



## For Japanese Vehicles JIS CMF Series



JIS Group	JIS No.		Capacity 20Hr (Ah)	CCA (SAE)	RC (Min.)	Dimension(mm)				Cell Lay-Out	Terminal	Hold- down
	New	Old				L	W	H	TH			
B19	40B19R	NS40Z	35	330	54	187	127	199	219	1	B	B0/W1
	40B19L	NS40ZL	35	330	54	187	127	199	219	0	B	B0/W1
	42B19R		38	360	60	187	127	199	219	1	B	B0/W1
	42B19L		38	360	60	187	127	199	219	0	B	B0/W1
	50B19R		40	370	63	187	127	199	219	1	B	B0/W1
	50B19L		40	370	63	187	127	199	219	0	B	B0/W1
B24	50B24R	N40	40	370	65	236	128	200	220	1	B	B0
	50B24L	N40L	40	370	65	236	128	200	220	0	B	B0
	50B24RS	N40S	40	370	65	236	128	200	220	1	A	B0
	50B24LS	N40LS	40	370	65	236	128	200	220	0	A	B0
	55B24R		45	440	75	236	128	200	220	1	B	B0
	55B24L	NS60(S)/L	45	440	75	236	128	200	220	0	B	B0
	55B24RS	NX110-S6(S)/L	45	440	75	236	128	200	220	1	A	B0
	55B24LS		45	440	75	236	128	200	220	0	A	B0
	65B24R		50	470	85	236	128	200	220	1	B	B0
	65B24L		50	470	85	236	128	200	220	0	B	B0
65B24RS		50	470	85	236	128	200	220	1	A	B0	
65B24LS		50	470	85	236	128	200	220	0	A	B0	

■ Notice : The Specifications are subject to change with or without notice

JIS Group	JIS No.		Capacity 20Hr (Ah)	CCA (SAE)	RC (Min.)	Dimension(mm)				Cell Lay-Out	Terminal	Hold- down
	New	Old				L	W	H	TH			
	CMF50AR		50	450	85	206	172	184	204	1	A	B1
	CMF50AL		50	450	85	206	172	184	204	0	A	B1
	CMF60AR		60	470	95	230	172	184	204	1	A	B1
	CMF60AL		60	470	95	230	172	184	204	0	A	B1
D23	65D23R		60	450	90	230	172	200	220	1	A	B0/B1
	65D23L		60	450	90	230	172	200	220	0	A	B0/B1
	75D23R		65	550	110	230	172	200	220	1	A	B0/B1
	75D23L		65	550	110	230	172	200	220	0	A	B0/B1
	95D23R		68	580	115	230	172	200	220	1	A	B0/B1
	95D23L		68	580	115	230	172	200	220	0	A	B0/B1
D26	48D26R	N50	50	450	95	260	175	200	220	1	A	B0/B1
	48D26L	N50L	50	450	95	260	175	200	220	0	A	B0/B1
	55D26R	N50Z	60	500	110	260	175	200	220	1	A	B0/B1
	55D26L	N50ZL	60	500	110	260	175	200	220	0	A	B0/B1
	65D26R		65	550	115	260	175	200	220	1	A	B0/B1
	65D26L		65	550	115	260	175	200	220	0	A	B0/B1
	85D26R	NS70	70	620	130	260	175	200	220	1	A	B0/B1
	85D26L	NS70L	70	620	130	260	175	200	220	0	A	B0/B1
	95D26R		74	640	135	260	175	200	220	1	A	B0/B1
	95D26L		74	640	135	260	175	200	220	0	A	B0/B1
D31	105D26R		78	650	140	260	175	200	220	1	A	B0/B1
	105D26L		78	650	140	260	175	200	220	0	A	B0/B1
	65D31R	N70	70	600	130	301	172	200	220	1	A	B0/B1
	65D31L	N70L	70	600	130	301	172	200	220	0	A	B0/B1
	95D31R		80	660	150	301	172	200	220	1	A	B0/B1
	95D31L		80	660	150	301	172	200	220	0	A	B0/B1
	105D31R	NX120-7	90	750	160	301	172	200	220	1	A	B0/B1
	105D31L	NX120-7L	90	750	160	301	172	200	220	0	A	B0/B1
	115D31R		92	760	165	301	172	200	220	1	A	B0/B1
	115D31L		92	760	165	301	172	200	220	0	A	B0/B1
	125D31R		95	780	170	301	172	200	220	1	A	B0/B1
	125D31L		95	780	170	301	172	200	220	0	A	B0/B1
	CMF100R		100	750	175	324	172	204	224	1	A	B1
	CMF100L		100	750	175	324	172	204	224	0	A	B1
E41	CMFN100	115E41R	100	780	175	403	173	209	231	1	A	B0
	CMFN100L	115E41L	100	780	175	403	173	209	231	0	A	B0
F51	CMF120	130F51	120	850	230	503	182	208	230	4	A	B0
	CMF120L		120	850	230	503	182	208	230	3	A	B0
	CMF140	140F51	140	950	250	503	182	208	230	4	A	B0
	CMF140L		140	950	250	503	182	208	230	3	A	B0
G51	CMF150	155G51	150	1000	300	503	216	208	230	4	A	B0
	CMF150L		150	1000	300	503	216	208	230	3	A	B0
	CMF170	165G51	170	1050	320	503	216	208	230	4	A	B0
	CMF170L		170	1050	320	503	216	208	230	3	A	B0
H52	CMF200	190H52	200	1100	430	503	261	217	239	4	A	B0
	CMF200L		200	1100	430	503	261	217	239	3	A	B0
	CMF220	245H52	220	1200	470	503	261	217	239	4	A	B0
	CMF220L		220	1200	470	503	261	217	239	3	A	B0

■ Notice : The Specifications are subject to change with or without notice



## For European Vehicles DIN CMF Series



DIN Group	Type No. (DIN)	Capacity	RC (Min.)	EN (CCA)	Dimension(mm)				Cell Lay-Out	Terminal	Hold-down
		20Hr (Ah)			L	W	H	TH			
LB1	CMF53624	36	52	330	208	174	174	174	0	A	B1
	CMF53638	36	52	330	208	174	174	174	1	A	B1
	CMF53518	35	52	330	208	174	174	174	0	A	B13
	CMF53519	35	52	330	208	174	174	174	1	A	B13
	CMF54316	43	70	440	208	174	174	174	0	A	B13
	CMF54318	43	70	440	208	174	174	174	1	A	B13
	CMF55016	50	75	460	208	174	174	174	0	A	B13
	CMF55018	50	75	460	208	174	174	174	1	A	B13
L1	CMF54459	44	80	400	208	174	189	189	0	A	B13
	CMF54464	44	80	400	208	174	189	189	1	A	B13
	CMF55066	50	83	430	208	174	189	189	0	A	B13
LB2	CMF53340	33	55	330	242	174	174	174	0	A	B13
	CMF53840	38	63	370	242	174	174	174	0	A	B13
	CMF53844	38	63	370	242	174	174	174	1	A	B13
	CMF54519	45	80	440	242	174	174	174	0	A	B14
	CMF54520	45	80	440	242	174	174	174	1	A	B14
	CMF55040	50	85	460	242	174	174	174	0	A	B13
	CMF55044	50	85	460	242	174	174	174	1	A	B13
	CMF55457	54	94	500	242	174	174	174	0	A	B13
	CMF55458	54	94	500	242	174	174	174	1	A	B13
	CMF55840	58	95	530	242	174	174	174	0	A	B13

■ Notice : The Specifications are subject to change with or without notice

DIN Group	Type No. (DIN)	Capacity	RC (Min.)	EN (CCA)	Dimension(mm)				Cell Lay-Out	Terminal	Hold-down
		20Hr (Ah)			L	W	H	TH			
L2	CMF55559	55	95	480	242	174	189	189	0	A	B13
	CMF55565	55	95	480	242	174	189	189	1	A	B13
	CMF56219	62	105	520	242	174	189	189	0	A	B13
	CMF56220	62	105	520	242	174	189	189	1	A	B13
	CMF56559	65	115	560	242	174	189	189	0	A	B13
	CMF56560	65	115	560	242	174	189	189	1	A	B13
LB3	CMF55415	54	94	500	275	174	174	174	0	A	B13
	CMF55416	54	94	500	275	174	174	174	1	A	B13
	CMF56318	63	110	570	275	174	174	174	0	A	B13
	CMF56320	63	110	570	275	174	174	174	1	A	B13
	CMF57113	71	120	650	275	174	174	174	0	A	B13
	CMF57115	71	120	650	275	174	174	174	1	A	B13
L3	CMF56638	66	110	540	275	174	189	189	0	A	B13
	CMF56640	66	110	540	275	174	189	189	1	A	B13
	CMF57412	74	130	660	275	174	189	189	0	A	B13
	CMF57413	74	130	660	275	174	189	189	1	A	B13
LB4	CMF57539	75	140	660	314	174	174	174	0	A	B13
	CMF58014	80	155	700	314	174	174	174	0	A	B13
	CMF58016	80	155	700	314	174	174	174	1	A	B13
L4	CMF58043	80	150	670	314	174	190	190	0	A	B13
	CMF58044	80	150	670	314	174	190	190	1	A	B13
	CMF59042	90	170	720	314	174	190	190	0	A	B13
	CMF59043	90	170	720	314	174	190	190	1	A	B13
LB5	CMF58515	85	155	720	351	174	174	174	0	A	B13
L5	CMF58827	88	150	680	351	174	189	189	0	A	B13
	CMF58828	88	150	680	351	174	189	189	1	A	B13
	CMF59218	92	160	720	351	174	189	189	0	A	B13
	CMF60038	100	170	780	351	174	189	189	0	A	B13
COMMERCIAL & HEAVY DUTY	CMF61034	110	190	850	351	174	189	189	0	A	B13
	CMF62034	120	230	800	503	183	193	215	3	A	B0
	CMF62038	120	230	800	503	183	193	215	4	A	B0
	CMF64020	140	250	850	503	183	193	215	3	A	B0
	CMF64021	140	250	850	503	183	193	215	4	A	B0
	CMF64317	143	300	900	503	219	193	215	3	A	B0
	CMF64318	143	300	900	503	219	193	215	4	A	B0
	CMF67018	170	320	950	503	219	193	215	3	A	B0
	CMF67019	170	320	950	503	219	193	215	4	A	B0
	CMF68032	180	330	1000	503	219	193	215	3	A	B0
	CMF68033	180	330	1000	503	219	193	215	4	A	B0
	CMF70018	200	430	1050	503	219	193	215	3	A	B0
	CMF70019	200	430	1050	503	219	193	215	4	A	B0
	CMF70027	200	430	1050	503	261	217	239	3	A	B0
	CMF70029	200	430	1050	503	261	217	239	4	A	B0
	CMF72027	220	470	1150	503	261	217	239	3	A	B0
	CMF72029	220	470	1150	503	261	217	239	4	A	B0

■ Notice : The Specifications are subject to change with or without notice



DIN Group	Type No. (DIN)	Capacity 20Hr (Ah)	RC (Min.)	EN (CCA)	Dimension(mm)				Cell Lay-Out	Terminal	Hold-down
					L	W	H	TH			
JIS (B19)	CMF53520	35	52	300	187	127	199	219	0	B	B0/W1
	CMF53522	35	52	300	187	127	199	219	1	B	B0/W1
	CMF54026	40	63	330	187	127	199	219	0	B	B0/W1
	CMF54027	40	63	330	187	127	199	219	1	B	B0/W1
JIS (B24)	CMF54523	45	80	400	236	128	200	220	0	A	B0
	CMF54524	45	80	400	236	128	200	220	1	A	B0
	CMF54584	45	80	400	236	128	200	220	0	B	B0
	CMF54551	45	80	400	236	128	200	220	1	B	B0
-	CMF54577	45	70	380	217	134	200	220	0	A	B1
	CMF54578	45	70	380	217	134	200	220	0	B	B1
	CMF54579	45	70	380	217	134	200	220	1	A	B1
	CMF54580	45	70	380	217	134	200	220	1	B	B1
JIS (D23)	CMF56068	60	110	520	230	168	200	220	0	A	B0/B1
	CMF56069	60	110	520	230	168	200	220	1	A	B0/B1
JIS (D26)	CMF56048	60	110	500	260	168	200	220	0	A	B0/B1
	CMF56049	60	110	500	260	168	200	220	1	A	B0/B1
	CMF57024	70	130	560	260	168	200	220	1	A	B0/B1
	CMF57029	70	130	560	260	168	200	220	0	A	B0/B1
JIS (D31)	CMF57512	75	120	600	301	172	200	220	0	A	B0/B1
	CMF57513	75	120	600	301	172	200	220	1	A	B0/B1
	CMF58513	85	160	660	301	172	200	220	0	A	B0/B1
	CMF58514	85	160	660	301	172	200	220	1	A	B0/B1
	CMF59518	95	170	720	301	172	200	220	0	A	B0/B1
	CMF59519	95	170	720	301	172	200	220	1	A	B0/B1
-	CMF59615	96	175	730	324	172	204	224	0	A	B1
	CMF59616	96	175	730	324	172	204	224	1	A	B1
JIS (E41)	CMF60016	100	175	750	403	173	209	231	0	A	B0

■ Notice : The Specifications are subject to change with or without notice



BCI GROUP SIZE	PART NO.	SAE CCA at 0° F (Amps)	RC (Min.) at 80° F	Dimension(mm)				Lay-Out	Terminal	Hold-down
				L	W	H	TH			
26/70 (70DT)	26/70-450	450	75	208	179	184	204	10,17	DUAL	B7
	26/70-550	550	90	208	179	184	204	10,17	DUAL	B7
26	26-450	450	75	208	172	184	204	10	A	B7
	26-550	550	90	208	172	184	204	10	A	B7
26R	26R-450	450	75	208	172	184	204	11	A	B7
	26R-550	550	90	208	172	184	204	11	A	B7
70	70-450	450	75	208	179	184	184	17	H	B7
	70-550	550	90	208	179	184	184	17	H	B7
34/78 (78DT)	34/78-600	600	110	260	179	184	204	10,17	DUAL	B7
	34/78-700	700	130	260	179	184	204	10,17	DUAL	B7
	34/78-750	750	135	260	179	184	204	10,17	DUAL	B7
34	34-600	600	110	260	172	184	204	10	A	B7
	34-700	700	130	260	172	184	204	10	A	B7
	34-750	750	135	260	172	184	204	10	A	B7
34R	34R-600	600	110	260	172	184	204	11	A	B7
	34R-700	700	130	260	172	184	204	11	A	B7
	34R-750	750	135	260	172	184	204	11	A	B7
78	78-600	600	110	260	179	184	184	17	H	B7
	78-700	700	130	260	179	184	184	17	H	B7
	78-750	750	135	260	179	184	184	17	H	B7
75/86 (75DT)	75/86-520	520	90	230	179	184	204	10,17	DUAL	B7
	75/86-630	630	100	230	179	184	204	10,17	DUAL	B7
75	75-520	520	90	230	179	184	184	17	H	B7
	75-630	630	100	230	179	184	184	17	H	B7
86 (85R)	86-520	520	90	230	172	184	204	10	A	B7
	86-630	630	100	230	172	184	204	10	A	B7
85	85-520	520	90	230	172	184	204	11	A	B7
	85-630	630	100	230	172	184	204	11	A	B7

■ Notice : The Specifications are subject to change with or without notice

BCI GROUP SIZE	PART NO.	SAE CCA at 0° F (Amps)	RC (Min.) at 80° F	Dimension(mm)				Lay-Out	Terminal	Hold-down
				L	W	H	TH			
65	65-670	670	130	294	189	172	192	10	A	B1
	65-720	720	145	294	189	172	192	10	A	B1
	65-820	820	155	294	189	172	192	10	A	B1
31P	31P-650	650	150	330	172	217	238	18	A	B0
	31P-750	750	170	330	172	217	238	18	A	B0
	31P-850	850	180	330	172	217	238	18	A	B0
	31P-950	950	190	330	172	217	238	18	A	B0
31S	31S-650	650	150	330	172	217	238	18	G	B0
	31S-750	750	170	330	172	217	238	18	G	B0
	31S-850	850	180	330	172	217	238	18	G	B0
	31S-950	950	190	330	172	217	238	18	G	B0
31TWIN	31M-650	650	150	330	172	217	238	18	K	B0
	31M-750	750	170	330	172	217	238	18	K	B0
	31M-850	850	180	330	172	217	238	18	K	B0
	31M-950	950	190	330	172	217	238	18	K	B0
30H	30H-750	750	165	325	172	203	223	10	A	B1
	30H-850	850	190	325	172	203	223	10	A	B1
58	58-500	500	72	241	182	157	177	10	A	B8
	58-560	560	78	241	182	157	177	10	A	B8
58R	58R-500	500	72	241	182	157	177	11	A	B8
	58R-560	560	78	241	182	157	177	11	A	B8
24	24-450	450	95	260	175	200	220	10	A	B1
	24-500	500	110	260	175	200	220	10	A	B1
	24-550	550	110	260	175	200	220	10	A	B1
	24-600	600	120	260	175	200	220	10	A	B1
	24-620	620	130	260	175	200	220	10	A	B1
	24-650	650	140	260	175	200	220	10	A	B1
24R (124R)	24R-450	450	95	260	175	200	220	11	A	B1
	24R-500	500	110	260	175	200	220	11	A	B1
	24R-550	550	110	260	175	200	220	11	A	B1
	24R-600	600	120	260	175	200	220	11	A	B1
	24R-620	620	130	260	175	200	220	11	A	B1
	24R-650	650	140	260	175	200	220	11	A	B1
21R (121R)	21R-450	450	80	205	175	200	220	11	A	B1
25	25-450	450	90	230	172	200	220	10	A	B1
	25-550	550	110	230	172	200	220	10	A	B1
	25-580	580	115	230	172	200	220	10	A	B1
35	35-450	450	90	230	172	200	220	11	A	B1
	35-550	550	110	230	172	200	220	11	A	B1
	35-580	580	115	230	172	200	220	11	A	B1
27	27-620	620	130	301	172	200	220	10	A	B1
	27-660	660	150	301	172	200	220	10	A	B1
	27-750	750	160	301	172	200	220	10	A	B1
	27-780	780	170	301	172	200	220	10	A	B1
27R	27R-620	620	130	301	172	200	220	11	A	B1
	27R-660	660	150	301	172	200	220	11	A	B1
	27R-750	750	160	301	172	200	220	11	A	B1
	27R-780	780	170	301	172	200	220	11	A	B1

■ Notice : The Specifications are subject to change with or without notice