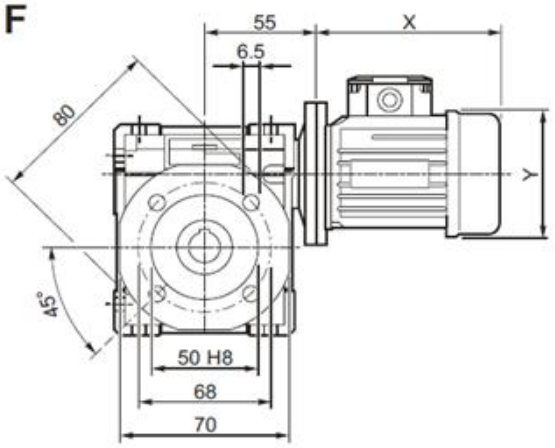
Abmessungen:

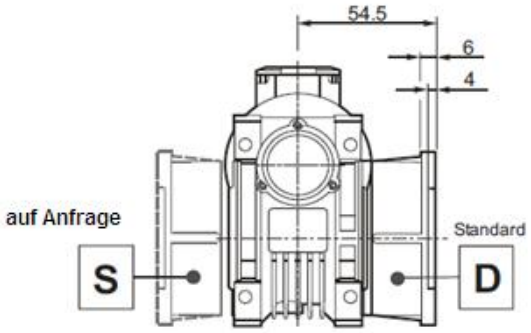
CM 030 U

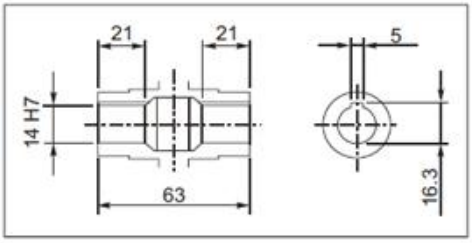




CM 030 F

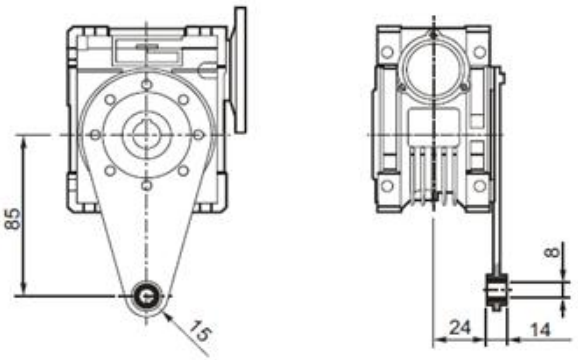




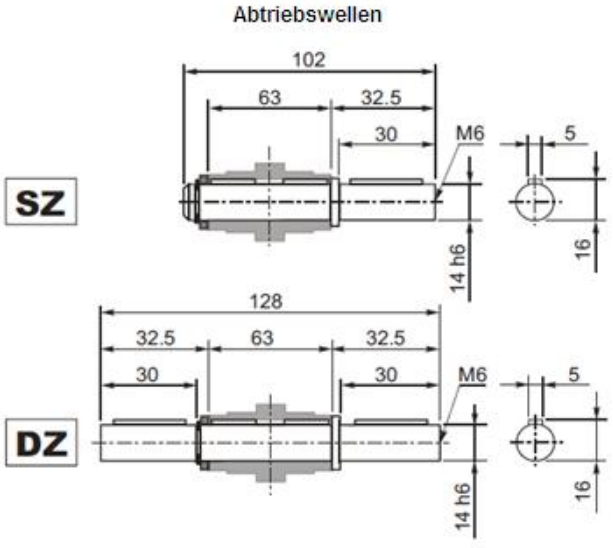


Kg
1.2

Drehmomentstütze

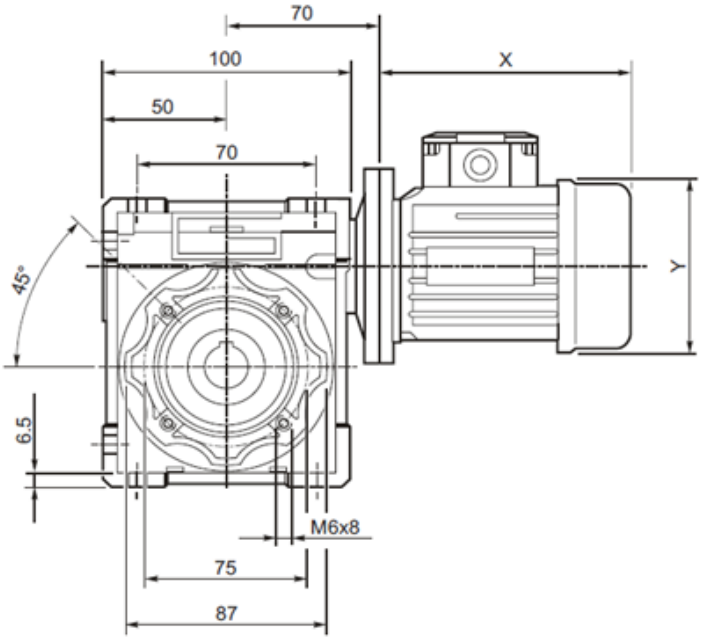


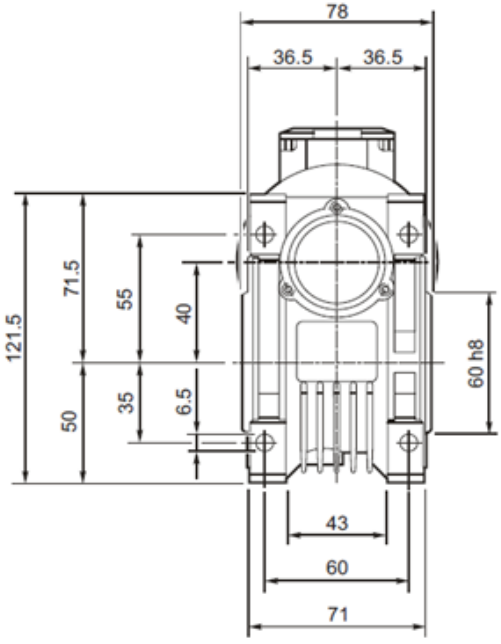
Abtriebswellen

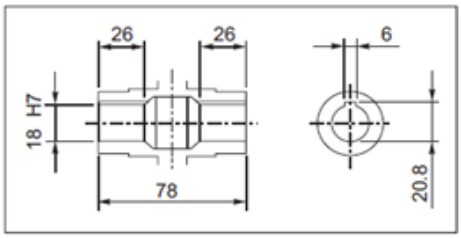


Abmessungen:

CM 040 U



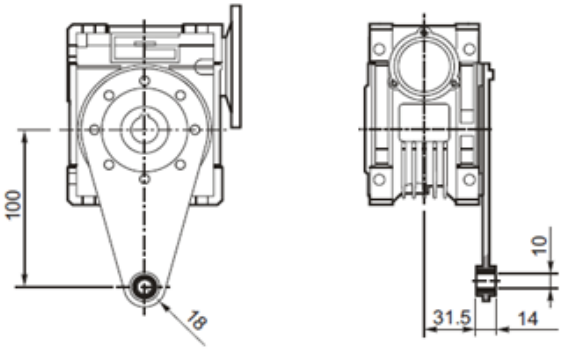




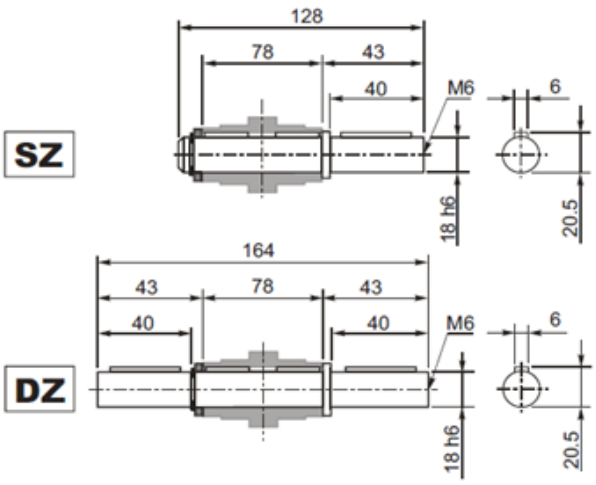
Kg
2.3

Abtriebshohlwelle

Drehmomentstütze

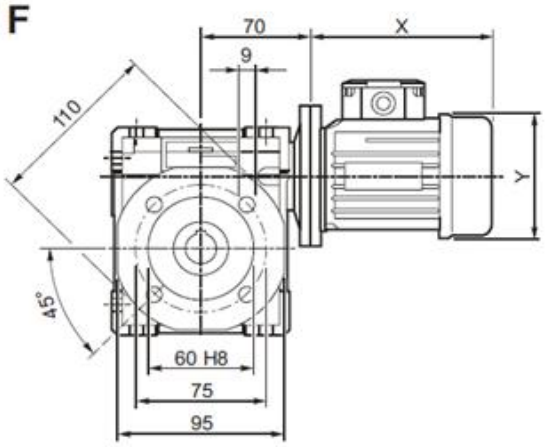


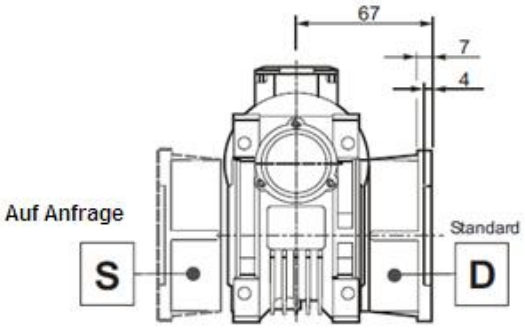
Abtriebswellen



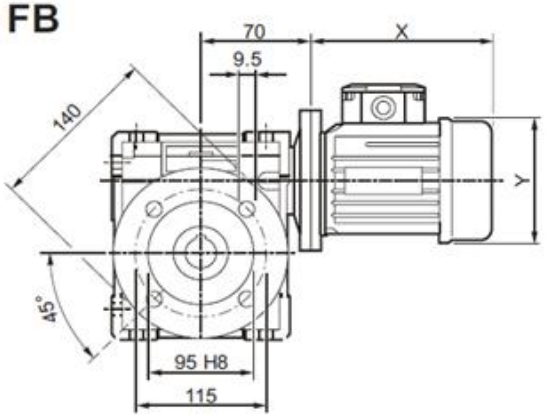
Abmessungen:

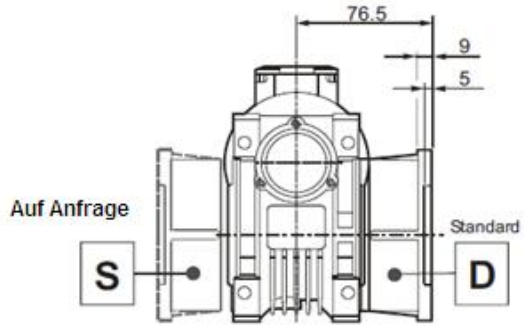
CM 040 F



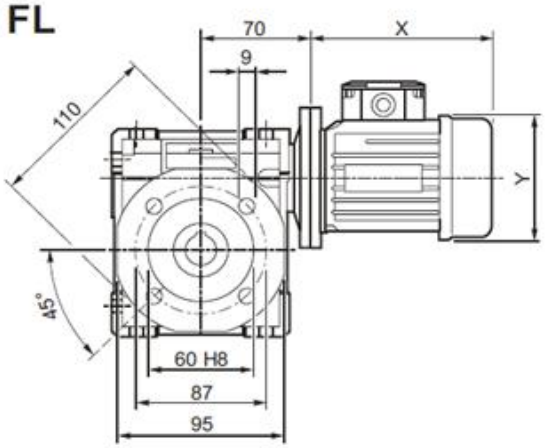


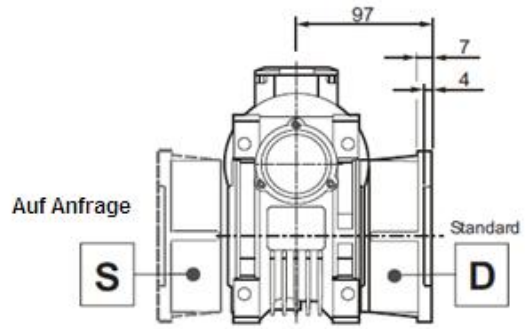
CM 040 FB





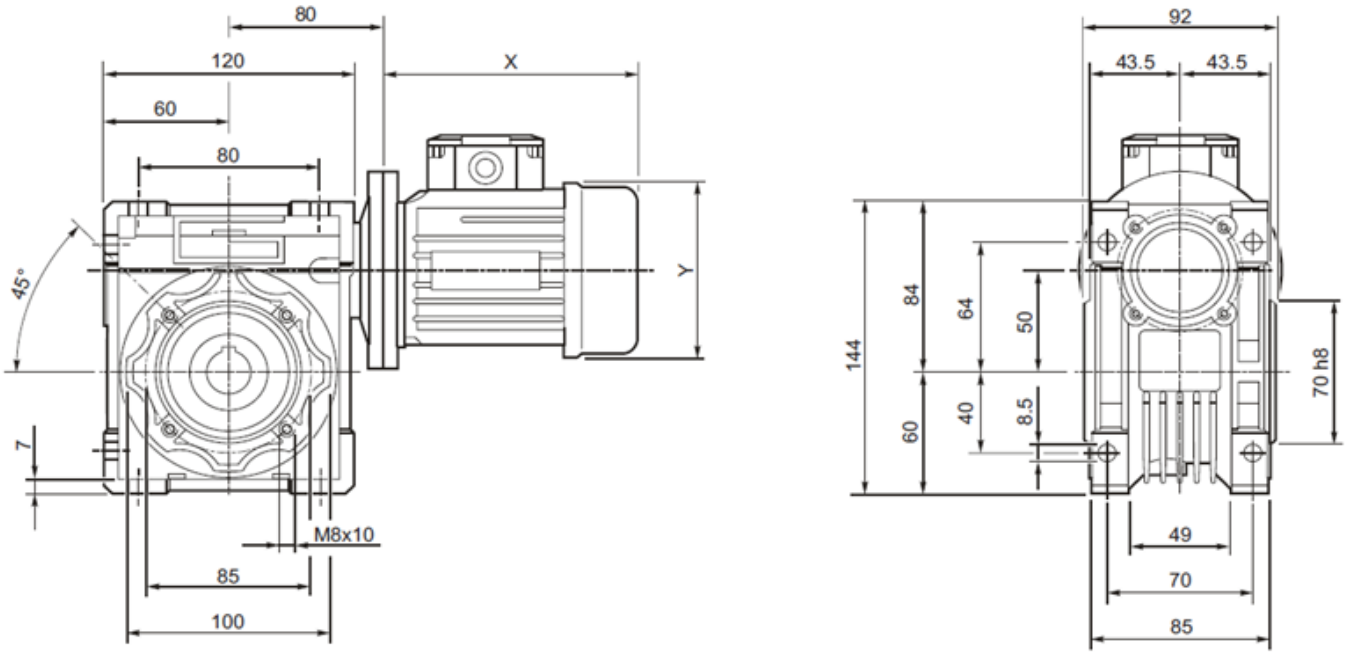
CM 040 FL

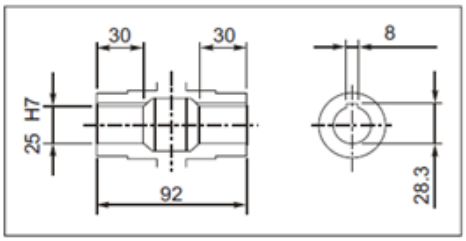




Abmessungen:

CM 050 U

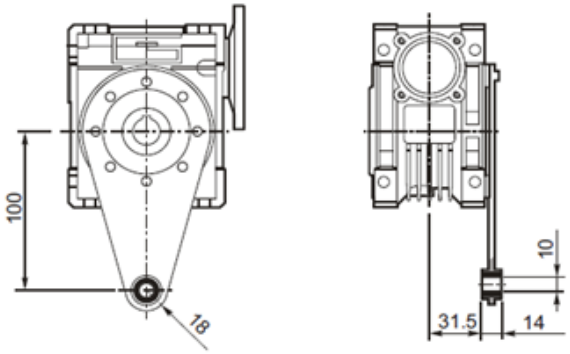




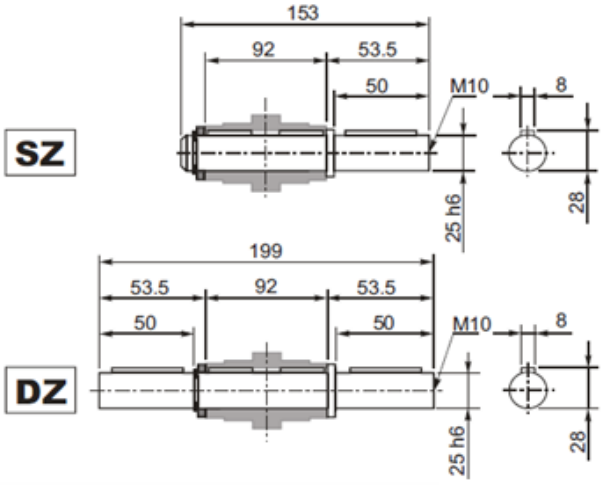
Kg 3.5

Abtriebshohlwelle

Drehmomentstütze

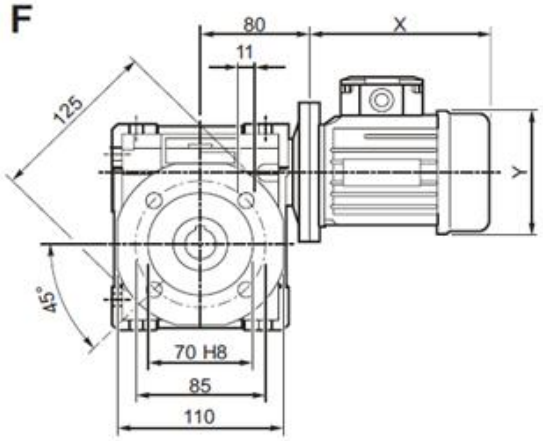


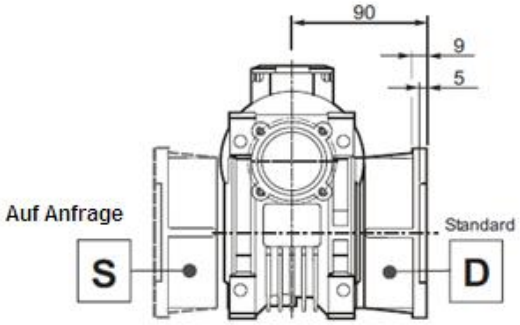
Abtriebswellen



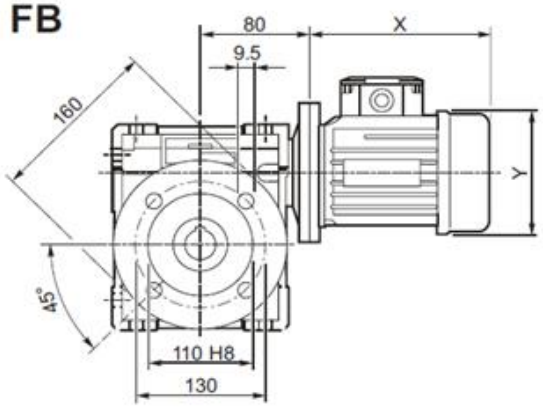
Abmessungen:

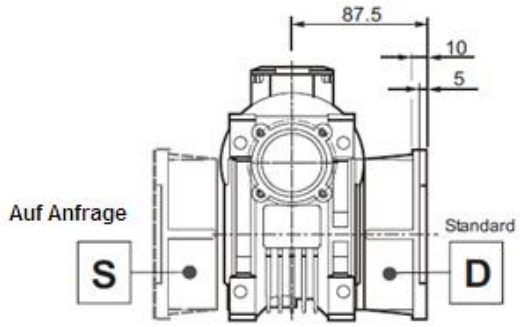
CM 050 F



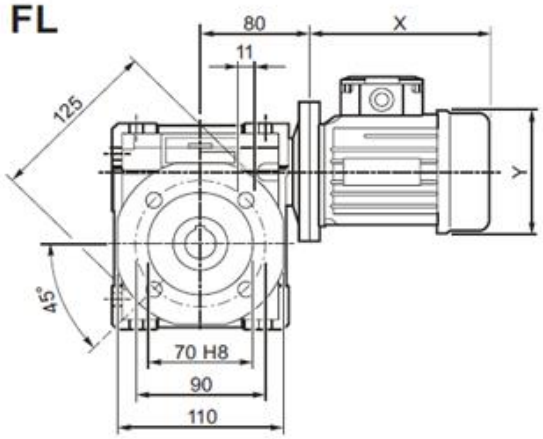


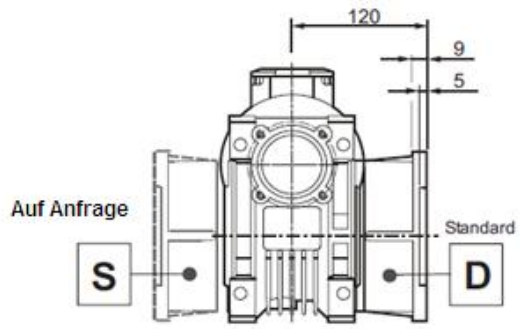
CM 050 FB





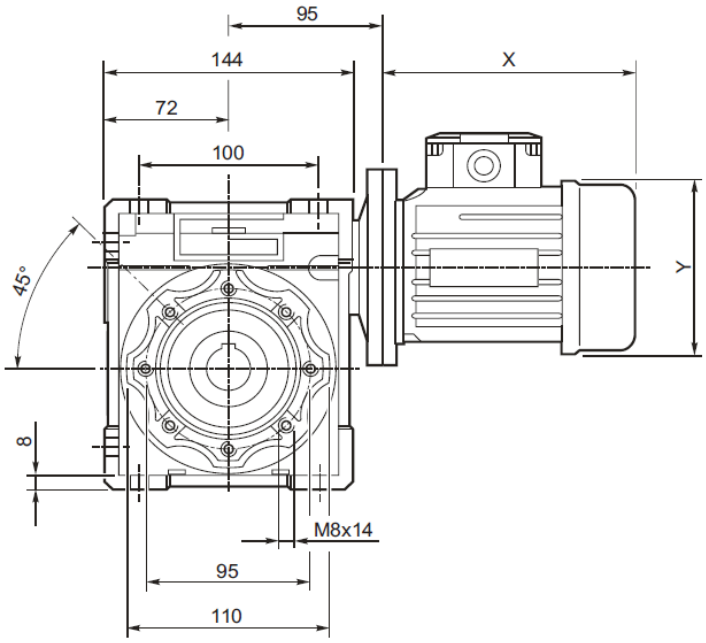
CM 050 FL

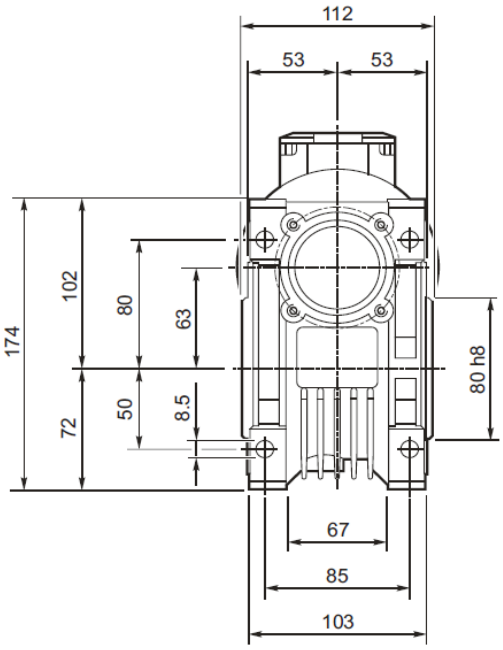


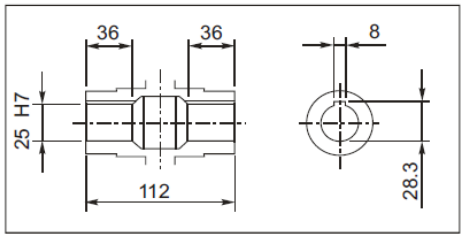


Abmessungen:

CM 063 U



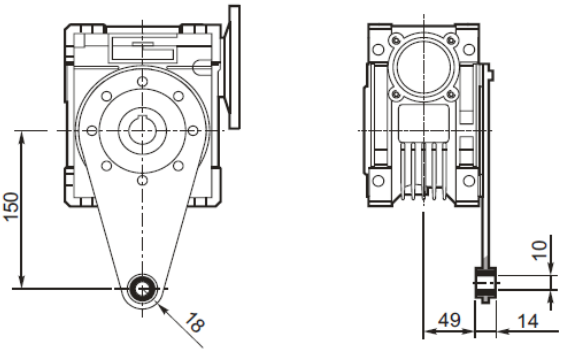




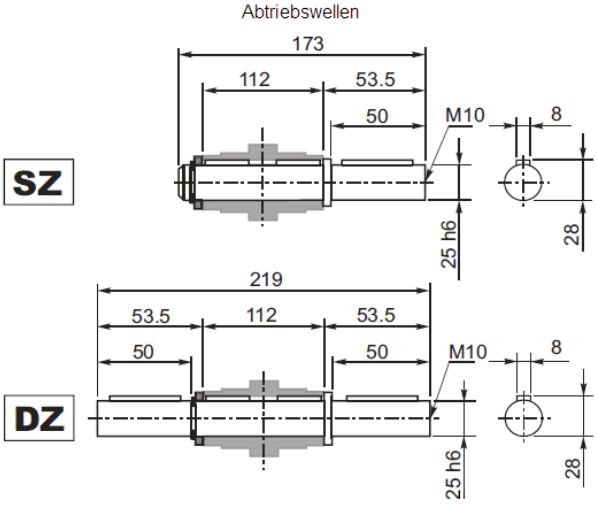
Kg
6.2

Abtriebshohlwelle

Drehmomentstütze

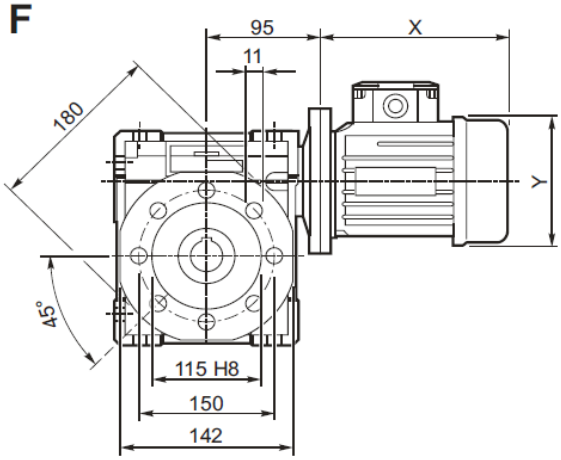


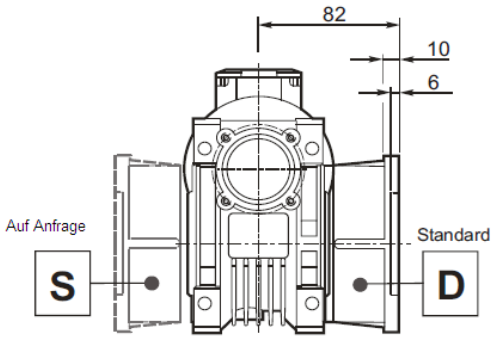
Abtriebswellen



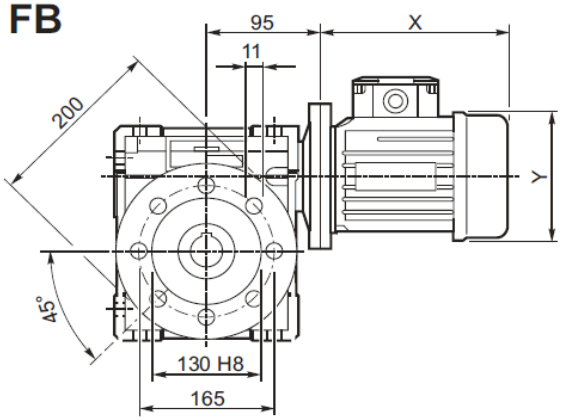
Abmessungen:

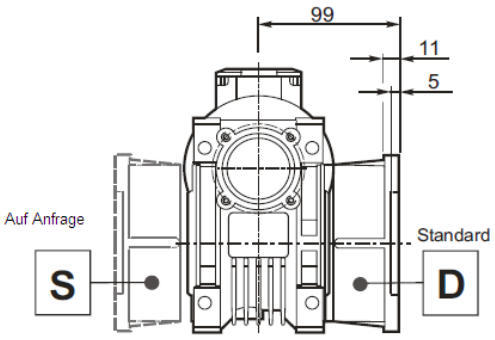
CM 063 F



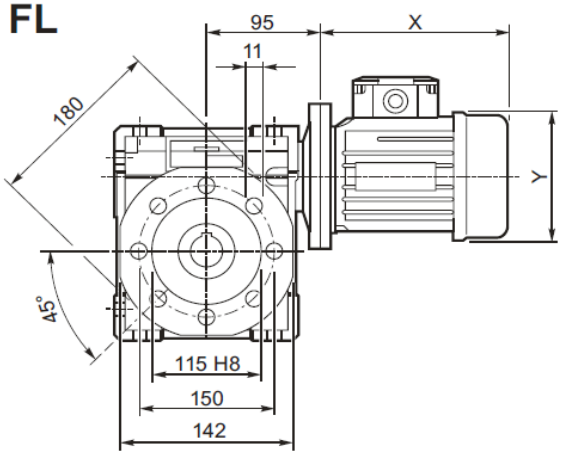


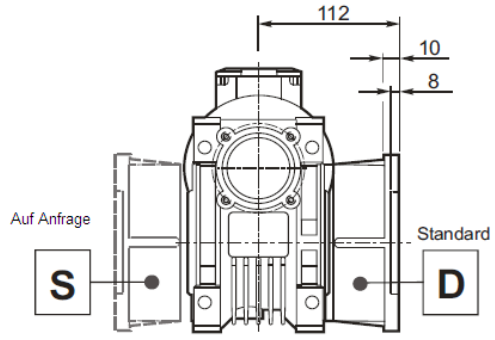
CM 063 FB





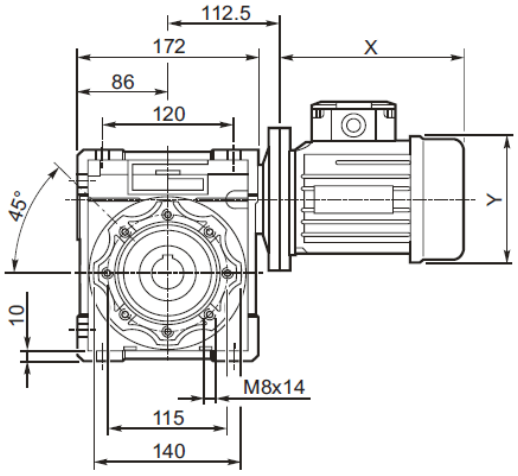
CM 063 FL

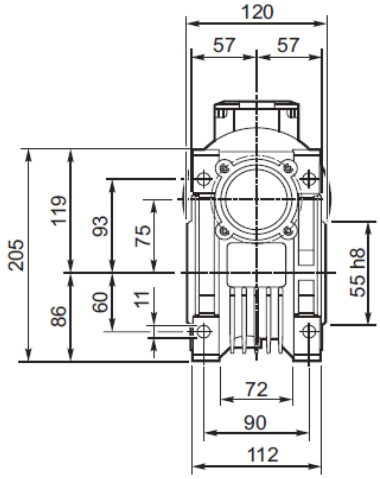




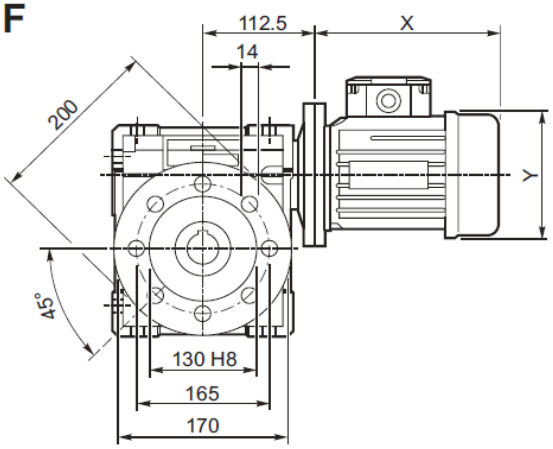
Abmessungen:

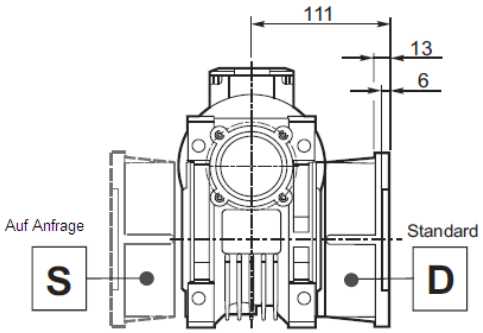
CM 075 U

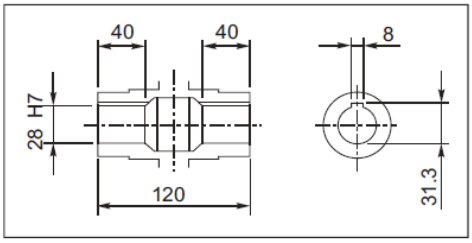




CM 075 F



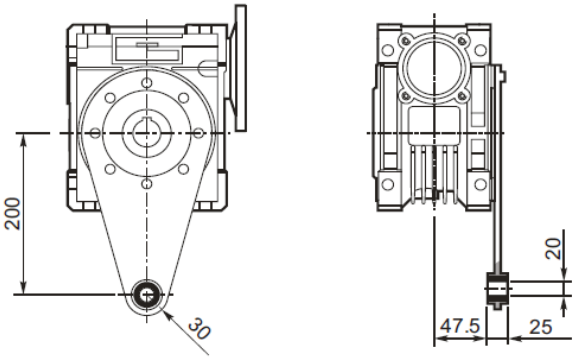




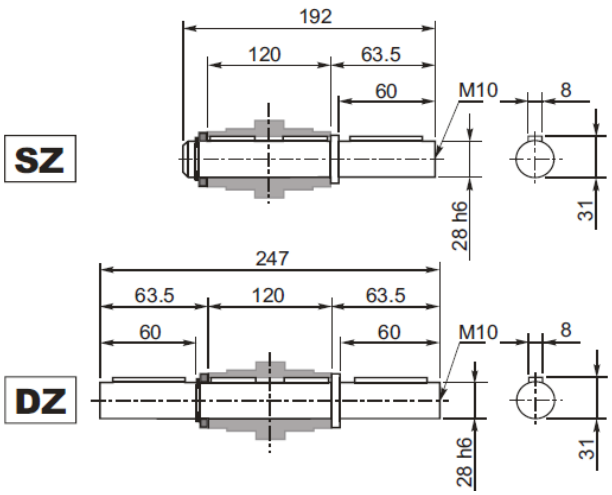
Kg 9.0

Abtriebshohlwelle

Drehmomentstütze

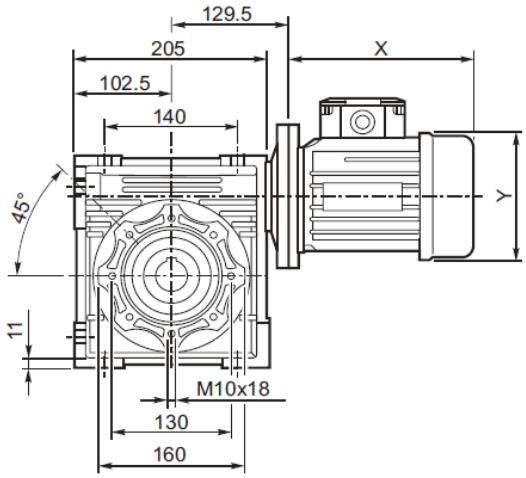


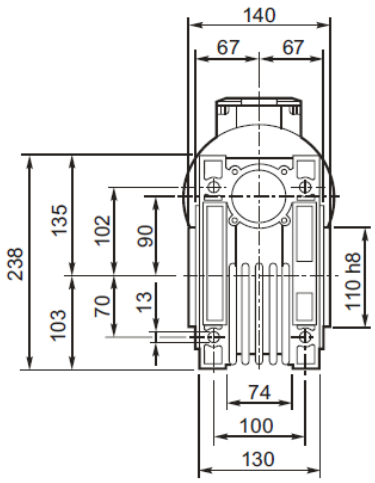
Abtriebswellen



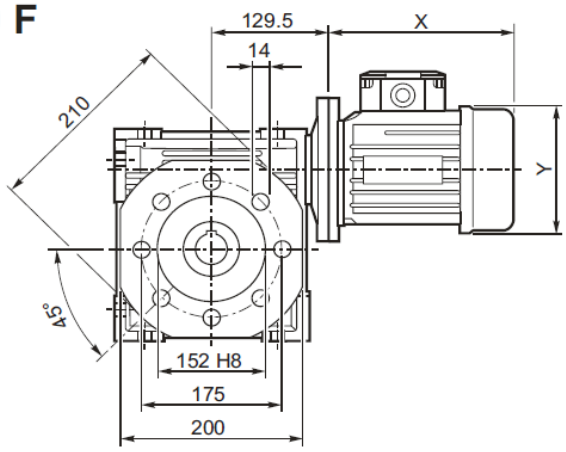
Abmessungen:

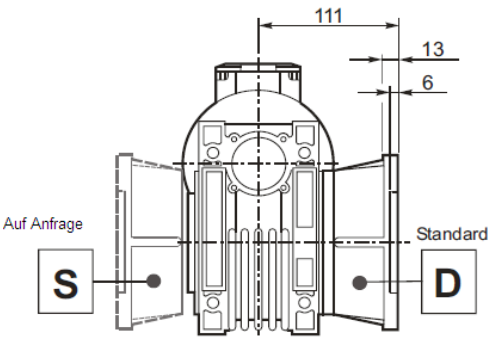
CM 090 U

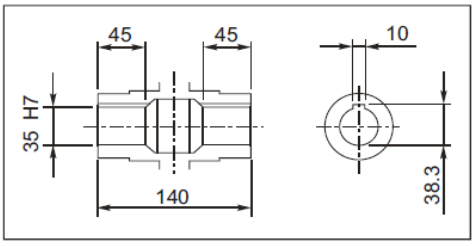




CM 090 F



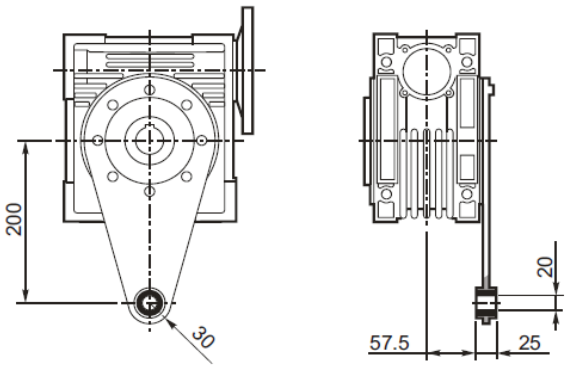




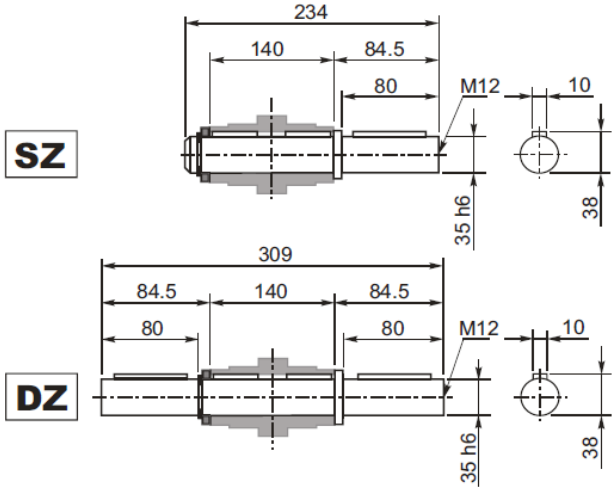
Kg 13

Abtriebshohlwelle

Drehmomentstütze

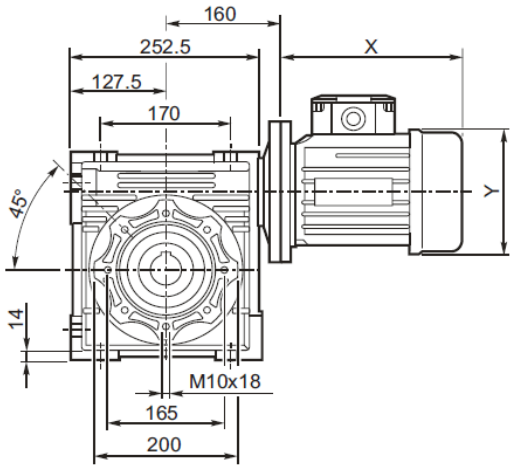


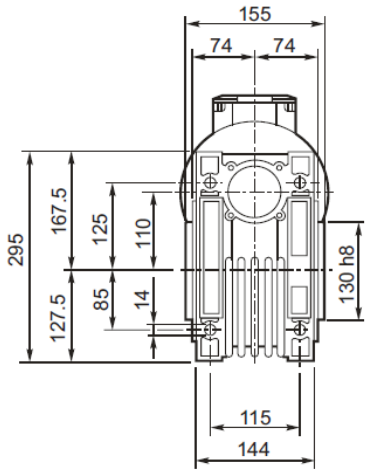
Abtriebswellen



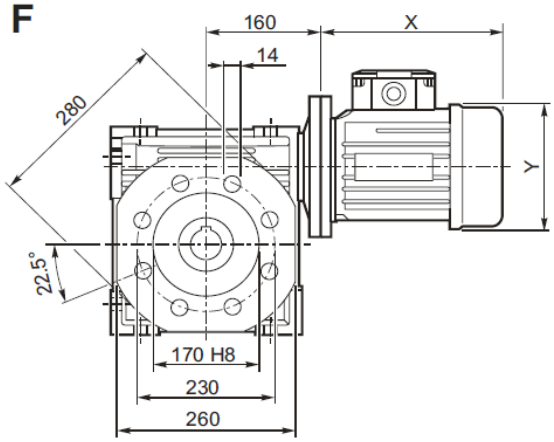
Abmessungen:

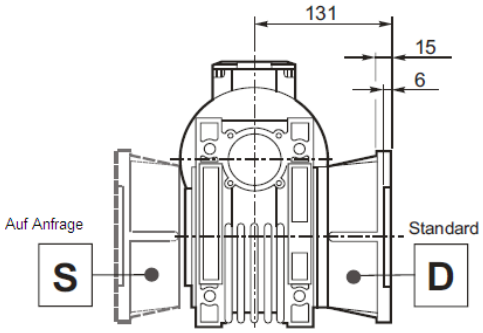
CM 110 U

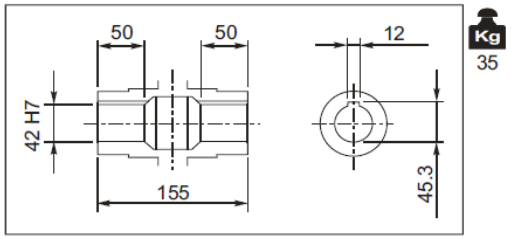




CM 110 F

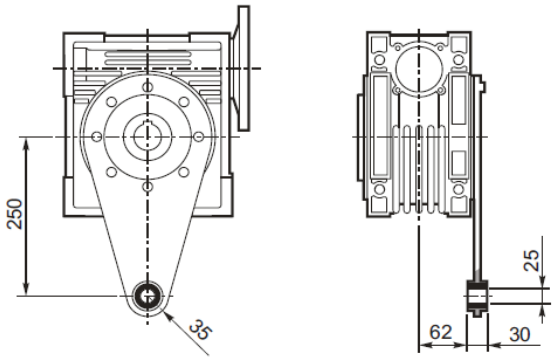




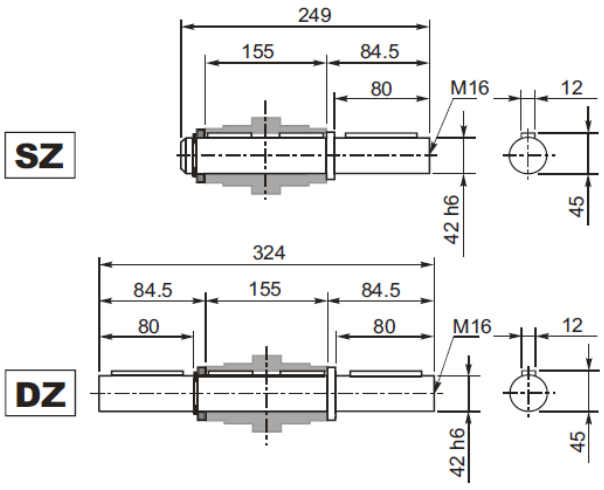


Abtriebshohlwelle

Drehmomentstütze

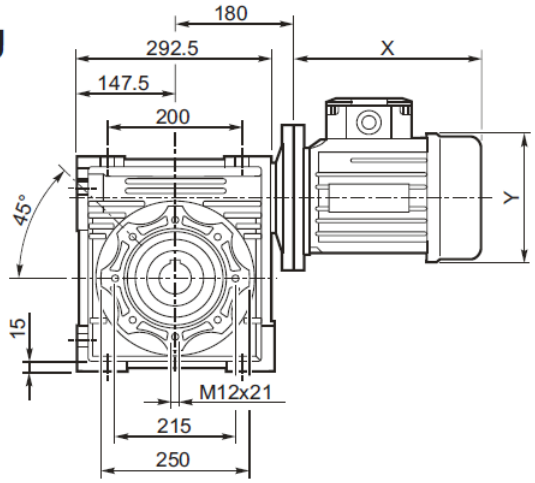


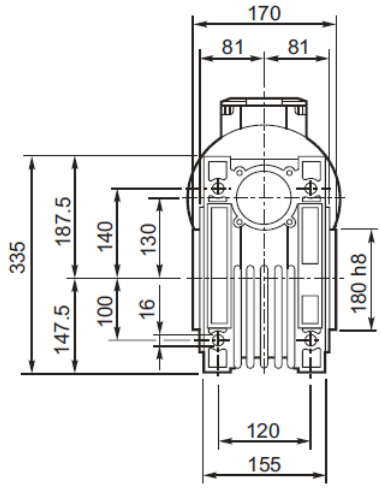
Abtriebswellen



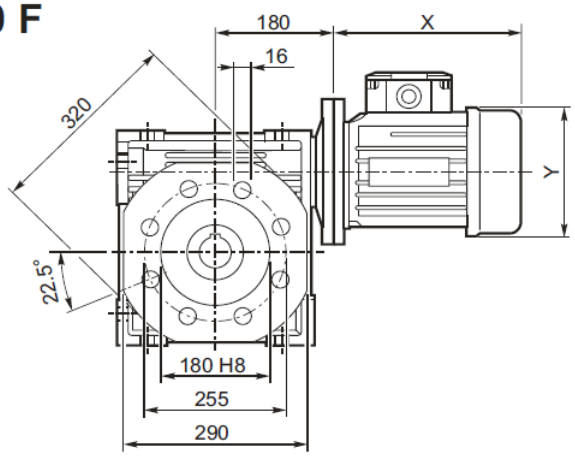
Abmessungen:

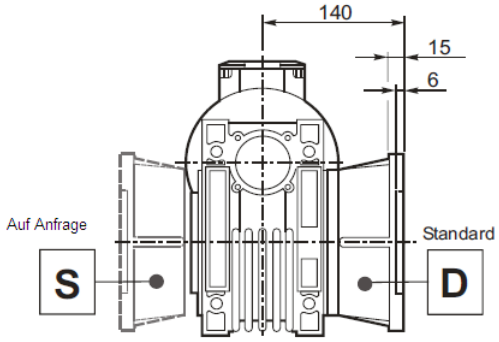
CM 130 U

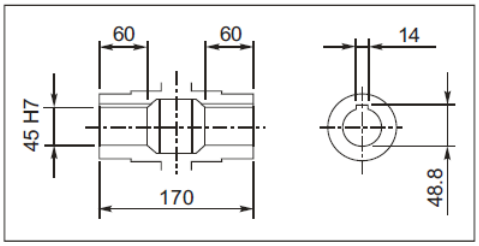




CM 130 F



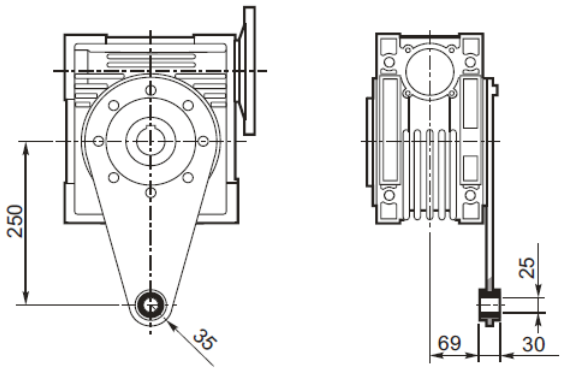




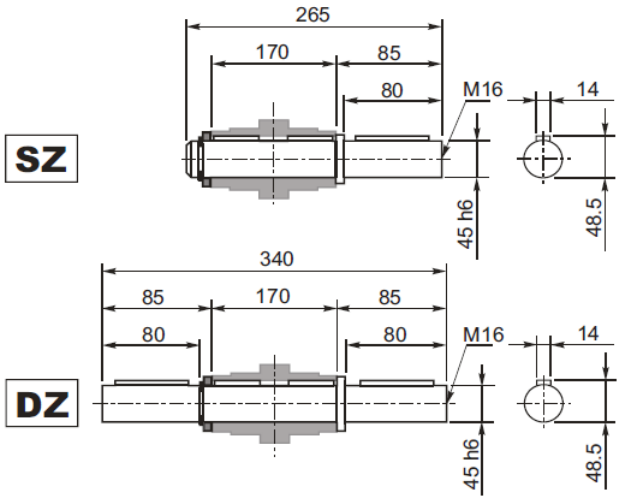
Kg
58

Abtriebshohlwelle

Drehmomentstütze



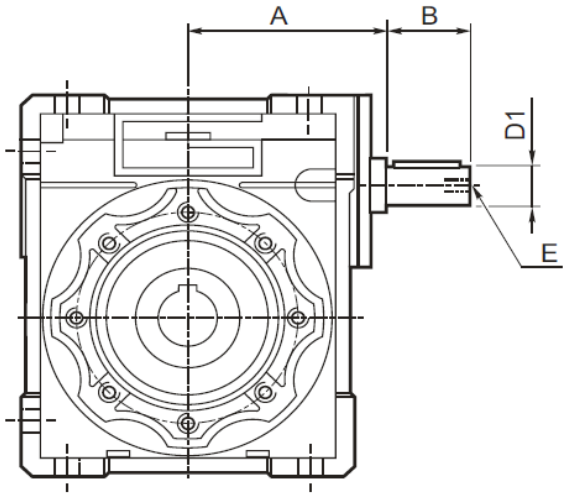
Abtriebswellen



Optionen

Freie Eintriebswelle:

CM	A	B	D_1 j6	E
030	51	20	9	M4
040	66	23	11	M5
050	76	30	14	M6
063	91.5	40	19	M6
075	110	50	24	M8
090	123.5	50	24	M8



Hohlwellenabdeckkappe:

CM	M
030	47
040	54.5
050	62.5
063	73
075	79
090	94