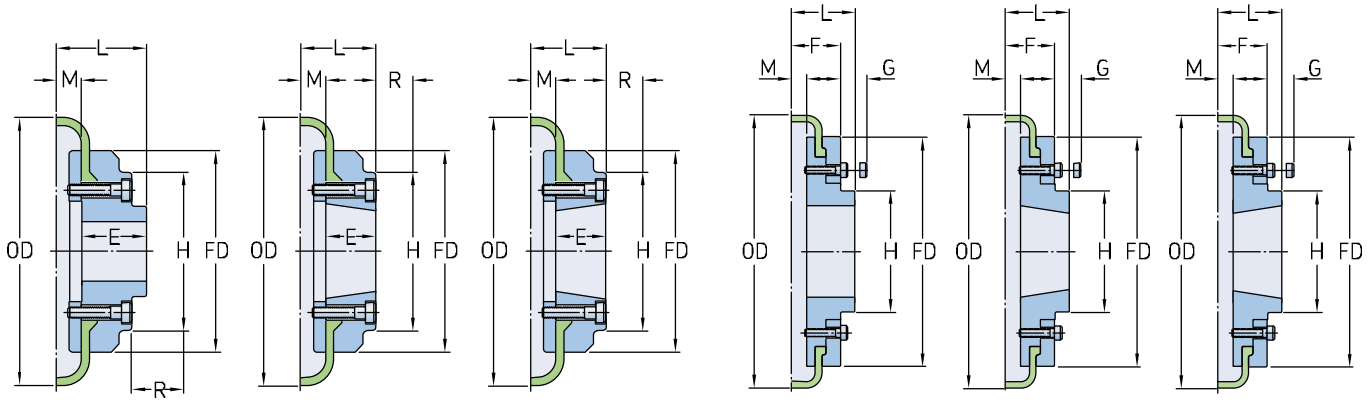
SKF Flex flanges types B, F and H



Size 40 to 60

Type B | Type F | Type H

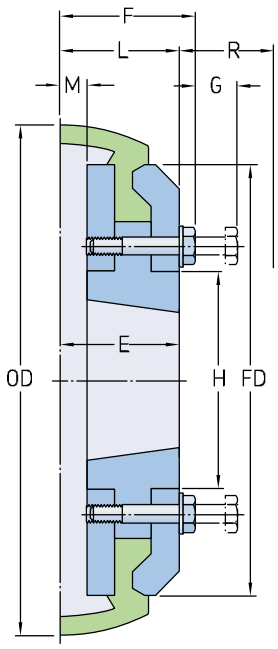
Size 70 to 250

Type B | Type F | Type H

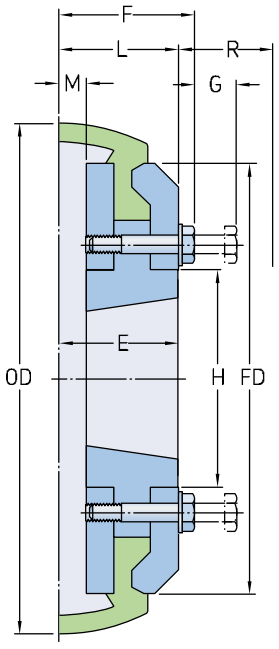
Size	Type	Bush No.	Dimensions Bore Min.	Bore Max.	Types F & H L	Types F & H E	Type B L	Type B E	Key screw	OD	FD	H	F	R[1]	G[2]	M	Mass	Inertia	Designation	Tyre designation Natural	Tyre designation F.R.A.S
mm	–	–	mm														kg	kg/m²	–		
40	B	–	–	30	–	–	33,0	22	M5	104	82	–	–	29	–	11,0	0,80	0,00074	**PHE F40RSBFLG**	**PHE F40NRTYRE**	**PHE F40FRTYRE**
40	F	1008	9	25	33,0	22	–	–	–	104	82	–	–	29	–	11,0	0,80	0,00074	**PHE F40FTBFLG**	**PHE F40NRTYRE**	**PHE F40FRTYRE**
40	H	1008	9	25	33,0	22	–	–	–	104	82	–	–	29	–	11,0	0,80	0,00074	**PHE F40HTBFLG**	**PHE F40NRTYRE**	**PHE F40FRTYRE**
50	B	–	–	38	–	–	45,0	32	M5	133	100	79	–	38	–	12,5	1,20	0,00115	**PHE F50RSBFLG**	**PHE F50NRTYRE**	**PHE F50FRTYRE**
50	F	1210	11	32	37,5	25	–	–	–	133	100	79	–	38	–	12,5	1,20	0,00115	**PHE F50FTBFLG**	**PHE F50NRTYRE**	**PHE F50FRTYRE**
50	H	1210	11	32	37,5	25	–	–	–	133	100	79	–	38	–	12,5	1,20	0,00115	**PHE F50HTBFLG**	**PHE F50NRTYRE**	**PHE F50FRTYRE**
60	B	–	–	45	–	–	55,0	38	M6	165	125	70	–	38	–	16,5	2,00	0,0052	**PHE F60RSBFLG**	**PHE F60NRTYRE**	**PHE F60FRTYRE**
60	F	1610	14	42	41,5	25	–	–	–	165	125	103	–	38	–	16,5	2,00	0,0052	**PHE F60FTBFLG**	**PHE F60NRTYRE**	**PHE F60FRTYRE**
60	H	1610	14	42	41,5	25	–	–	–	165	125	103	–	38	–	16,5	2,00	0,0052	**PHE F60HTBFLG**	**PHE F60NRTYRE**	**PHE F60FRTYRE**
70	B	–	–	60	–	–	47,0	35	M10	187	142	80	50	–	13	11,5	3,10	0,009	**PHE F70RSBFLG**	**PHE F70NRTYRE**	**PHE F70FRTYRE**
70	F	2012	14	50	43,5	32	–	–	–	187	142	80	50	42	13	11,5	3,10	0,009	**PHE F70FTBFLG**	**PHE F70NRTYRE**	**PHE F70FRTYRE**
70	H	1610	14	42	36,5	25	–	–	–	187	142	80	50	38	13	11,5	3,00	0,009	**PHE F70HTBFLG**	**PHE F70NRTYRE**	**PHE F70FRTYRE**
80	B	–	–	63	–	–	55,0	42	M10	211	165	98	54	–	16	12,5	4,90	0,018	**PHE F80RSBFLG**	**PHE F80NRTYRE**	**PHE F80FRTYRE**
80	F	2517	16	60	57,5	45	–	–	–	211	165	97	54	48	16	12,5	4,90	0,018	**PHE F80FTBFLG**	**PHE F80NRTYRE**	**PHE F80FRTYRE**
80	H	2012	14	50	44,5	32	–	–	–	211	165	98	54	32	16	12,5	4,60	0,017	**PHE F80HTBFLG**	**PHE F80NRTYRE**	**PHE F80FRTYRE**
90	B	–	–	75	–	–	62,5	49	M12	235	187	112	60	–	16	13,5	7,10	0,032	**PHE F90RSBFLG**	**PHE F90NRTYRE**	**PHE F90FRTYRE**
90	F	2517	16	60	58,5	45	–	–	–	235	187	108	60	48	16	13,5	7,00	0,031	**PHE F90FTBFLG**	**PHE F90NRTYRE**	**PHE F90FRTYRE**
90	H	2517	16	60	58,5	45	–	–	–	235	187	108	60	48	16	13,5	7,00	0,031	**PHE F90HTBFLG**	**PHE F90NRTYRE**	**PHE F90FRTYRE**
100	B	–	–	80	–	–	69,5	56	M12	254	214	125	62	–	16	13,5	9,90	0,055	**PHE F100RSBFLG**	**PHE F100NRTYRE**	**PHE F100FRTYRE**
100	F	3020	25	75	64,5	51	–	–	–	254	214	120	62	55	16	13,5	9,90	0,055	**PHE F100FTBFLG**	**PHE F100NRTYRE**	**PHE F100FRTYRE**
100	H	2517	16	60	58,5	45	–	–	–	254	214	113	62	48	16	13,5	9,40	0,054	**PHE F100HTBFLG**	**PHE F100NRTYRE**	**PHE F100FRTYRE**
110	B	–	–	90	–	–	75,5	63	M12	279	232	128	62	–	16	12,5	12,50	0,081	**PHE F110RSBFLG**	**PHE F110NRTYRE**	**PHE F110FRTYRE**
110	F	3020	25	75	63,5	51	–	–	–	279	232	134	62	55	16	12,5	11,70	0,078	**PHE F110FTBFLG**	**PHE F110NRTYRE**	**PHE F110FRTYRE**
110	H	3020	25	75	63,5	51	–	–	–	279	232	134	62	55	16	12,5	11,70	0,078	**PHE F110HTBFLG**	**PHE F110NRTYRE**	**PHE F110FRTYRE**
120	B	–	–	100	–	–	84,5	70	M16	314	262	143	67	–	16	14,5	16,90	0,137	**PHE F120RSBFLG**	**PHE F120NRTYRE**	**PHE F120FRTYRE**
120	F	3525	35	100	79,5	65	–	–	–	314	262	140	67	67	16	14,5	16,50	0,137	**PHE F120FTBFLG**	**PHE F120NRTYRE**	**PHE F120FRTYRE**
120	H	3020	25	75	65,5	51	–	–	–	314	262	140	67	55	16	14,5	15,90	0,130	**PHE F120HTBFLG**	**PHE F120NRTYRE**	**PHE F120FRTYRE**
140	B	–	–	125	–	–	110,5	94	M20	3,59	312,5	180	73	–	17	16,0	22,20	0,254	**PHE F140RSBFLG**	**PHE F140NRTYRE**	**PHE F140FRTYRE**
140	F	3525	35	100	81,0	65	–	–	–	359	312,5	180	73	67	17	16,0	22,30	0,255	**PHE F140FTBFLG**	**PHE F140NRTYRE**	**PHE F140FRTYRE**
140	H	3525	35	100	81,0	65	–	–	–	359	312,5	180	73	67	17	16,0	22,30	0,255	**PHE F140HTBFLG**	**PHE F140NRTYRE**	**PHE F140FRTYRE**
160	B	–	–	140	–	–	117,0	102	M20	402	348	197	78	–	19	15,0	35,80	0,469	**PHE F160RSBFLG**	**PHE F160NRTYRE**	**PHE F160FRTYRE**
160	F	4030	40	115	91,0	76	–	–	–	402	348	197	78	80	19	15,0	32,50	0,380	**PHE F160FTBFLG**	**PHE F160NRTYRE**	**PHE F160FRTYRE**
160	H	4030	40	115	91,0	76	–	–	–	402	348	197	78	80	19	15,0	32,50	0,380	**PHE F160HTBFLG**	**PHE F160NRTYRE**	**PHE F160FRTYRE**
180	B	–	–	150	–	–	137,0	114	M20	470	396	205	94	–	19	23,0	49,10	0,871	**PHE F180RSBFLG**	**PHE F180NRTYRE**	**PHE F180FRTYRE**
180	F	4535	55	125	112,0	89	–	–	–	470	396	205	94	89	19	23,0	42,20	0,847	**PHE F180FTBFLG**	**PHE F180NRTYRE**	**PHE F180FRTYRE**
180	H	4535	55	125	112,0	89	–	–	–	470	396	205	94	89	19	23,0	42,20	0,847	**PHE F180HTBFLG**	**PHE F180NRTYRE**	**PHE F180FRTYRE**
200	B	–	–	150	–	–	138,0	114	M20	508	432	205	103	–	19	24,0	58,20	1,301	**PHE F200RSBFLG**	**PHE F200NRTYRE**	**PHE F200FRTYRE**
200	F	4535	55	125	113,0	89	–	–	–	508	432	205	103	89	19	24,0	53,60	1,281	**PHE F200FTBFLG**	**PHE F200NRTYRE**	**PHE F200FRTYRE**
200	H	4535	55	125	113,0	89	–	–	–	508	432	205	103	89	19	24,0	53,60	1,281	**PHE F200HTBFLG**	**PHE F200NRTYRE**	**PHE F200FRTYRE**
220	B	–	–	160	–	–	154,5	127	M20	562	472	224	118	–	20	27,5	79,60	2,142	**PHE F220RSBFLG**	**PHE F220NRTYRE**	**PHE F220FRTYRE**
220	F	5040	70	125	129,5	102	–	–	–	562	472	224	118	92	20	27,5	72,00	2,104	**PHE F220FTBFLG**	**PHE F220NRTYRE**	**PHE F220FRTYRE**
220	H	5040	70	125	129,5	102	–	–	–	562	472	224	118	92	20	27,5	72,00	2,104	**PHE F220HTBFLG**	**PHE F220NRTYRE**	**PHE F220FRTYRE**
250	B	–	–	190	–	–	161,5	132	M20	628	532	254	125	–	25	29,5	104,00	3,505	**PHE F250RSBFLG**	**PHE F250NRTYRE**	**PHE F250FRTYRE**

[1] Is the clearance required to allow tightening of the clamping screws and the tapered bushing. Use of a shortened wrench will reduce this dimension.
[2] The amount by which the clamping screws need to be withdrawn to release the tyre.
For coupling sizes 70, 80, 100 and 120 "F" flanges require a larger bushing than "H" flanges.
Mass and inertia figures are for a single flange with midrange bore and include clamping ring, screws, washers and half tyre.

SKF Flex flanges type R



Position A



Position B

Size	Bush No.	Dimensions												Mass	Inertia	Designation
		Bore					Key screw									
		Min.	Max.	L	E	R[1]		OD	FD	H	F	G[2]	M			
–	–	mm												kg	kg/m²	–
70	1610	14	42	37	25	42	M8	187	142	80	44,25	13	11,5	3	0,009	**PHE F70RTBFLG**
80	2012	14	50	45,5	32	48	M8	211	165	98	52,75	16	12,5	4,6	0,017	**PHE F80RTBFLG**
90	2517	16	60	58,5	45	48	M10	235	187	112	67,86	16	13,5	7	0,031	**PHE F90RTBFLG**
100	2517	16	60	59,5	45	55	M10	254	214	125	68,86	16	13,5	9,4	0,054	**PHE F100RTBFLG**
110	3020	25	75	64,5	51	55	M10	279	232	134	73,68	16	12,5	11,7	0,078	**PHE F110RTBFLG**
120	3020	25	75	66,5	51	67	M12	314	262	140	77,18	16	14,5	15,9	0,13	**PHE F120RTBFLG**

[1] Is the clearance required to allow tightening of the clamping screws and the tapered bushing. Use of a shortened wrench will reduce this dimension.
[2] The distance that the clamping screws need to be withdrawn to release the tyre.
For coupling sizes 70, 80, 100 and 120 "F" flanges require a larger bushing than "H" flanges.
Mass and inertia figures are for a single flange with midrange bore and include clamping rings, screws, washers and a half tyre.