

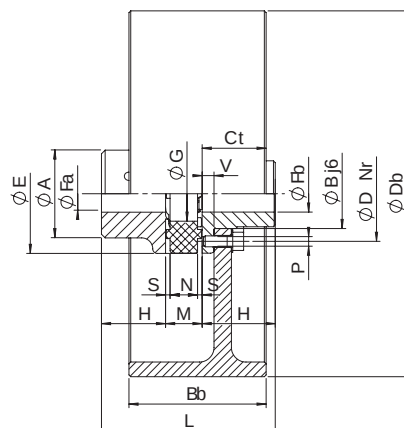
“GR FRT” drum brake series

This series has been developed to suit drum-brake (FRT) transmissions.

It is constituted as an elastic coupling screwed to the brake band. Components are either made of cast-iron (G25), spheroidal

cast-iron (GS400), or steel according to application.

Also, assembling of different dimensioned brake bands to any kind of coupling is allowed. See below tables.



GR FRT - drum brake												W_{FRT}	J_{FRT}	$\min^{-1}$ with V_{max} 30 m/s
Db x Bb	28	38	42	48	55	65	75	90	100	110	125	[kg]	[kg m ²]	
160x60	30	31	-	-	-	-	-	-	-	-	-	2,12	0,01	3580
200x75	35	36	38	39	41	-	-	-	-	-	-	3,45	0,03	2860
250x95	43	44	46	47	49	50	52	-	-	-	-	6,87	0,08	2290
315x118	-	-	55	56	58	59	61	64	-	-	-	14,95	0,28	1820
400x150	-	-	68	69	71	72	74	77	79	82	-	31,20	0,89	1430
500x190	-	-	-	-	-	87	89	92	94	97	101	60,00	2,70	1150
630x236	-	-	-	-	-	-	107	110	112	115	119	112,00	8,01	910
710x265	-	-	-	-	-	-	-	-	123	126	130	161,00	14,90	810
800x300	-	-	-	-	-	-	-	-	-	-	144	202,00	27,20	720

Type	Fa;Fb min [mm]	Fa;Fb max [mm]				E [mm]	A [mm]	B [mm]	H [mm]	L [mm]	G [mm]	Nr	V [mm]	M [mm]	S [mm]	N [mm]	D [mm]	P [mm]
		Fa	Fb (GG25)	Fb (GS400)	Fb (Steel)													
28 FR	10	28	20	22	24	65	48	38	35	90	30	8	6,5	20	2,5	15	52	M6
38 FR	12	38	28	32	34	80	66	50	45	114	38	8	7,5	24	3	18	66	M8
42 FR	14	42	30	38	42	95	75	60	50	126	46	12	9,5	26	3	20	80	M8
48 FR	15	48	35	45	48	105	85	68	56	140	51	12	10,5	28	3,5	21	90	M8
55 FR	20	55	42	50	55	120	98	78	65	160	60	8	12,5	30	4	22	102	M10
65 FR	22	65	48	55	65	135	115	92	75	185	68	12	13,5	35	4,5	26	116	M10
75 FR	30	75	58	70	75	160	135	106	85	210	80	15	15,5	40	5	30	136	M12
90 FR	40	90	75	90	100	200	160	140	100	245	100	15	18,5	45	5,5	34	172	M16
100 FR	45	115	-	100	-	225	180	156	110	270	113	15	20,5	50	6	38	195	M16
110 FR	55	125	-	110	-	255	200	176	120	295	127	15	23,5	55	6,5	42	218	M20
125 FR	55	145	-	130	-	290	230	204	140	340	147	15	27,5	60	7	46	252	M20

Order form

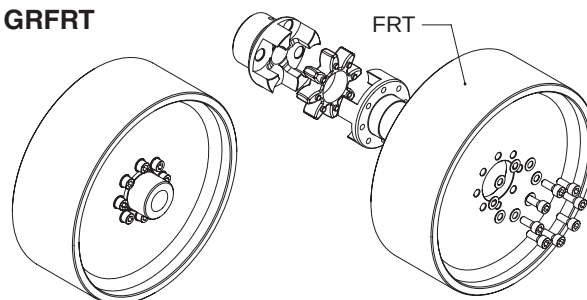
For hub “GR” order form please see TRASCO® GR base program

Brake side hub
Type
GRFR 48

Band on request.

W_{FRT}	“GRFRT” weight	kg
J_{FRT}	“GRFRT” moment of inertia	kgm ²
Nr	Number of screws	

GRFRT



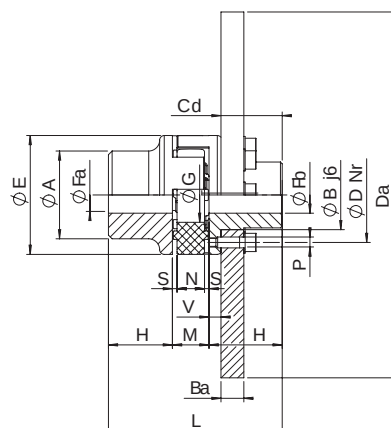
“GR FRD” brake disc series

This series has been developed to suit disc-brake (FRD) transmissions according to DIN 15431/15435.

It is constituted as an elastic coupling screwed to the brake band. Components are either made of cast-iron (G25), spheroidal

cast-iron (GS400), or steel according to application.

Also, assembling of different dimensioned brake bands to any kind of coupling is allowed. See below tables.



GR FRD - brake disc												W _{FRD}	J _{FRD}	min ⁻¹ with V _{max} 40 m/s
Da x Ba	28	38	42	48	55	65	75	90	100	110	125	[kg]	[kg m ²]	
200x12,5	X	X	-	-	-	-	-	-	-	-	-	2,93	0,0154	3820
250x12,5	X	X	X	X	-	-	-	-	-	-	-	4,66	0,0376	3060
315x16	-	-	X	X	X	X	X	-	-	-	-	8,62	0,1118	2430
400x16	-	-	-	X	X	X	X	X	X	X	-	15,23	0,3152	1910
500x16	-	-	-	-	X	X	X	X	X	X	X	23,96	0,7680	1530
630x20	-	-	-	-	-	X	X	X	X	X	X	47,72	2,4264	1210
710x20	-	-	-	-	-	X	X	X	X	X	X	60,93	3,9151	1080
800x25	-	-	-	-	-	-	-	X	X	X	X	94,91	7,8790	950
900x25	-	-	-	-	-	-	-	-	-	X	X	118,95	12,6091	850

Type	Fa;Fb min [mm]	Fa;Fb max [mm]				E [mm]	A [mm]	B [mm]	H [mm]	L [mm]	G [mm]	Nr	V [mm]	M [mm]	S [mm]	N [mm]	D [mm]	Cd [mm]	P [mm]
		Fa	Fb (GG25)	Fb (GS400)	Fb (Steel)														
28 FR	10	28	20	22	24	65	48	38	35	90	30	8	6,5	20	2,5	15	52	28,5	M6
38 FR	12	38	28	32	34	80	66	50	45	114	38	8	7,5	24	3	18	66	37,5	M8
42 FR	14	42	30	38	42	95	75	60	50	126	46	12	9,5	26	3	20	80	40,5	M8
48 FR	15	48	35	45	48	105	85	68	56	140	51	12	10,5	28	3,5	21	90	45,5	M8
55 FR	20	55	42	50	55	120	98	78	65	160	60	8	12,5	30	4	22	102	52,5	M10
65 FR	22	65	48	55	65	135	115	92	75	185	68	12	13,5	35	4,5	26	116	61,5	M10
75 FR	30	75	58	70	75	160	135	106	85	210	80	15	15,5	40	5	30	136	69,5	M12
90 FR	40	90	75	90	100	200	160	140	100	245	100	15	18,5	45	5,5	34	172	81,5	M16
100 FR	45	115	-	100	-	225	180	156	110	270	113	15	20,5	50	6	38	195	89,5	M16
110 FR	55	125	-	110	-	255	200	176	120	295	127	15	23,5	55	6,5	42	218	96,5	M20
125 FR	55	145	-	130	-	290	230	204	140	340	147	15	27,5	60	7	46	252	112,5	M20

Order form

For hub “GR” order form please see TRASCO® GR base program

Brake side hub
Type
GRFR 48

Disc on request.

W _{FRD}	“GRFRD” disc weight	kg
J _{FRD}	“GRFRD” moment of inertia	kgm ²
Nr	Number of screws	

GRFRD

