

5 Dimension sheet ABC-V

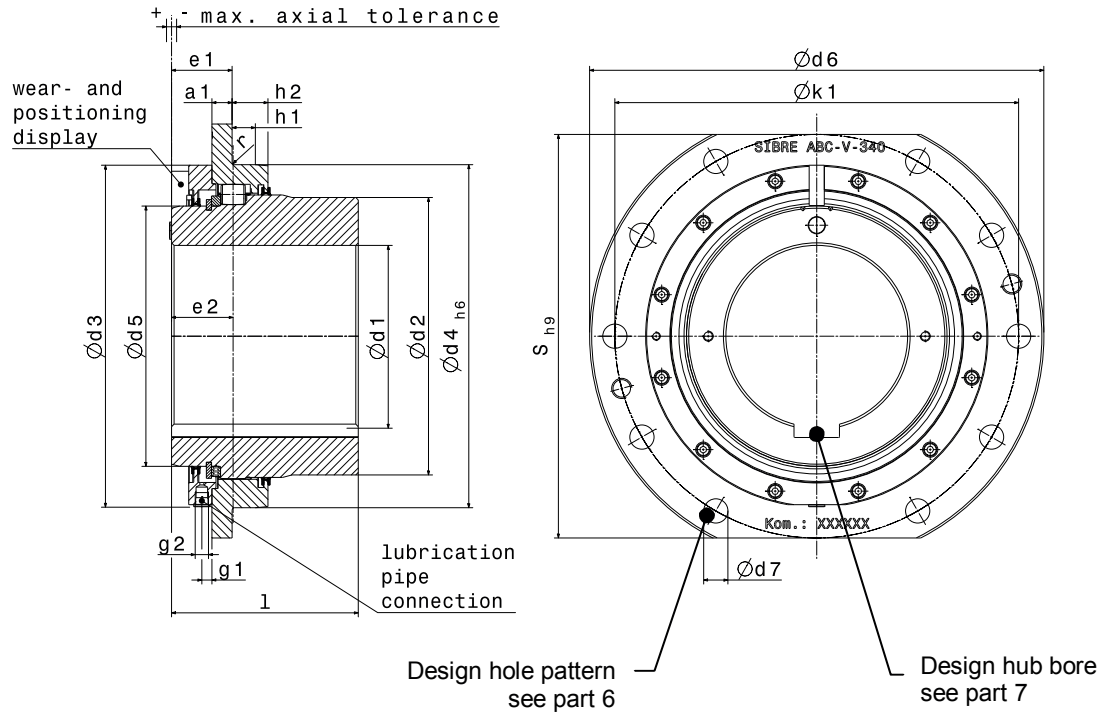


Table 3

Size		260	280	310	340	400	420	450	530	545	560	600	670	730	800	860	
Torque ⁽¹⁾ T _{k max}	[Nm]	27000	35000	45000	55000	80000	120000	180000	250000	320000	410000	500000	600000	770000	950000	1025000	
Radial load F _{r max}	[N]	41000	45000	55000	75000	115000	130000	150000	200000	260000	315000	340000	400000	475000	525000	550000	
Weight ⁽³⁾	[kg]	37	44	54	71	108	135	164	260	294	329	415	549	697	960	1097	
Moment of inertia ⁽³⁾	[kgm ²]	0,43	0,54	0,82	1,35	2,67	3,7	5,2	11,0	13,2	15,6	22,3	36,3	56,2	105,5	118,4	
Finish bore ⁽²⁾	Ød1 _{min} H7	[mm]	80	100	100	100	120	120	140	160	160	170	200	230	260	290	330
	Ød1 _{max} H7	[mm]	125	140	155	180	210	215	245	290	300	310	330	370	420	450	470
Ød2	[mm]	195	215	235	275	315	330	370	430	450	465	500	560	620	680	715	
Ød3	[mm]	259	279	309	339	399	419	449	529	544	558	598	668	728	798	835	
Ød4 h6	[mm]	260	280	310	340	400	420	450	530	545	560	600	670	730	800	860	
Ød5	[mm]	180	198	218	258	298	310	350	410	430	440	470	530	590	650	680	
Ød6	[mm]	380	400	420	450	510	550	580	650	665	680	710	780	850	940	1025	
Ød7	[mm]	19	19	19	24	24	24	24	24	24	24	28	28	28	28	34	
a1	[mm]	15	15	15	20	20	20	20	25	25	25	35	35	35	40	40	
e1	[mm]	45	45	45	60	60	60	60	65	65	65	81	81	81	86	86	
e2	[mm]	48	48	50	61	61	65	67	69	78	78	88	88	90	92	92	
g1	[mm]	75	7,5	7,5	10	10	10	10	10	10	10	10	10	10	10	10	
g2	[In]	G1/8	G1/8	G1/8	G1/4	G1/4	G1/4	G1/4	G1/4	G1/4	G1/4	G1/4	G1/4	G1/4	G1/4	G1/4	
h1	[mm]	27,5	27,5	27	23	24,5	30	32	35	45	45	40	40	50	50	50	
h2	[mm]	34,5	34,5	37	35,5	37	45	47	50	60	65	60	60	70	70	70	
Sh9	[mm]	340	360	380	400	460	500	530	580	590	600	640	700	760	830	900	
Øk1	[mm]	340	360	380	400	460	500	530	600	615	630	660	730	800	875	945	
l	[mm]	145	170	175	185	220	240	260	315	330	350	380	410	450	500	500	
r	[mm]	2	2,5	2,5	2,5	2,5	2,5	2,5	2,5	4	4	4	4	4	4	4	
Axial tolerance max +/-	[mm]	4	4	4	5	6	6	6	6	6	6	8	8	8	10	10	

(1) The given torques do not refer to the shaft-hub connection. These must be checked if necessary.

(2) Other tolerances possible by arrangement.

(3) With respect to max. finish bore Ød1.