



# CERTIFICATION RECORD

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The company named below has been authorized by CSA International to represent the products listed in this record as "CSA Certified" and to affix the CSA Mark to these products according to the terms and conditions of the CSA Service Agreement and applicable CSA program requirements (including additional Markings).

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File No: 091949\_0\_000  
Class No: 3812 01 FANS AND BLOWERS

## SUBMITTOR

4510824 Delta Electronics Inc  
252 Shang Ying Rd  
Kuei San  
Taoyuan Hsien, 333  
Taiwan

## FACTORIES

4510824 Delta Electronics Inc  
252 Shang Ying Rd  
Kuei San  
Taoyuan Hsien, 333  
Taiwan

4665119 Delta Electronics (JiangSu) Ltd.  
No 1688 Jiangxing East Rd  
Wujiang Economic Development Zone  
  
Wujiang City, Jiangsu 215200  
China

4678360 Delta Electronics (Thailand) Public  
Co., Ltd.  
111 Moo 9 Wellgrow Ind Estate  
Bangna-Trad Road, Tambon Bangwua  
  
Amphur Bangpakong  
Chachoengsao, Chachoengsao 24180  
Thailand

4753103 Delta Electronics  
(Dongguan) Co Ltd  
HeTianXia High Tech Industrial Pk

Shijie Town  
Dongguan City, Guangdong 523308  
China

**PLEASE UPDATE THE MODELS IN ALPHABETICAL ORDER**

March 20, 2012(Replaces: March 7, 2012)

**CATEGORIES:**

- Extra Low Voltage Fans and Ventilators

**Notes:**

1. The above categories are components of other certified equipment, where the suitability of the combination is to be determined by CSA International.

- Components, DC Fans, Cat Nos and rating are as follows:

Cat Nos	Rated Voltage (V dc)	Rated Current (mA)	Optional Suffixes
<b>ADB SERIES</b>			
ADB0512H	12	220	0 to 9, A to Z, blank or "-"
ADB0512HH	12	280	0 to 9, A to Z, blank or "-"
ADB0512L	12	120	0 to 9, A to Z, blank or "-"
ADB0512M	12	180	0 to 9, A to Z, blank or "-"
ADB0612H	12	260	0 to 9, A to Z, blank or "-"
ADB0612HH	12	360	0 to 9, A to Z, blank or "-"
ADB0612L	12	140	0 to 9, A to Z, blank or "-"
ADB0612M	12	180	0 to 9, A to Z, blank or "-"
<b>AFB SERIES</b>			
AFB02505HA	5	180	STD R00 F00
AFB02505HB	5	120	STD F00
AFB02505HB-A	5	120	0 to 9, A to Z, blank or "-"
AFB02505HHA	5	240	-
AFB02505HHB	5	230	STD F00
AFB02505-HHB-A	5	210	0 to 9, A to Z, blank or "-"

AFB02505LA	5	60	STD R00 F00
AFB02505LB	5	50	STD F00
AFB02505LB-A	5	50	0 to 9, A to Z, blank or "-"
AFB02505MA	5	100	STD R00 F00
AFB02505MB	5	80	STD F00
AFB02505MB-A	5	80	0 to 9, A to Z, blank or "-"
AFB02512HA	12	100	STD R00 F00
AFB02512HA	12	100	0 to 9, A to Z
AFB02512HHA	12	120	STD R00 F00
AFB02512HHA	12	120	0 to 9, A to Z
AFB02512LA	12	50	STD R00 F00
AFB02512MA	12	60	STD R00 F00
AFB02512MA	12	60	0 to 9, A to Z
AFB02512VHB- 5B05	12	210	0 to 9, A to Z
AFB0305HA	5	240	-
AFB0305HK	5	210	STD F00
AFB0305LA	5	110	-
AFB0305LK	5	90	STD F00
AFB0305LLA	5	60	-
AFB0305MA	5	170	-
AFB0305MK	5	170	STD F00
AFB0312HA	12	150	-
AFB0312LA	12	80	-
AFB0312LLA	12	50	-
AFB0312MA	12	110	-
AFB03505HA	5	210	-
AFB03505LA	5	90	-
AFB03505MA	5	150	-
AFB03512HA	12	140	0 to 9, A to Z
AFB03512LA	12	60	0 to 9, A to Z

AFB03512MA	12	80	0 to 9, A to Z
AFB0405HA	5	240	R00 RR0 F00
AFB0405HA-A	5	120	0 to 9, A to Z, blank or "-"
AFB0405HHA	5	310	R00 RR0 F00
AFB0405HHA-A	5	140	0 to 9, A to Z, blank or "-"
AFB0405HD	5	600	R00 F00
AFB0405HHD	5	700	R00 F00
AFB0405HK	5	290	STD F00
AFB0405LA	5	100	R00 RR0 F00
AFB0405LA-A	5	80	0 to 9, A to Z, blank or "-"
AFB0405LD	5	210	R00 F00
AFB0405LK	5	140	STD F00
AFB0405MA	5	150	R00 RR0 R00
AFB0405MD	5	330	R00 F00
AFB0405MK	5	180	STD F00
AFB0405MA-A	5	100	0 to 9, A to Z, blank or "-"
AFB0405VHA-A	5	160	0 to 9, A to Z, blank or "-"
AFB0412HB-5F45	12	120	0 to 9, A to Z
AFB0412HA	12	140	R00 RR0 F00
AFB0412HHA	12	200	R00 RR0 F00
AFB0412HD	12	180	R00 F00
AFB0412HHD	12	240	R00 F00
AFB0412LA	12	70	R00 RR0 F00
AFB0412LD	12	90	R00 F00
AFB0412MA	12	100	R00 RR0 F00
AFB0412MD	12	140	R00 F00
AFB0412LA-A	12	60	0 to 9, A to Z, blank or "-"
AFB0412MA-A	12	70	0 to 9, A to Z, blank or "-"
AFB0412HA-A	12	80	0 to 9, A to Z, blank or "-"
AFB0412HHA-A	12	100	0 to 9, A to Z, blank or "-"
AFB0412VHA-A	12	120	0 to 9, A to Z, blank or "-"

AFB0424HD	24	110	R00 F00
AFB0424HHD	24	140	R00 F00
AFB0424LD	24	80	R00 F00
AFB0424MD	24	90	R00 F00
AFB04505LA	5	210	STD, F00, R00
AFB04505MA	5	250	STD, F00, R00
AFB04512LB	12	110	0 to 9, A to Z
AFB04512MB	12	120	0 to 9, A to Z
AFB04512HB	12	170	0 to 9, A to Z
AFB04512LA	12	120	STD, F00, R00
AFB04512MA	12	170	STD, F00, R00
AFB04512HA	12	250	STD, F00, R00
AFB0505HA	5	260	R00 RR0 F00
AFB0505HB	5	450	-
AFB0505LA	5	120	R00 RR0 F00
AFB0505LB	5	230	-
AFB0505MA	5	180	R00 RR0 F00
AFB0505MB	5	330	-
AFB0512LB-A	12	110	STD, F00, R00
AFB0512MB-A	12	120	STD, F00, R00
AFB0512HB-A	12	170	STD, F00, R00
AFB0512HA	12	180	R00 RR0 F00
AFB0512HB	12	150	-
AFB0512HHB	12	200	-
AFB0512LA	12	100	R00 RR0 F00
AFB0512LB	12	90	-
AFB0512MA	12	150	R00 RR0 F00
AFB0512MB	12	120	-
AFB0524HB	24	110	R00 STD F00
AFB0524HHB	24	120	R00 STD F00
AFB0524LB	24	80	R00 STD F00

AFB0524MB	24	90	R00 STD F00
AFB0605H	5	470	STD F00 R00 R05RR0 RR05
AFB0605HA	5	450	-
*AFB0605HB	5	450	STD F00
AFB0605HD, AFB0605HD-F00	5	360	-
AFB0605HH	5	550	STD F00 R00 R05 RR0 RR05
*AFB0605HHB	5	600	STD F00
AFB0605HHD, AFB0605HHD-F00	5	500	-
AFB0605L	5	230	STD F00 R00 R05 RR0 RR05
AFB0605LA	5	250	-
*AFB0605LB	5	200	STD F00
AFB0605LC	5	180	STD F00 R00
AFB0605MC	5	270	STD F00 R00
AFB0605HC	5	400	STD F00 R00
AFB0605LD, AFB0605LD-F00	5	210	-
AFB0605LLD	5	170	-
AFB0605M	5	330	STD F00 R00 R05 RR0 RR05
AFB0605MA	5	350	-
*AFB0605MB	5	300	STD F00
AFB0605MD, AFB0605MD-F00	5	290	-
AFB0612EH	12	480	STD R00 F00
AFB0612H	12	150	STD R00 RR0 F00
AFB0612H-SB	12	150	STD
AFB0612HA	12	220	-
*AFB0612HB	12	150	STD R00 F00 R05 F05
AFB0612HH	12	400 or 250	STD R00 RR0

			F00
AFB0612HH-SB	12	250	STD
*AFB0612HHB	12	180	STD R00 F00 R05 F05
AFB0612HD	12	170	-
AFB0612HHD	12	230	-
AFB0612LE	12	280	STD, F00, R00
AFB0612ME	12	400	STD, F00, R00
AFB0612HE	12	540	STD, F00, R00
AFB0612HHE	12	820	STD, F00, R00
AFB0612VHD	12	270	0 to 9, A to Z
AFB0612SHD	12	420	0 to 9, A to Z
AFB0612EHD	12	470	0 to 9, A to Z
AFB0612VHE	12	1020	0 to 9, A to Z
AFB0612SHE	12	1320	0 to 9, A to Z
AFB0612EHE	12	1680	0 to 9, A to Z
AFB0612GHE	12	1800	0 to 9, A to Z
AFB0612VHF	12	770	0 to 9, A to Z
AFB0612SHF	12	1000	0 to 9, A to Z
AFB0612EHF	12	1260	0 to 9, A to Z
AFB0612GHF	12	1620	0 to 9, A to Z
AFB0612L-SB	12	90	STD
AFB0612LA	12	120	-
*AFB0612LB	12	100	STD R00 F00 R05 F05
AFB0612LC	12	120	STD, F00, R00
AFB0612MC	12	170	STD, F00, R00
AFB0612HC	12	210	STD, F00, R00
AFB0612HHC	12	300	STD, F00, R00
AFB0612VHC	12	360	STD, F00, R00
AFB0612LD	12	110	-
AFB0612LE	12	280	STD, F00, R00
AFB0612LLD	12	90	STD, F00, R00

AFB0612ME	12	400	STD, F00, R00
AFB0612HE	12	540	STD, R00, F00
AFB0612M-SB	12	120	STD
AFB0612HHE	12	820	STD, R00, F00
AFB0612MA	12	150	-
AFB0612MB	12	120	R00 RR0 F00
AFB0612MD	12	140	-
AFB0612SHE	12	1320	STD, R00, F00
AFB0612EHE	12	1680	STD, R00, F00
*AFB0612VHB	12	240	STD R00 F00 R05 F05
AFB0612VHE	12	1020	STD, R00, F00
AFB0612VHD	12	270	STD, R00, F00
*AFB0624HB	24	120	STD R00 F00 R05 F05
AFB0624HD	24	80	-
AFB0624HE	24	300	STD, R00, F00
*AFB0624HHB	24	150	STD R00 F00 R05 F05
AFB0624HHD	24	110	STD, F00, R00
AFB0624HHE	24	460	STD, R00, F00
AFB0624LE	24	160	STD, R00, F00
*AFB0624LB	24	60	STD R00 F00 R05 F05
AFB0624LC	24	80	STD, F00, R00
AFB0624MC	24	90	STD, F00, R00
AFB0624HC	24	110	STD, F00, R00
AFB0624HHC	24	140	STD, F00, R00
AFB0624VHC	24	180	STD, F00, R00
AFB0624LE	24	160	STD, F00, R00
AFB0624ME	24	220	STD, F00, R00
AFB0624HE	24	300	STD, F00, R00
AFB0624HHE	24	460	STD, F00, R00
AFB0624ME	24	220	STD, R00, F00
AFB0624LD	24	50	STD, R00, F00



AFB0624LLD	24	50	-
*AFB0624MB	24	100	STD R00 F00 R05 F05
AFB0624MD	24	60	-
*AFB0624VHB	24	160	STD R00 F00 R05 F05
AFB0624VHD	24	140	-
*AFB0648EH	48	210	STD R00 F00
AFB0648L	48	60	-
AFB0648M	48	60	-
*AFB0648SH	48	170	STD R00 F00
*AFB0648VH	48	140	STD R00 F00
AFB0648VH-5C2C	48	100	0 to 9, A to Z, blank or "-"
AFB0705H	5	600	STD R00 F00
AFB0705L	5	230	STD R00 F00
AFB0705M	5	330	STD R00 F00
AFB0712H	12	290	STD R00 F00
*AFB0712HA	12	150	STD R00 F00
AFB0712HH	12	400	STD R00 F00
*AFB0712HHA	12	200	STD R00 F00
AFB0712L	12	140	STD R00 F00
*AFB0712LA	12	80	STD R00 F00
AFB0712LC	12	140	STD R00 F00
AFB0712M	12	180	STD R00 F00
*AFB0712MA	12	110	STD R00 F00
AFB0712SH	12	760	0 to 9, A to Z
AFB0712VH	12	560	STD R00 F00
*AFB0712VHA	12	270	STD R00 F00
AFB0712MC	12	240	STD R00 F00
AFB0712HC	12	330	STD R00 F00
AFB0712HHC	12	450	STD R00 F00
AFB0712LLB	12	120	STD, F00, R00

AFB0712LB	12	140	STD, F00, R00
AFB0712MB	12	240	STD, F00, R00
AFB0712HB	12	330	STD, F00, R00
AFB0712HHB	12	450	STD, F00, R00
AFB0712VHE	12	1000	0 to 9, A to Z
AFB0712LD	12	80	STD R00 F00
AFB0712MD	12	140	STD, F00, R00
AFB0712HD	12	220	STD, F00, R00
AFB0712HHD	12	300	STD, F00, R00
AFB0712VHD	12	400	STD, F00, R00
AFB0712VHB	12	550	F00, R00, STD
AFB0712HB-P117	12	550	F00, R00, STD
AFB0724H	24	160	STD R00 F00
AFB0724HH	24	220	STD R00 F00
AFB0724L	24	90	STD R00 F00
AFB0724M	24	110	STD R00 F00
AFB0724VH	24	330	STD R00 F00
AFB0724LB	24	110	STD, F00, R00
AFB0724MB	24	140	STD, F00, R00
AFB0724HB	24	210	STD, F00, R00
AFB0724HHB	24	250	STD, F00, R00
AFB0724LLB	24	100	STD, F00, R00
AFB0724LC	24	110	STD, F00, R00
AFB0724MC	24	140	STD, F00, R00
AFB0724HC	24	210	STD, F00, R00
AFB0724HHC	24	250	STD, F00, R00
AFB0724LD	24	80	STD, F00, R00
AFB0724MD	24	100	STD, F00, R00
AFB0724HD	24	140	STD, F00, R00
AFB0724HHD	24	180	STD, F00, R00
AFB0724VHD	24	270	STD, F00, R00
AFB0724SH	24	430	0 to 9, A to Z

AFB0724SI

	48	50	-
AFB0748M	48	60	-
AFB0748H	48	60	-
AFB0748HH	48	80	-
AFB0805H	5	650	STD R00 F00
AFB0805L	5	450	STD R00 F00
AFB0805LL	5	250	STD R00 F00
AFB0805M	5	550	STD R00 F00
AFB0805H-T6A9	5	650	STD, R00, F00
AFB0812H	12	240	STD R00 F00
AFB0812HB	12	200	STD R00 F00
AFB0812HH	12	300	STD R00 F00
AFB0812HHB	12	240	STD R00 F00
AFB0812L	12	120	STD R00 F00
AFB0812LB	12	140	STD R00 F00
AFB0812LL	12	100	STD R00 F00
AFB0812LLB	12	110	STD R00 F00
AFB0812LLD	12	90	STD, F00, R00
AFB0812LD	12	150	STD, F00, R00
AFB0812MD	12	200	STD, F00, R00
AFB0812HD	12	270	STD, F00, R00
AFB0812HHD	12	400	STD, F00, R00
AFB0812VHD	12	500	STD, F00, R00
AFB0812SHD	12	330	STD, F00, R00
AFB0812M	12	180	STD R00 F00
AFB0812MB	12	170	STD R00 F00
AFB0812L-SB	12	120	-
AFB0812M-SB	12	180	-
AFB0812H-SB	12	240	-
AFB0812SH	12	510	STD R00 F00
AFB0812SHB	12	400	STD R00 F00
AFB0812VH	12	410	STD R00 F00
AFB0812VHR			

	12	300	STD R00 F00
AFB0812LF	12	360	0 to 9, A to Z, blank or "-"
AFB0812MF	12	470	0 to 9, A to Z, blank or "-"
AFB0812HF	12	590	0 to 9, A to Z, blank or "-"
AFB0812HHF	12	800	0 to 9, A to Z, blank or "-"
AFB0812VHF	12	1040	0 to 9, A to Z, blank or "-"
AFB0812SHF	12	1380	0 to 9, A to Z, blank or "-"
AFB0812SHE	12	1000	0 to 9, A to Z, blank or "-"
AFB0812EHE	12	1400	0 to 9, A to Z, blank or "-"
AFB0812GHE	12	2000	0 to 9, A to Z, blank or "-"
AFB0824H	24	120	STD R00 F00
AFB0824HB	24	120	STD R00 F00
AFB0824HH	24	150	STD R00 F00
AFB0824HHB	24	150	STD R00 F00
AFB0824L	24	90	STD R00 F00
AFB0824LB	24	80	STD R00 F00
AFB0824LL	24	70	STD R00 F00
AFB0824LLD	24	50	STD, F00, R00
AFB0824LD	24	60	STD, F00, R00
AFB0824MD	24	80	STD, F00, R00
AFB0824HD	24	120	STD, F00, R00
AFB0824HHD	24	140	STD, F00, R00
AFB0824VHD	24	150	STD, F00, R00
AFB0824SHD	24	180	STD, F00, R00
AFB0824SHE	24	500	0 to 9, A to Z, blank or "-"
AFB0824EHE	24	700	0 to 9, A to Z, blank or "-"
AFB0824GHE	24	950	0 to 9, A to Z, blank or "-"
AFB0824LLB	24	70	STD R00 F00
AFB0824M	24	100	STD R00 F00
AFB0824MB	24	100	STD R00 F00
AFB0824SH	24	330	STD R00 F00
AFB0824SHB	24	260	STD R00 F00
AFB0824VH			

	24	210	STD R00 F00
AFB0824VHB	24	180	STD R00 F00
AFB0848L	48	90	-
AFB0848M	48	110	-
AFB0848H	48	110	-
AFB0848HH	48	120	-
AFB08512LD	12	140	0 to 9, A to Z, blank or "-"
AFB08512MD	12	200	0 to 9, A to Z, blank or "-"
AFB08512HD	12	270	0 to 9, A to Z, blank or "-"
AFB08512HHD	12	360	0 to 9, A to Z, blank or "-"
AFB08512VHD	12	600	0 to 9, A to Z, blank or "-"
AFB0912H	12	300	STD, F00, R00, F05, R05, RR0, RR05, A to Z, 0 to 9, blank or "-"
AFB0912H-A	12	300	0 to 9, A to Z
AFB0912HF	12	280	0 to 9, A to Z
AFB0912HH	12	400	STD, F00, R00, F05, R05, RR0, RR05, A to Z, 0 to 9, blank or "-"
AFB0912HH-A	12	400	0 to 9, A to Z
AFB0912HHF	12	420	0 to 9, A to Z
AFB0912H-SB	12	300	-
AFB0912L	12	150	STD, F00, R00, F05, R05, RR0, RR05, A to Z, 0 to 9, blank or "-"
AFB0912L-A	12	150	0 to 9, A to Z
AFB0912LF	12	130	0 to 9, A to Z
AFB0912L-SB	12	150	-
AFB0912M	12	200	STD, F00, R00, F05, R05, RR0, RR05, A to Z, 0 to 9, blank or "-"
AFB0912M-A	12	200	0 to 9, A to Z
AFB0912MF	12	190	0 to 9, A to Z
AFB0912M-SB	12	200	-
AFB0912SH-A	12	1000	0 to 9, A to Z
AFB0912SHF	12	900	0 to 9, A to Z
AFB0912SH	12	900	0 to 9, A to Z
AFB0912SH-SP16	12	900	0 to 9, A to Z

AFB0912SH-SP20	12	900	0 to 9, A to Z
AFB0912VH	12	600	STD, F00, R00, F05, R05, RR0, RR05, A to Z, 0 to 9, blank or "-"
AFB0912VH-A	12	600	0 to 9, A to Z
AFB0912VH-4J1X	12	600	0 to 9, A to Z, blank or "-"
AFB0912VH-4J1X	12	600	0 to 9, A to Z
AFB0912VH-6K44	12	600	0 to 9, A to Z, blank or "-"
AFB0912VH-7A21	12	600	0 to 9, A to Z, blank or "-"
AFB0912VH-7A31	12	600	0 to 9, A to Z, blank or "-"
AFB0912VHF	12	560	0 to 9, A to Z
AFB0912LB	12	120	0 to 9, A to Z
AFB0912MB	12	160	0 to 9, A to Z
AFB0912HB	12	260	0 to 9, A to Z
AFB0912HHB	12	450	0 to 9, A to Z
AFB0912EHE	12	1680	0 to 9, A to Z
AFB0912GHE	12	2220	0 to 9, A to Z
AFB0912UHE	12	3000	0 to 9, A to Z
AFB0912LD	12	120	F00, R00, STD
AFB0912MD	12	150	F00, R00, STD
AFB0912HD	12	240	F00, R00, STD
AFB0912HHD	12	360	F00, R00, STD
AFB0912VHD	12	420	F00, R00, STD
AFB0924LD	24	90	F00, R00, STD
AFB0924MD	24	120	F00, R00, STD
AFB0924HD	24	150	F00, R00, STD
AFB0924HHD	24	200	F00, R00, STD
AFB0924VHD	24	270	F00, R00, STD
AFB0924LB	24	60	0 to 9, A to Z
AFB0924MB	24	90	0 to 9, A to Z
AFB0924HB	24	160	0 to 9, A to Z
AFB0924LF	24	110	0 to 9, A to Z
AFB0924MF	24	160	0 to 9, A to Z
AFB0924HF	24	230	0 to 9, A to Z

AFB0924HHF	24	260	0 to 9, A to Z
AFB0924VHF	24	340	0 to 9, A to Z
AFB0924H	24	200	STD, F00, R00, F05, R05, RR0, RR05, A to Z, 0 to 9, blank or "-"
AFB0924HH	24	250	STD, F00, R00, F05, R05, RR0, RR05, A to Z, 0 to 9, blank or "-"
AFB0924L	24	100	STD, F00, R00, F05, R05, RR0, RR05, A to Z, 0 to 9, blank or "-"
AFB0924L-A	24	100	0 to 9, A to Z
AFB0924M-A	24	120	0 to 9, A to Z
AFB0924H-A	24	150	0 to 9, A to Z
AFB0924HH-A	24	220	0 to 9, A to Z
AFB0924VH-A	24	300	0 to 9, A to Z
AFB0924SH-A	24	500	0 to 9, A to Z
AFB0924M	24	150	STD, F00, R00, F05, R05, RR0, RR05, A to Z, 0 to 9, blank or "-"
AFB0924VH	24	400	STD, F00, R00, F05, R05, RR0, RR05, A to Z, 0 to 9, blank or "-"
AFB0948L	48	80	-
AFB0948M	48	80	-
AFB0948H	48	90	-
AFB0948HH	48	140	-
AFB0948LF	48	70	0 to 9, A to Z
AFB0948MF	48	80	0 to 9, A to Z
AFB0948MF	48	100	0 to 9, A to Z
AFB0948HHF	48	120	0 to 9, A to Z
AFB0948VHF	48	180	0 to 9, A to Z
AFB09512H	12	300	0 to 9, A to Z, blank or "-"
AFB09512HH	12	380	0 to 9, A to Z, blank or "-"
AFB09512VH	12	600	0 to 9, A to Z, blank or "-"
AFB1012VHE	12	1700	0 to 9, A to Z
AFB1012SHE	12	1920	0 to 9, A to Z
AFB1012EHE	12	2400	0 to 9, A to Z
AFB1024VHE	24	840	0 to 9, A to Z

AFB1024SHE	24	1020	0 to 9, A to Z
AFB1024EHE	24	1200	0 to 9, A to Z
AFB1212EHF	12	2300	0 to 9, A to Z
AFB1212H	12	350	STD, F00, R00
AFB1212HE	12	480	A to Z, 0 to 9, blank or "-"
AFB1212HF	12	650	0 to 9, A to Z
AFB1212HHE	12	700	A to Z, 0 to 9, blank or "-"
AFB1212HE-RD0	12	480	0 to 9, A to Z
AFB1212HH	12	500	STD, F00, R00
AFB1212HHF	12	800	0 to 9, A to Z
AFB1212L	12	210	STD, F00, R00
AFB1212LE	12	300	A to Z, 0 to 9, blank or "-"
AFB1212M	12	270	STD, F00, R00
AFB1212ME	12	400	A to Z, 0 to 9, blank or "-"
AFB1212MF	12	400	0 to 9, A to Z
AFB1212SH	12	800	STD, F00, R00
AFB1212SH-SV15	12	800	STD, F00, R00
AFB1212SHF	12	1650	0 to 9, A to Z
AFB1212VHE	12	900	STD, F00, R00 0 to 9, A to Z, blank or "-"
AFB1212VHF	12	1200	0 to 9, A to Z
AFB1212VH	12	600	STD, F00, R00
AFB1224HE	24	360	A to Z, 0 to 9, blank or "-"
AFB1224HHE	24	450	A to Z, 0 to 9, blank or "-"
AFB1224LE	24	230	A to Z, 0 to 9, blank or "-"
AFB1224ME	24	300	A to Z, 0 to 9, blank or "-"
AFB1224VHE	24	570	A to Z, 0 to 9, blank or "-"
AFB1224MF	24	250	0 to 9, A to Z
AFB1224HF	24	400	0 to 9, A to Z
AFB1224HHF	24	500	0 to 9, A to Z
AFB1224VHF	24	650	0 to 9, A to Z
AFB1224SHF	24	900	0 to 9, A to Z
AFB1224L	24	140	STD, F00, R00



AFB1224M	24	180	STD, F00, R00
AFB1224H	24	210	STD, F00, R00
AFB1224HH	24	270	STD, F00, R00
AFB1224VH	24	350	STD, F00, R00
AFB1224SH	24	420	STD, F00, R00
AFB1248EHE-5K82	48	740	0 to 9, A to Z
AFB1248H	48	110	STD, F00, R00
AFB1248HH	48	150	STD, F00, R00
AFB1248HF	48	170	0 to 9, A to Z
AFB1248HHF	48	270	0 to 9, A to Z
AFB1248L	48	80	STD, F00, R00
AFB1248M	48	90	STD, F00, R00
AFB1248MF	48	130	0 to 9, A to Z
AFB1248SH	48	210	STD, F00, R00
AFB1248SHF	48	450	0 to 9, A to Z
AFB1248VH	48	170	STD, F00, R00
AFB1248VHF	48	320	0 to 9, A to Z
AFB1312M-SM02	12	380	0 to 9, A to Z, blank or "-"
AFB1312HE	12	1200	
AFB1312HHE	12	1600	
AFB1312VHE	12	2100	
AFB1312SHE	12	2760	
AFB1324HE	24	650	
AFB1324HHE	24	850	
AFB1324VHE	24	1100	
AFB1324SHE	24	1350	
AFB1348HE	48	400	0 to 9, A to Z
AFB1348HHE	48	450	0 to 9, A to Z
AFB1348VHE	48	600	0 to 9, A to Z
AFB1348SHE	48	700	0 to 9, A to Z
AFB1512EH	12	3600	0 to 9, A to Z
AFB1512L	12	950	0 to 9, A to Z

AFB1512M	12	1430	0 to 9, A to Z
AFB1512H	12	2130	0 to 9, A to Z
AFB1512HH	12	2600	0 to 9, A to Z
AFB1524EH	24	1920	0 to 9, A to Z
AFB1524H	24	1100	0 to 9, A to Z
AFB1524HH	24	1300	0 to 9, A to Z
AFB1524L	24	540	0 to 9, A to Z
AFB1524M	24	780	0 to 9, A to Z
AFB1524LG	24	1080	0 to 9, A to Z
AFB1524MG	24	1440	0 to 9, A to Z
AFB1524HG	24	2100	0 to 9, A to Z
AFB1524VHG	24	1800	0 to 9, A to Z, blank or "-"
AFB1523SHG	24	2280	0 to 9, A to Z, blank or "-"
AFB1524EHG	24	3000	0 to 9, A to Z, blank or "-"
AFB1524GHG	24	3480	0 to 9, A to Z, blank or "-"
AFB1525HHG	24	2520	0 to 9, A to Z
AFB1548L	48	270	0 to 9, A to Z
AFB1548M	48	420	0 to 9, A to Z
AFB1548H	48	520	0 to 9, A to Z
AFB1548HH	48	650	0 to 9, A to Z
AFB1548VH	48	440	0 to 9, A to Z
AFB1548SH	48	520	0 to 9, A to Z
AFB1548EH	48	650	0 to 9, A to Z
AFB1548LG	48	600	0 to 9, A to Z
AFB1548MG	48	740	0 to 9, A to Z
AFB1548HG	48	960	0 to 9, A to Z
AFB1548HHG	48	1330	0 to 9, A to Z
AFB1548VHG	48	960	0 to 9, A to Z, blank or "-"
AFB1548SHG	48	960	0 to 9, A to Z, blank or "-"
AFB1548EHG	48	1440	0 to 9, A to Z, blank or "-"
AFB1548GHG	48	1800	0 to 9, A to Z, blank or "-"
AFB1712EH	12	3600	0 to 9, A to Z
AFB1712I			

	12	950	0 to 9, A to Z
AFB1712M	12	1430	0 to 9, A to Z
AFB1712H	12	2130	0 to 9, A to Z
AFB1712HH	12	2600	0 to 9, A to Z
AFB1724EH	24	1920	0 to 9, A to Z
AFB1724H	24	1100	0 to 9, A to Z
AFB1724HH	24	1300	0 to 9, A to Z
AFB1724L	24	540	0 to 9, A to Z
AFB1724M	24	780	0 to 9, A to Z
AFB1724VHG	24	1800	0 to 9, A to Z, blank or "-"
AFB1724SHG	24	2280	0 to 9, A to Z, blank or "-"
AFB1724EHG	24	3000	0 to 9, A to Z, blank or "-"
AFB1724GHG	24	3480	0 to 9, A to Z, blank or "-"
AFB1748L	48	270	0 to 9, A to Z
AFB1748M	48	420	0 to 9, A to Z
AFB1748H	48	520	0 to 9, A to Z
AFB1748HH	48	650	0 to 9, A to Z
AFB1748EH	48	720	0 to 9, A to Z
AFB1748VHG	48	960	0 to 9, A to Z, blank or "-"
AFB1748SHG	48	1200	0 to 9, A to Z, blank or "-"
AFB1748EHG	48	1440	0 to 9, A to Z, blank or "-"
AFB1748GHG	48	1800	0 to 9, A to Z, blank or "-"
AFB148D	48	720	0 to 9, A to Z
AFC SERIES			
AFC0512AB	12	250	STD R00 F00
AFC0512BB	12	250	STD R00 F00
AFC0612AB	12	240	STD R00 F00
AFC0612BB	12	240	STD R00 F00
AFC0612A	12	250	-
AFC0612B	12	250	STD, F00, R00
AFC0612AD	12	270	STD, F00, R00
AFC0612BD	12	270	STD, F00, R00

AFC0612DB	12	450	0 to 9, A to Z
AFC0612DD	12	480	0 to 9, A to Z
AFC0612DE	12	1800	0 to 9, A to Z
AFC0712A	12	330	F00 R00
AFC0712B	12	330	F00 R00
AFC0712D	12	660	0 to 9, A to Z
AFC0712DD	12	450	0 to 9, A to Z
AFC0712DB	12	450	0 to 9, A to Z
AFC0712DE	12	1000	0 to 9, A to Z
AFC0712DE-A	12	2500	STD F00 R00 0 to 9, A to Z, blank or "-"
AFC0712DE-6B1FR	12	2500	STD F00 R00 0 to 9, A to Z, blank or "-"
AFC0712DE-5J76	12	500	0 to 9, A to Z, blank or "-"
AFC0812A	12	600	R00 F00
AFC0812B	12	600	R00 F00
AFC0812C	12	600	F00 R00 STD
AFC0812D	12	460	0 to 9, A to Z
AFC0812DD	12	750	0 to 9, A to Z
AFC0812DE	12	2000	0 to 9, A to Z, blank or "-"
AFC0824A	24	330	-
AFC0824B	24	330	-
AFC0824C	24	330	0 to 9, A to Z
AFC08512DD	12	600	0 to 9, A to Z, blank or "-"
AFC0912A-(M)	12	180	R00 F00
AFC0912B-(M)	12	180	R00 F00
AFC0912A-(H)	12	300	R00 F00
AFC0912B-(H)	12	300	R00 F00
AFC0912A-(HH)	12	400	R00 F00
AFC0912B-(HH)	12	400	R00 F00
AFC0912D-6C77	12	600	0 to 9, A to Z, blank or "-"
AFC0912D-6G75	12	600	0 to 9, A to Z, blank or "-"
AFC0912D-6D60	12	600	0 to 9, A to Z, blank or "-"

AFC0912D-6C1P	12	600	0 to 9, A to Z, blank or "-"
AFC0912C	12	600	0 to 9, A to Z
AFC0912D	12	460	0 to 9, A to Z
AFC0912D-A	12	1000	0 to 9, A to Z
AFC0912D-6C77	12	600	0 to 9, A to Z
AFC0912D-6C1P	12	600	0 to 9, A to Z
AFC0912D-6D60	12	600	0 to 9, A to Z
AFC0912DE	12	3000	F00, R00, STD
AFC0912DB	12	450	0 to 9, A to Z
AFC0912DF	12	1430	0 to 9, A to Z
AFC0924A	24	400	-
AFC0924B	24	400	-
AFC0924C	24	400	0 to 9, A to Z
AFC0948DE-SP08	48	700	0 to 9, A to Z
AFC09512D	12	600	0 to 9, A to Z, blank or "-"
AFC1012DE	12	2400	0 to 9, A to Z
AFC1024DE	24	1200	0 to 9, A to Z
AFC1212D	12	800	STD, F00, R00
AFC1212DE	12	1600	F00, R00, STD
AFC1212DE-SP	12	3000	0 to 9, A to Z
AFC1212AE	12	900	F00, R00, STD, F05, R05
AFC1212BE	12	900	F00, R00, STD, F05, R05
AFC1212DE-SP02	12	600	0 to 9, A to Z, blank or "-"
AFC1224D	24	420	STD, F00, R00
AFC1224DE	24	750	F00, R00, STD
AFC1224AE	24	570	F00, R00, STD, F05, R05
AFC1224BE	24	570	F00, R00, STD, F05, R05
AFC1248D	48	270	STD, F00, R00
AFC1248DE	48	270	F00, R00, STD
AFC1248AE	48	270	F00, R00, STD,

			F05, R05
AFC1248BE	48	270	F00, R00, STD, F05, R05
AFC1248D-6A28	48	480	0 to 9, A to Z
AFC1248DE-6H58R	42	1640	0 to 9, A to Z, blank or "-"
AFC1512D	12	3600	0 to 9, A to Z
AFC1512DG-5C34	12	1800	0 to 9, A to Z
AFC1524D	24	1920	0 to 9, A to Z
AFC1524DG	24	3480	0 to 9, A to Z, blank or "-"
AFC1548D	48	720	0 to 9, A to Z
AFC1548DG	48	1800	0 to 9, A to Z, blank or "-"
AFC1712D	12	3600	0 to 9, A to Z
AFC1724D	24	1920	0 to 9, A to Z
AFC1724DG	24	3480	0 to 9, A to Z, blank or "-"
AFC1748DG	48	1800	0 to 9, A to Z, blank or "-"
AHB SERIES			
AHB1348VHE	48	490	0 to 9, A to Z
AHB1348SHE	48	590	0 to 9, A to Z
AHB1348EHE	48	730	0 to 9, A to Z
AHB1348GHE	48	900	0 to 9, A to Z
AHB1548VHG	48	850	0 to 9, A to Z
AHB1548SHG	48	1060	0 to 9, A to Z
AHB1548EHG	48	1460	0 to 9, A to Z
AHB1548GHG	48	1820	0 to 9, A to Z
AHB1748VH	48	440	0 to 9, A to Z
AHB1748SH	48	520	0 to 9, A to Z
AHB1748EH	48	620	0 to 9, A to Z
AHB1748VHG	48	850	0 to 9, A to Z
AHB1748SHG	48	1060	0 to 9, A to Z
AHB1748EHG	48	1460	0 to 9, A to Z
AHB1748GHG	48	1820	0 to 9, A to Z

## ASB SERIES

ASB02505LA	5	60	0 to 9, A to Z, blank or "-"
ASB02505LLA	5	40	0 to 9, A to Z, blank or "-"
ASB02505HA	5	140	0 to 9, A to Z, blank or "-"
ASB02505HHA	5	270	0 to 9, A to Z, blank or "-"
ASB02505MA	5	90	0 to 9, A to Z, blank or "-"
ASB02505VHA	5	300	0 to 9, A to Z, blank or "-"
ASB03512MA	12	60	0 to 9, A to Z, blank or "-"
ASB03512HA	12	80	0 to 9, A to Z, blank or "-"
ASB03505LB-6C18	5	110	0 to 9, A to Z, blank or "-"
ASB0405LA	5	100	R00 RR0 F00
ASB0405MA	5	150	R00 RR0 F00
ASB0405HA	5	200	R00 RR0 F00
ASB0405HHA	5	250	R00 RR0 F00
ASB0405LA-A	5	100	0 to 9, A to Z, blank or "-"
ASB0405MA-A	5	120	0 to 9, A to Z, blank or "-"
ASB0405HA-A	5	160	0 to 9, A to Z, blank or "-"
ASB0405HHA-A	5	200	0 to 9, A to Z, blank or "-"
ASB0405VHA-A	5	240	0 to 9, A to Z, blank or "-"
ASB0412HA	12	120	R00 RR0 F00
ASB0412HHA	12	150	R00 RR0 F00
ASB0412LA	12	80	R00 RR0 F00
ASB0412MA	12	90	R00 RR0 F00
ASB0412MA-6K-12	18	90	0 to 9, A to Z, blank or "-"
ASB0412LA-A	12	60	0 to 9, A to Z, blank or "-"
ASB0412MA-A	12	80	0 to 9, A to Z, blank or "-"
ASB0412HA-A	12	100	0 to 9, A to Z, blank or "-"
ASB0412HHA-A	12	120	0 to 9, A to Z, blank or "-"
ASB0412VHA-A	12	160	0 to 9, A to Z, blank or "-"
ASB04505LA	5	210	STD, F00, R00
ASB04505MA	5	250	STD, F00, R00
ASB04512LA	12	120	STD, F00, R00
ASB04512MA	12	170	STD, F00, R00
ASB04512HA			

	12	250	STD, F00, R00
ASB0505HA	5	300	R00 RR0 F00
ASB0505LA	5	150	R00 RR0 F00
ASB0505MA	5	220	R00 RR0 F00
ASB0505LB	5	230	F00, R00, STD
ASB0505MB	5	330	F00, R00, STD
ASB0505HB	5	450	F00, R00, STD
ASB0512HA	12	220	R00 RR0 F00
ASB0512LA	12	120	R00 RR0 F00
ASB0512MA	12	180	R00 RR0 F00
ASB0512LB	12	90	F00, R00, STD
ASB0512MB	12	120	F00, R00, STD
ASB0512HB	12	150	F00, R00, STD
ASB0512HHB	12	200	F00, R00, STD
ASB0524LB	24	80	F00, R00, STD
ASB0524MB	24	90	F00, R00, STD
ASB0524HB	24	110	F00, R00, STD
ASB0524HHB	24	120	F00, R00, STD
ASB0605H	5	650	R00 RR0 F00
ASB0605M	5	450	R00 RR0 F00
ASB0605L	5	330	R00 RR0 F00
ASB0605LB	5	180	F00, R00, STD
ASB0605MB	5	240	F00, R00, STD
ASB0605HB	5	330	F00, R00, STD
ASB0605HHB	5	600	F00, R00, STD
ASB0605LD	5	210	-
ASB0605MD	5	290	-
ASB0605HD	5	360	-
ASB0605HHD	5	500	-
ASB0612H	12	340	R00 RR0 F00
ASB0612HH	12	500	R00 RR0 F00
ASB0612H-SB	12	340	STD

ASB0612I



	12	220	R00 RR0 F00
ASB0612L-SB	12	220	STD
ASB0612M	12	240	R00 RR0 F00
ASB0612M-SB	12	240	STD
ASB0612LB	12	60	F00, R00, STD
ASB0612MB	12	140	F00, R00, STD
ASB0612HB	12	180	F00, R00, STD
ASB0612HHB	12	210	F00, R00, STD
ASB0612VHB	12	270	F00, R00, STD
ASB0612LD	12	110	-
ASB0612MD	12	140	-
ASB0612HD	12	170	-
ASB0612HHD	12	230	-
ASB0612VHD	12	270	-
ASB0624H	24	180	R00 RR0 F00
ASB0624HH	24	400	R00 RR0 F00
ASB0624L	24	140	R00 RR0 F00
ASB0624LB	24	60	F00, R00, STD
ASB0624MB	24	80	F00, R00, STD
ASB0624HB	24	90	F00, R00, STD
ASB0624HHB	24	110	F00, R00, STD
ASB0624VHB	24	150	F00, R00, STD
ASB0624M	24	160	R00 RR0 F00
ASB0624LD	24	50	-
ASB0624MD	24	60	-
ASB0624HD	24	80	-
ASB0624HHD	24	110	-
ASB0624VHD	24	140	
ASB0712LLB	12	120	STD, F00, R00
ASB0712LB	12	140	STD, F00, R00
ASB0712MB	12	240	STD, F00, R00
ASB0712HB	12	330	STD, F00, R00

ASB0712HHB	12	450	STD, F00, R00
ASB0724LLB	24	100	STD, F00, R00
ASB0724LB	24	110	STD, F00, R00
ASB0724MB	24	140	STD, F00, R00
ASB0724HB	24	210	STD, F00, R00
ASB0724HHB	24	250	STD, F00, R00
ASB0812H	12	240	R00 RR0 F00
ASB0812HH	12	300	R00 RR0 F00
ASB0812L	12	120	R00 RR0 F00
ASB0812LL	12	100	R00 RR0 F00
ASB0812M	12	180	R00 RR0 F00
ASB0812L-SB	12	120	-
ASB0812M-SB	12	180	-
ASB0812H-SB	12	240	-
ASB0812LLB	12	110	F00, R00, STD
ASB0812LB	12	140	F00, R00, STD
ASB0812MB	12	170	F00, R00, STD
ASB0812HB	12	200	F00, R00, STD
ASB0812HHB	12	240	F00, R00, STD
ASB0812VHB	12	300	F00, R00, STD
ASB0812SHB	12	400	F00, R00, STD
ASB0824H	24	120	R00 RR0 F00
ASB0824HH	24	150	R00 RR0 F00
ASB0824L	24	90	R00 RR0 F00
ASB0824LL	24	70	R00 RR0 F00
ASB0824LLB	24	70	F00, R00, STD
ASB0824LB	24	80	F00, R00, STD
ASB0824MB	24	100	F00, R00, STD
ASB0824HB	24	120	F00, R00, STD
ASB0824HHB	24	150	F00, R00, STD
ASB0824VHB	24	180	F00, R00, STD
ASB0824SHB	24	260	F00, R00, STD

ASB0824M

	24	100	R00 RR0 F00
ASB0912H	12	300	R00 RR0 F00
ASB0912HH	12	400	R00 RR0 F00
ASB0912M	12	200	R00 RR0 F00
ASB0912L	12	50	R00 RR0 F00
ASB0912L-V	12	80	-
ASB0912L-SB	12	150	-
ASB0912M-SB	12	200	-
ASB0912H-SB	12	300	-
ASB0912LD	12	120	F00, R00, STD
ASB0912MD	12	150	F00, R00, STD
ASB0912HD	12	240	F00, R00, STD
ASB0912HHD	12	360	F00, R00, STD
ASB0912VHD	12	420	F00, R00, STD
ASB0924H	24	200	R00 RR0 F00
ASB0924HH	24	250	R00 RR0 F00
ASB0924LD	24	90	F00, R00, STD
ASB0924MD	24	120	F00, R00, STD
ASB0924HD	24	150	F00, R00, STD
ASB0924HHD	24	200	F00, R00, STD
ASB0924VHD	24	270	F00, R00, STD
ASB0924M	24	150	R00 RR0 F00
ASB0924L	24	100	R00 RR0 F00
ASB1212L	12	210	STD, F00, R00
ASB1212M	12	270	STD, F00, R00
ASB1212H	12	390	STD, F00, R00
ASB1212HH	12	500	STD, F00, R00
ASB1212VH	12	630	STD, F00, R00
ASB1212SH	12	830	STD, F00, R00
ASB1224L	24	120	STD, F00, R00
ASB1224M	24	140	STD, F00, R00
ASB1224H	24	170	STD, F00, R00
ASB1224HH			

	24	230	STD, F00, R00
ASB1224VH	24	350	STD, F00, R00
ASB1224SH	24	410	STD, F00, R00
ASC SERIES			
ASC0612A, ASC0612B	12	250	-
ASC0812A, ASC0812B	12	300	-
ASC0912A, ASC0912B	12	400	-
AUB SERIES			
AUB04505LA	5	210	STD, F00, R00
AUB04505MA	5	250	STD, F00, R00
AUB04512LA	12	120	STD, F00, R00
AUB04512MA	12	170	STD, F00, R00
AUB04512HA	12	250	STD, F00, R00
AUB0505LB	5	230	STD R00 F00
AUB0505MB	5	330	STD R00 F00
AUB0505HB	5	450	STD R00 F00
AUB0512LB	12	90	STD R00 F00
AUB0512MB	12	120	STD R00 F00
AUB0512HB	12	150	STD R00 F00
AUB0512HHB	12	200	STD R00 F00
AUB0512L	12	120	0 to 9, A to Z, blank or "-"
AUB0512M	12	180	0 to 9, A to Z, blank or "-"
AUB0512H	12	220	0 to 9, A to Z, blank or "-"
AUB0512HH	12	280	0 to 9, A to Z, blank or "-"
AUB0524LB	24	80	STD R00 F00
AUB0524MB	24	90	STD R00 F00
AUB0524HB	24	110	STD R00 F00
AUB0524HHB	24	120	STD R00 F00
AUB0605HB	5	330	F00
AUB0605HHB	5	600	F00

AUB0605LB	5	180	F00
AUB0605MB	5	240	F00
AUB0605LD, AUB0605LD-F00	5	210	-
AUB0605MD, AUB0605MD-F00	5	290	-
AUB0605HD, AUB0605HD-F00	5	360	-
AUB0605HHD, AUB0605HHD-F00	5	500	-
AUB0612EH	12	560	STD R00 F00
AUB0612H	12	240	-
AUB0612HB	12	180	F00 F05 R00 R05
AUB0612HH	12	360	-
AUB0612HHB	12	210	F00 F05 R00 R05
AUB0612L	12	160	-
AUB0612LB	12	90	F00 F05 R00 R05
AUB06012LD	12	110	-
AUB0612MD	12	140	-
AUB0612HD	12	170	-
AUB0612HHD	12	230	-
AUB0612VHD	12	270	-
AUB0612M	12	220	-
AUB0612MB	12	140	F00 F05 R00 R05
AUB0612SH	12	440	STD R00 F00
AUB0612VH	12	360	STD R00 F00
AUB0612VHB	12	270	F00 F05 R00 R05
AUB0624EH	24	270	STD R00 F00
AUB0624H	24	180	-
AUB0624HB	24	90	F00 F05 R00 R05
AUB0624HH	24	220	-
AUB0624HHB	24	110	F00 F05 R00 R05
AUB0624L	24	140	-
AUB0624LB	24	60	F00 F05 R00 R05

AUB0624LD	24	50	-
AUB0624M	24	160	-
AUB0624MD	24	60	-
AUB0624HD	24	80	-
AUB0624HHD	24	110	-
AUB0624VHD	24	140	-
AUB0624MB	24	80	F00 F05 R00 R05
AUB0624SH	24	200	STD R00 F00
AUB0624VH	24	180	STD R00 F00
AUB0624VHB	24	150	F00 F05 R00 R05
AUB0648EH	48	210	STD R00 F00
AUB0648SH	48	140	STD R00 F00
AUB0648VH	48	110	STD R00 F00

Note: Series AUB06XXX

1. Impellers removable without use of tools.

2. Condition of Acceptability: Accessibility to live parts to be determined at the end product.

AUB0712L	12	80	STD, F00, R00
AUB0712M	12	120	STD, F00, R00
AUB0712H	12	180	STD, F00, R00
AUB0712HH	12	210	STD, F00, R00
AUB0712VH	12	560	STD, F00, R00
AUB0712HH-5B22	12	400	0 to 9, A to Z
AUB0712HH-T6L1	12	400	0 to 9, A to Z, blank or "-"
AUB0712HH-5G85	12	400	0 to 9, A to Z
AUB0712LLB	12	120	STD, F00, R00
AUB0712LB	12	140	STD, F00, R00
AUB0712MB	12	240	STD, F00, R00
AUB0712HB	12	330	STD, F00, R00
AUB0712HHB	12	450	STD, F00, R00
AUB0712LD	12	90	0 to 9, A to Z
AUB0712MD	12	170	0 to 9, A to Z
AUB0712HD	12	260	0 to 9, A to Z
AUB0712HHD	12	330	0 to 9, A to Z

	12	450	0 to 9, A to Z
AUB0724L	24	50	STD, F00, R00
AUB0724M	24	60	STD, F00, R00
AUB0724H	24	90	STD, F00, R00
AUB0724HH	24	120	STD, F00, R00
AUB0724VH	24	140	STD, F00, R00
AUB0724LLB	24	100	STD, F00, R00
AUB0724LB	24	110	STD, F00, R00
AUB0724MB	24	140	STD, F00, R00
AUB0724HB	24	210	STD, F00, R00
AUB0812HB	12	200	STD R00 F00
AUB0812HHB	12	240	STD R00 F00
AUB0812LB	12	140	STD R00 F00
AUB0812LLB	12	110	STD R00 F00
AUB0812MB	12	170	STD R00 F00
AUB0812SHB	12	400	STD R00 F00
AUB0812VHB	12	300	STD R00 F00
AUB0812H	12	260	-
AUB0812HH	12	320	-
AUB0812HH-C	12	300	STD R00 F00, 0 to 9, A to Z, blank or "-"
AUB0812L	12	140	-
AUB0812M	12	180	-
AUB0812VH	12	410	-
AUB0812VH-C	12	410	STD R00 F00, 0 to 9, A to Z, blank or "-"
AUB0812VH-8G76	12	410	STD R00 F00, 0 to 9, A to Z, blank or "-"
AUB0812LLD	12	90	STD, F00, R00
AUB0812LD	12	150	0 to 9, A to Z, blank or "-"
AUB0812MD	12	200	0 to 9, A to Z, blank or "-"
AUB0812HD	12	270	0 to 9, A to Z, blank or "-"
AUB0812HHD	12	400	0 to 9, A to Z, blank or "-"

AUB0812VHD	12	500	0 to 9, A to Z, blank or "-"
AUB0812HE	12	180	0 to 9, A to Z, blank or "-"
AUB0812HHE	12	300	0 to 9, A to Z, blank or "-"
AUB0812VHE	12	510	0 to 9, A to Z, blank or "-"
AUB0812SHD	12	330	STD, F00, R00
AUB0824LLD	24	50	STD, F00, R00
AUB0824LD	24	60	STD, F00, R00
AUB0824MD	24	80	STD, F00, R00
AUB0824HD	24	120	STD, F00, R00
AUB0824HHD	24	140	STD, F00, R00
AUB0824VHD	24	150	STD, F00, R00
AUB0824SHD	24	180	STD, F00, R00
AUB0824HB	24	120	STD R00 F00
AUB0824HHB	24	150	STD R00 F00
AUB0824LB	24	80	STD R00 F00
AUB0824LLB	24	70	STD R00 F00
AUB0824MB	24	100	STD R00 F00
AUB0824SHB	24	260	STD R00 F00
AUB0824VHB	24	180	STD R00 F00
AUB0824H	24	120	-
AUB0824HH	24	150	-
AUB0824L	24	90	-
AUB0824M	24	100	-
AUB0824VH	24	210	-
AUB0824HE	24	160	0 to 9, A to Z, blank or "-"
AUB0824HHE	24	210	0 to 9, A to Z, blank or "-"
AUB0824VHE	24	350	0 to 9, A to Z, blank or "-"
AUB0912L	12	150	STD, F00, R00, F05, R05, RR0, RR05, A to Z, 0 to 9, blank or "-"
AUB0912M	12	200	STD, F00, R00, F05, R05, RR0, RR05, A to Z, 0 to 9, blank or "-"
AUB0912H	12	300	STD, F00, R00, F05, R05, RR0, RR05, A to Z, 0 to 9, blank or "-"



AUB0912HH	12	400	STD, F00, R00, F05, R05, RR0, RR05, A to Z, 0 to 9, blank or "-"
AUB0912VH	12	600	STD, F00, R00, F05, R05, RR0, RR05, A to Z, 0 to 9, blank or "-"
AUB0912LD	12	120	F00, R00, STD
AUB0912MD	12	150	F00, R00, STD
AUB0912HD	12	240	F00, R00, STD
AUB0912HHD	12	360	F00, R00, STD
AUB0912VHD	12	420	F00, R00, STD
AUB0912L-A	12	150	0 to 9, A to Z
AUB0912M-A	12	200	0 to 9, A to Z
AUB0912H-A	12	300	0 to 9, A to Z
AUB0912HH-A	12	400	0 to 9, A to Z
AUB0912VH-A	12	600	0 to 9, A to Z
AUB0912SH-A	12	1000	0 to 9, A to Z
AUB0924H	24	200	STD, F00, R00, F05, R05, RR0, RR05, A to Z, 0 to 9, blank or "-"
AUB0924HH	24	250	STD, F00, R00, F05, R05, RR0, RR05, A to Z, 0 to 9, blank or "-"
AUB0924L	24	100	STD, F00, R00, F05, R05, RR0, RR05, A to Z, 0 to 9, blank or "-"
AUB0924M	24	150	STD, F00, R00, F05, R05, RR0, RR05, A to Z, 0 to 9, blank or "-"
AUB0924VH	24	400	STD, F00, R00, F05, R05, RR0, RR05, A to Z, 0 to 9, blank or "-"
AUB0924LD	24	90	F00, R00, STD
AUB0924MD	24	120	F00, R00, STD
AUB0924HD	24	150	F00, R00, STD
AUB0924HHD	24	200	F00, R00, STD
AUB0924VHD	24	270	F00, R00, STD
AUB0924L-A	24	100	0 to 9, A to Z
AUB0924M-A	24	120	0 to 9, A to Z
AUB0924H-A	24	150	0 to 9, A to Z
AUB0924HH-A	24	220	0 to 9, A to Z
AUB0924VH-A	24	300	0 to 9, A to Z

AUB0924SH-A	24	500	0 to 9, A to Z
AUB1212L	12	210	STD, F00, R00
AUB1212M	12	270	STD, F00, R00
AUB1212H	12	390	STD, F00, R00
AUB1212HH	12	500	STD, F00, R00
AUB1212HHE	12	1000	STD F00 R00 A to Z, 0 to 9, blank or "-"
AUB1212VH	12	630	STD, F00, R00
AUB1212SH	12	830	STD, F00, R00
AUB1224L	24	120	STD, F00, R00
AUB1224M	24	140	STD, F00, R00
AUB1224H	24	170	STD, F00, R00
AUB1224HH	24	230	STD, F00, R00
AUB1224VH	24	350	STD, F00, R00
AUB1224SH	24	410	STD, F00, R00
AUC SERIES			
AUC0512DB	12	270	0 to 9, A to Z, blank or "-"
AUC0812DD	12	500	0 to 9, A to Z
AUC0812DE	12	510	0 to 9, A to Z, blank or "-"
AUC0912DF	12	0.75	STD F00 R00 0 to 9, A to Z, blank or "-"
AUC1212DE	12	1000	STD F00 R00 A to Z, 0 to 9, blank or "-"
BCB SERIES			
BCB0812EHN	12	1200	0 to 9, A to Z
BCB0812GHN	12	1740	0 to 9, A to Z
BCB0812UHN	12	2760	0 to 9, A to Z
BCB1012UH	12	3840	0 to 9, A to Z
BCB1012GH	12	2640	0 to 9, A to Z
BCB1012EH	12	1560	0 to 9, A to Z
BCB1012UHF	12	4380	0 to 9, A to Z
BCB1012GHF	12	2940	0 to 9, A to Z
BCB1012EHF	12	1680	0 to 9, A to Z

## BDB SERIES

BDB05405HB	5	280	0 to 9, A to Z, blank or "-"
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## BFB SERIES

BFB0305HA	5	170	STD F00 R00
BFB0305HA-A	5	170	0 to 9, A to Z, blank or "-"
BFB0305HHA	5	260	STD F00 R00
BFB0305HHA-A	5	230	0 to 9, A to Z, blank or "-"
BFB0305HP	5	320	F00, STD
BFB0305LA	5	90	STD F00 R00
BFB0305LA-A	5	90	0 to 9, A to Z, blank or "-"
BFB0305LP	5	200	F00, STD
BFB0305MA	5	120	STD F00 R00
BFB305MA-A	5	120	0 to 9, A to Z, blank or "-"
BFB0305MP	5	260	F00, STD
BFB0312HA	12	110	STD F00 R00
BFB0312HHA	12	120	STD F00 R00
BFB0312LA	12	60	STD F00 R00
BFB0312MA	12	80	STD F00 R00
BFB0312LA-A	12	60	0 to 9, A to Z, blank or "-"
BFB0312MA-A	12	80	0 to 9, A to Z, blank or "-"
BFB0312HA-A	12	90	0 to 9, A to Z, blank or "-"
BFB0312HHA-A	12	100	0 to 9, A to Z, blank or "-"
BFB03505HA	5	170	STD F00 R00
BFB03505HHA	5	290	STD F00 R00
BFB03505HR	5	270	STD F00
BFB03505LA	5	80	STD F00 R00
BFB03505LR	5	170	STD F00
BFB03505LP	5	200	F00, STD
BFB03505MP	5	260	F00, STD
BFB03505HP	5	320	F00, STD
BFB03505LA-A	5	80	0 to 9, A to Z, blank or "-"
BFB03505MA-A	5	120	0 to 9, A to Z, blank or "-"

BFB03505HA-A	5	170	0 to 9, A to Z, blank or "-"
BFB03505HHA-A	5	230	0 to 9, A to Z, blank or "-"
BFB3505MA	5	120	STD F00 R00
BFB03505MR	5	230	STD F00
BFB03512HA	12	110	STD F00 R00
BFB03512HHA	12	120	STD F00 R00
BFB03512HA-A	12	90	0 to 9, A to Z, blank or "-"
BFB03512HHA-A	12	100	0 to 9, A to Z, blank or "-"
BFB03512LA	12	60	STD F00 R00
BFB03512LA-A	12	60	0 to 9, A to Z, blank or "-"
BFB03512MA	12	80	STD F00 R00
BFB03512MA-A	12	80	0 to 9, A to Z, blank or "-"
BFB0405HE	5	300	F00 R00 STD
BFB0405LE	5	90	F00 R00 STD
BFB0405ME	5	200	F00 R00 STD
BFB0405LP	5	180	F00, STD
BFB0405MP	5	210	F00, STD
BFB0405HP	5	320	F00, STD
BFB04505LP	5	140	F00, STD
BFB04505MP	5	210	F00, STD
BFB04505HP	5	350	F00, STD
BFB0405LA	5	110	F00, R00, STD
BFB0405MA	5	170	F00, R00, STD
BFB0405HA	5	260	F00, R00, STD
BFB0405HHA	5	330	F00, R00, STD
BFB0405LA-A	5	90	0 to 9, A to Z, blank or "-"
BFB0405MA-A	5	120	0 to 9, A to Z, blank or "-"
BFB0405HA-A	5	170	0 to 9, A to Z, blank or "-"
BFB0405HHA-A	5	240	0 to 9, A to Z, blank or "-"
BFB0412HB	12	300	0 to 9, A to Z
BFB0412HN	12	60	0 to 9, A to Z
BFB0412HE	12	100	F00 R00 STD
RFR0412HHE			

	12	160	F00 R00 STD
BFB0412LE	12	60	F00 R00 STD
BFB0412ME	12	80	F00 R00 STD
BFB0412LA	12	80	F00, R00, STD
BFB0412MA	12	90	F00, R00, STD
BFB0412HA	12	120	F00, R00, STD
BFB0412HHA	12	150	F00, R00, STD
BFB0412HA-5C19	12	240	0 to 9, A to Z
BFB0412HHA-4D49	8.5	310	0 to 9, A to Z
BFB0412HHA-4G1D	8.5	220	0 to 9, A to Z
BFB0412HHA-5D1G	8.5	360	0 to 9, A to Z
BFB0412LA-A	12	60	0 to 9, A to Z, blank or "-"
BFB0412MA-A	12	80	0 to 9, A to Z, blank or "-"
BFB0412HA-A	12	90	0 to 9, A to Z, blank or "-"
BFB0412HHA-A	12	100	0 to 9, A to Z, blank or "-"
BFB04505LA	5	110	F00, R00, STD
BFB04505MA	5	170	F00, R00, STD
BFB04505HA	5	260	F00, R00, STD
BFB04505HHA	5	360	F00, R00, STD
BFB04505LA-A	5	80	0 to 9, A to Z, blank or "-"
BFB04505MA-A	5	110	0 to 9, A to Z, blank or "-"
BFB04505HA-A	5	170	0 to 9, A to Z, blank or "-"
BFB04505HHA-A	5	240	0 to 9, A to Z, blank or "-"
BFB04512LA	12	80	F00, R00, STD
BFB04512MA	12	90	F00, R00, STD
BFB04512HA	12	140	F00, R00, STD
BFB04512HHA	12	210	F00, R00, STD
BFB04512MD	12	110	0 to 9, A to Z
BFB04512HD	12	150	0 to 9, A to Z
BFB04512HHD	12	200	0 to 9, A to Z
BFB04512VHD	12	240	0 to 9, A to Z
BFB04512LA-A	12	60	0 to 9, A to Z, blank or "-"
BFB04512MA-A			

	12	80	0 to 9, A to Z, blank or "-"
BFB04512HA-A	12	90	0 to 9, A to Z, blank or "-"
BFB04512HHA-A	12	110	0 to 9, A to Z, blank or "-"
BFB04512HA-SM	12	200	0 to 9, A to Z
BFB04512LA-C	12	100	0 to 9, A to Z, blank or "-"
BFB04512MA-C	12	120	0 to 9, A to Z, blank or "-"
BFB04512HA-C	12	160	0 to 9, A to Z, blank or "-"
BFB04512HHA-C	12	260	0 to 9, A to Z, blank or "-"
BFB0505L	5	210	F00 R00 STD
BFB0505M	5	450	F00 R00 STD
BFB0505LA	5	110	F00, R00, STD
BFB0505MA	5	170	F00, R00, STD
BFB0505HA	5	270	F00, R00, STD
BFB0505HHA	5	360	F00, R00, STD
BFB0505LA-A	5	80	0 to 9, A to Z, blank or "-"
BFB0505MA-A	5	110	0 to 9, A to Z, blank or "-"
BFB0505HA-A	5	180	0 to 9, A to Z, blank or "-"
BFB0505HHA-A	5	240	0 to 9, A to Z, blank or "-"
BFB0505LP	5	140	F00, STD
BFB0505MP	5	270	F00, STD
BFB0505HP	5	350	F00, STD
BFB0512L	12	100	F00 R00 STD
BFB0512M	12	150	F00 R00 STD
BFB0512H	12	240	F00 R00 STD
BFB0512HH	12	320	F00 R00 STD
BFB0512HD	12	170	0 to 9, A to Z
BFB0512HHD	12	220	0 to 9, A to Z
BFB0512LD	12	150	0 to 9, A to Z
BFB0512MD	12	160	0 to 9, A to Z
BFB0512VHD	12	280	0 to 9, A to Z
BFB0512LA	12	80	F00, R00, STD
BFB0512MA	12	110	F00, R00, STD
BFB0512HA			

	12	140	F00, R00, STD
BFB0512HHA	12	210	F00, R00, STD
BFB0512L-A	12	140	0 to 9, A to Z, blank or "-"
BFB0512M-A	12	200	0 to 9, A to Z, blank or "-"
BFB0512H-A	12	320	0 to 9, A to Z, blank or "-"
BFB0512LA-A	12	60	0 to 9, A to Z, blank or "-"
BFB0512MA-A	12	80	0 to 9, A to Z, blank or "-"
BFB0512HA-A	12	80	0 to 9, A to Z, blank or "-"
BFB0512LA-C	12	80	0 to 9, A to Z, blank or "-"
BFB0512MA-C	12	110	0 to 9, A to Z, blank or "-"
BFB0512HA-C	12	180	0 to 9, A to Z, blank or "-"
BFB0512HHA-C	12	240	0 to 9, A to Z, blank or "-"
BFB0512HHA-A	12	140	0 to 9, A to Z, blank or "-"
BFB0512MA-SM	12	110	0 to 9, A to Z
BFB0524L	24	80	F00 R00 STD
BFB0524M	24	100	F00 R00 STD
BFB0524H	24	140	F00 R00 STD
BFB0524HH	24	160	F00 R00 STD
BFB05512MA	12	60	STD, F00, R00
BFB05512HA	12	120	STD, F00, R00
BFB05512HHA	12	250	STD, F00, R00
BFB0605HA	5	290	0 to 9, A to Z
BFB0605LB-SX	5	210	0 to 9, A to Z
BFB0612H	12	220	0 to 9, A to Z
BFB0612H-A	12	360	0 to 9, A to Z, blank or "-"
BFB0612HB	12	320	F00, R00, STD 0 to 9, A to Z, blank or "-"
BFB0612HB-N	12	220	0 to 9, A to Z
BFB0612HB-SM	12	320	0 to 9, A to Z
BFB0612HB-SM06	12	320	0 to 9, A to Z, blank or "-"
BFB0612HB-SM07	12	320	0 to 9, A to Z, blank or "-"
BFB0612HH	12	290	0 to 9, A to Z
BFB0612MB	12	170	F00, R00, STD

			0 to 9, A to Z, blank or "-"
BFB0612MB-N	12	180	0 to 9, A to Z
BFB0705HA	5	360	0 to 9, A to Z
BFB0712H	12	360	F00 RR0 STD
BFB0712H-A	12	330	
BFB0712HB-8A97	12	1.1	STD, F00, R00 0 to 9, A to Z, blank or "-"
BFB0712HB-SM	12	330	0 to 9, A to Z
BFB0712HD	12	370	0 to 9, A to Z
BFB0712HD-A	12	330	0 to 9, A to Z, blank or "-"
BFB0712HF-8A72	12	1.8	STD, F00, R00 0 to 9, A to Z, blank or "-"
BFB0712HH-A	12	420	0 to 9, A to Z, blank or "-"
BFB0712HHD-SM	12	450	0 to 9, A to Z
BFB0712HHD-SM06	12	450	0 to 9, A to Z, blank or "-"
BFB0712HHD-SM08	12	480	0 to 9, A to Z, blank or "-"
BFB0712HHD-SM09	12	480	0 to 9, A to Z, blank or "-"
BFB0712HHD-SX00	12	0.62	STD F00 RR0 0 to 9, A to Z, blank or "-"
BFB0712L	12	100	F00 RR0 STD
BFB0712L-A	12	150	
BFB0712LD	12	160	0 to 9, A to Z, blank or "-"
BFB0712M	12	200	F00 RR0 STD
BFB0712M-A	12	220	
BFB0712VHD-SM	12	500	0 to 9, A to Z, blank or "-"
BFB0724H	24	200	0 to 9, A to Z, blank or "-"
BFB0724L	24	90	F00 RR0 STD
BFB0724M	24	120	F00 RR0 STD
BFB0812H-SM00	12	360	0 to 9, A to Z
BFB0812H-SM01	12	500	0 to 9, A to Z
BFB0812H-SM03	12	400	0 to 9, A to Z
BFB0812H-SM05	12	400	0 to 9, A to Z, blank or "-"
BFB0812H-SM06	12	450	0 to 9, A to Z, blank or "-"



BFB1012H	12	1200	0 to 9, A to Z, blank or "-"
BFB1012HH	12	1500	0 to 9, A to Z, blank or "-"
BFB1012L	12	440	0 to 9, A to Z, blank or "-"
BFB1012LL	12	300	0 to 9, A to Z, blank or "-"
BFB1012L-C	12	170	0 to 9, A to Z
BFB1012M-C	12	530	0 to 9, A to Z
BFB1012H-8G53	12	1.2	STD F00 R00 0 to 9, A to Z, blank or "-"
BFB1012H-C	12	940	0 to 9, A to Z
BFB1012VH	12	1800	0 to 9, A to Z
BFB1012L	12	440	0 to 9, A to Z
BFB1012M	12	660	0 to 9, A to Z
BFB1012M-7M2B	12	750	STD R00 F00 0 to 9, A to Z, blank or "-"
BFB1012M-8M66R	12	480	STD R00 F00 0 to 9, A to Z, blank or "-"
BFB1012H	12	1200	0 to 9, A to Z
BFB1012HH	12	1500	0 to 9, A to Z
BFB1012SH	12	2400	0 to 9, A to Z
BFB1012EH	12	2940	0 to 9, A to Z
BFB1012HH-C	12	1700	0 to 9, A to Z
BFB1012M-SM18	12	650	0 to 9, A to Z, blank or "-"
BFB1012VH-3F16	12	2700	0 to 9, A to Z
BFB1024H	24	600	STD R00 F00
BFB1024HH	24	850	STD R00 F00
BFB1024L	24	250	STD R00 F00
BFB1024LL	24	150	STD R00 F00
BFB1024M	24	400	STD R00 F00
BFB1048LL	48	120	STD, F00, R00
BFB1048L	48	180	STD, F00, R00
BFB1048M	48	240	STD, F00, R00
BFB1048H	48	300	STD, F00, R00
BFB1112L	12	230	0 to 9, A to Z

BFB1112M	12	360	0 to 9, A to Z
BFB1112H	12	620	0 to 9, A to Z
BFB1212H	12	1230	STD R00 F00
BFB1212HE	12	800	R00 RR0 F00
BFB1212HH	12	1650	STD R00 F00
BFB1212HHE	12	1600	-
BFB1212L	12	600	STD R00 F00
BFB1212LE	12	360	-
BFB1212LL	12	420	STD R00 F00
BFB1212M	12	870	STD R00 F00
BFB1212ME	12	630	-
BFB1212VH	12	1880	STD R00 F00
BFB1212VH-A	12	1170	0 to 9, A to Z
BFB1212SH-A	12	2100	0 to 9, A to Z
BFB1212EH-A	12	2850	0 to 9, A to Z
BFB1212GH-A	12	3960	0 to 9, A to Z
BFB1224H	24	530	STD R00 F00
BFB1224HE	24	500	R00 RR0 F00
BFB1224HH	24	800	STD R00 F00
BFB1224HHE	24	900	-
BFB1224L	24	360	STD R00 F00
BFB1224LE	24	200	-
BFB1224LL	24	200	STD R00 F00
BFB1224M	24	450	STD R00 F00
BFB1224ME	24	350	-
BFB1224VH	24	900	STD R00 F00
BFB1224VH-A	24	840	0 to 9, A to Z
BFB1224SH-A	24	1080	0 to 9, A to Z
BFB1224EH-A	24	1350	0 to 9, A to Z
BFB1224GH-A	24	1920	0 to 9, A to Z
BFB1224HHE-4J97	24	420	0 to 9, A to Z
BFB1248H	48	230	-
BFB1248HE			

	48	310	-
BFB1248HH	48	330	-
BFB1248L	48	140	-
BFB1248LE	48	120	-
BFB1248LL	48	120	-
BFB1248M	48	180	-
BFB1248ME	48	180	-
BFB1248VH-A	48	450	0 to 9, A to Z
BFB1248SH-A	48	590	0 to 9, A to Z
BFB1248EH-A	48	740	0 to 9, A to Z
BFB1248GH-A	48	960	0 to 9, A to Z
BFB1612H	12	2150	-
BFB1612L	12	1200	-
BFB1612M	12	1650	-
BFB1612VH	12	2400	0 to 9, A to Z
BFB1624H	24	1100	-
BFB1624L	24	600	-
BFB1624M	24	840	-
BFB1624VH	24	1200	0 to 9, A to Z
BFB1648L	48	330	-
BFB1648M	48	420	-
BFB1648VH	48	600	0 to 9, A to Z
BFC SERIES			
BFC0848D	48	480	F00, R00, STD
BFC1012A	12	1650	-
BFC1012B	12	1650	-
BFC1012C	12	1650	-
BFC1012D-A	12	3000	0 to 9, A to Z
BFC1112D	12	500	0 to 9, A to Z
BFC1212A	12	2000	F05
BFC1212B	12	2000	F05
BFC1212C	12	2220	F00, STD, F05,

			F05R, R00, R05, RR0, RR05, RR05R
BFC1224C	24	1050	F00, STD, F05, F05R, R00, R05, RR0, RR05, RR05R
BFC1248C	48	380	F00, STD, F05, F05R, R00, R05, RR0, RR05, RR05R
BSB SERIES			
BSB0412HA-SM02	12	300	0 to 9, A to Z, blank or "-"
BSB0412HN	12	60	0 to 9, A to Z
BSB0412HA-SM	12	300	0 to 9, A to Z, blank or "-"
BSB0412HHA-7C83	8.5	460	0 to 9, A to Z, blank or "-"
BSB0412HHA-SP	8.5	380	0 to 9, A to Z
BSB04505HA	5	300	0 to 9, A to Z
BSB0505L	5	210	-
BSB0505M	5	450	-
BSB0512L	12	100	-
BSB0512M	12	150	-
BSB0512H	12	240	-
BSB0512HH	12	320	-
BSB0524L	24	80	-
BSB0524M	24	100	-
BSB0524H	24	140	-
BSB0524HH	24	160	-
BSB0705HC	5	400	0 to 9, A to Z
BSB0712L	12	150	0 to 9, A to Z
BSB0712M	12	200	0 to 9, A to Z
BSB0712H	12	300	0 to 9, A to Z
BSB0712HD	12	330	0 to 9, A to Z, blank or "-"
BSB0724L	24	90	0 to 9, A to Z, blank or "-"
BSB0724M	24	120	0 to 9, A to Z, blank or "-"
BSB0724H	24	180	0 to 9, A to Z, blank or "-"

Note: Series BSB - Impellers removable without the use of tools.

## BUB SERIES

BUB04512MD	12	110	0 to 9, A to Z, blank or "-"
BUB04512HD	12	150	0 to 9, A to Z, blank or "-"
BUB0505LB	5	160	0 to 9, A to Z, blank or "-"
BUB0505MB	5	300	0 to 9, A to Z, blank or "-"
BUB0512HB	12	240	0 to 9, A to Z
BUB0512HHB	12	320	0 to 9, A to Z
BUB0512HD	12	210	
BUB0512HHD	12	240	
BUB0512LB	12	100	0 to 9, A to Z
BUB0512LD	12	180	
BUB0512MB	12	150	0 to 9, A to Z
BUB0512MD	12	200	
BUB0512VHD	12	330	
BUB0524MB	24	100	0 to 9, A to Z, blank or "-"
BUB0524HB	24	120	0 to 9, A to Z, blank or "-"
BUB0524HHB	24	180	0 to 9, A to Z, blank or "-"
BUB0524LD	24	80	0 to 9, A to Z, blank or "-"
BUB0524MD	24	90	0 to 9, A to Z, blank or "-"
BUB0524HD	24	110	0 to 9, A to Z, blank or "-"
BUB0524HHD	24	150	0 to 9, A to Z, blank or "-"
BUB0524VHD	24	180	0 to 9, A to Z, blank or "-"
BUB0712HH-9F47	12	680	F00, R00, STD 0 to 9, A to Z, blank or "-"

## D SERIES

D27550-001	12	500	0 to 9, A to Z, blank or "-"
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## DFB SERIES

DFB0405H	5	320	R00 RR0 F00
DFB0405L	5	100	R00 RR0 F00
DFB0405LL	5	80	R00 RR0 F00
DFB0405M	5	200	R00 RR0 F00
DFB0412H	12	100	R00 RR0 F00

DFB0412L	12	60	R00 RR0 F00
DFB0412LA	12	120	R00 RR0 F00
DFB0412LL	12	50	R00 RR0 F00
DFB0412M	12	80	R00 RR0 F00
DFB0412MA	12	150	R00 RR0 F00
DFB0424H	24	80	R00 RR0 F00
DFB0424L	24	50	R00 RR0 F00
DFB0424LL	24	50	R00 RR0 F00
DFB0424M	24	60	R00 RR0 F00
DFB0612H	12	150	R00 RR0 F00
DFB0612HH	12	250	R00 RR0 F00
DFB0612L	12	90	R00 RR0 F00
DFB0612M	12	120	R00 RR0 F00
DFB0624H	24	110	R00 RR0 F00
DFB0624HH	24	140	R00 RR0 F00
DFB0624L	24	70	R00 RR0 F00
DFB0624M	24	90	R00 RR0 F00
DFB0812H	12	180	R00 RR0 F00
DFB0812HH	12	300	R00 RR0 F00
DFB0812L	12	80	R00 RR0 F00
DFB0812M	12	100	R00 RR0 F00
DFB0824H	24	120	R00 RR0 F00
DFB0824HH	24	180	R00 RR0 F00
DFB0824L	24	70	R00 RR0 F00
DFB0824M	24	90	R00 RR0 F00
DFB0912H	12	300	R00 RR0 F00
DFB0912HH	12	400	R00 RR0 F00
DFB0912L	12	150	R00 RR0 F00
DFB0912M	12	200	R00 RR0 F00
DFB0924H	24	140	R00 RR0 F00
DFB0924HH	24	180	R00 RR0 F00
DFB0924L	24	80	R00 RR0 F00
DFB0924M			

	24	100	R00 RR0 F00
DFB1212L	12	300	R00 RR0 F00
DFB1212M	12	470	R00 RR0 F00
DFB1224L	24	220	R00 RR0 F00
DFB1224M	24	380	R00 RR0 F00
DFC SERIES			
DFC0612A	12	180	R00 RR0 F00
DFC0612B	12	180	R00 RR0 F00
DFC0812A	12	200	R00 RR0 F00
DFC0812B	12	200	R00 RR0 F00
DFC0912A	12	330	R00 RR0 F00
DFC0912B	12	330	R00 RR0 F00
DFD SERIES			
DFD0612H	12	150	R00 RR0 F00
DFD0612HH	12	200	R00 RR0 F00
DFD0612L	12	90	R00 RR0 F00
DFD0612M	12	120	R00 RR0 F00
DFD0624H	24	110	R00 RR0 F00
DFD0624HH	24	120	R00 RR0 F00
DFD0624L	24	70	R00 RR0 F00
DFD0624M	24	90	R00 RR0 F00
DSB SERIES			
DSB0412LD	12	100	0 to 9, A to Z
DSB0412MD	12	150	0 to 9, A to Z
DSB0412HD	12	180	0 to 9, A to Z
DSB0512LB	12	140	0 to 9, A to Z, blank or "-"
DSB0512MB	12	170	0 to 9, A to Z, blank or "-"
DSB0512HB	12	240	0 to 9, A to Z, blank or "-"
DSB0512HHB	12	300	0 to 9, A to Z, blank or "-"
DSB0512LD	12	180	0 to 9, A to Z
DSB0512MD	12	200	0 to 9, A to Z

DSB0612H	12	200	R00 RR0 F00
DSB0612L	12	120	R00 RR0 F00
DSB0612M	12	140	R00 RR0 F00
DSB0612LA	12	120	0 to 9, A to Z, blank or "-"
DSB0612MA	12	150	0 to 9, A to Z, blank or "-"
DSB0612L-A	12	120	0 to 9, A to Z
DSB0612M-A	12	160	0 to 9, A to Z
DSB0612H-A	12	200	0 to 9, A to Z
DSB0612LB	12	120	0 to 9, A to Z, blank or "-"
DSB0612MB	12	150	0 to 9, A to Z, blank or "-"
DSB0612HB	12	180	0 to 9, A to Z, blank or "-"
DSB0612HHB	12	240	0 to 9, A to Z, blank or "-"
DSB0612LD	12	120	0 to 9, A to Z
DSB0612MD	12	150	0 to 9, A to Z
DSB0612HD	12	180	0 to 9, A to Z
DSB0624L	24	60	0 to 9, A to Z
DSB0624M	24	80	0 to 9, A to Z
DSB0624H	24	100	0 to 9, A to Z
DSB0624HH	24	140	0 to 9, A to Z
DSB0624VH	24	230	0 to 9, A to Z
DSB0812H	12	210	R00 RR0 F00
DSB0812L	12	110	R00 RR0 F00
DSB0812M	12	140	R00 RR0 F00
DSB0812L-N	12	110	
DSB0812M-N	12	140	
DSB0812H-N	12	210	
DSB0812LD	12	150	0 to 9, A to Z, blank or "-"
DSB0812MD	12	180	0 to 9, A to Z, blank or "-"
DSB0812HD	12	210	0 to 9, A to Z, blank or "-"
DSB0812HHD	12	240	0 to 9, A to Z, blank or "-"
DSB0824L	24	70	0 to 9, A to Z
DSB0824M	24	90	0 to 9, A to Z



DSB0824H	24	130	0 to 9, A to Z
DSB0912L	12	150	0 to 9, A to Z
DSB0912M	12	190	0 to 9, A to Z
DSB0912H	12	240	0 to 9, A to Z
DSB0912HH	12	290	0 to 9, A to Z
DSB0912VH	12	480	0 to 9, A to Z
DSB0812HH	12	200	0 to 9, A to Z
DSB0812VH	12	300	0 to 9, A to Z
DSB1212L	12	150	0 to 9, A to Z
DSB1212M	12	230	0 to 9, A to Z
DSB1212H	12	350	0 to 9, A to Z
DSB1212HH	12	450	0 to 9, A to Z
DTC SERIES			
DTC-AAAXX	12	600	0 to 9, A to Z, blank or "-"
DTC-AAFXX	12	600	0 to 9, A to Z, blank or "-"
DTC-AALXX	12	600	0 to 9, A to Z, blank or "-"
DTC-AAMXX	12	600	0 to 9, A to Z, blank or "-"
DTC-AARXX	12	600	0 to 9, A to Z, blank or "-"
EFB SERIES			
EFB0405HD	5	380	F00 R00 STD
EFB0405HHD	5	450	F00 R00 STD
EFB0405LD	5	160	F00 R00 STD
EFB0405LLD	5	100	F00 R00 STD
EFB0405MD	5	240	F00 R00 STD
EFB0405VHD	5	500	F00 R00 STD
EFB0405LA	5	100	STD, F00, R00
EFB0405MA	5	150	STD, F00, R00
EFB0405HA	5	200	STD, F00, R00
EFB0405HHA	5	250	STD, F00, R00
EFB0412HD	12	120	F00 R00 STD
EFB0412HHD	12	150	F00 R00 STD
EFB0412LD	12	80	F00 R00 STD

EFB0412LLD	12	60	F00 R00 STD
EFB0412MD	12	100	F00 R00 STD
EFB0412VHD	12	180	F00 R00 STD
EFB0412LA	12	80	STD, F00, R00
EFB0412MA	12	90	STD, F00, R00
EFB0412HA	12	120	STD, F00, R00
EFB0412HHA	12	150	STD, F00, R00
EFB0412VHA	12	230	STD, F00, R00
EFB0412LA-SE	12	80	0 to 9, A to Z, blank or "-"
EFB0412MA-SM	18	90	0 to 9, A to Z
EFB0424HD	24	100	F00 R00 STD
EFB0424HHD	24	120	F00 R00 STD
EFB0424LD	24	60	F00 R00 STD
EFB0424LLD	24	50	F00 R00 STD
EFB0424MD	24	80	F00 R00 STD
EFB0424VHD	24	140	F00 R00 STD
EFB0505LA	5	100	STD, F00, R00
EFB0505MA	5	200	STD, F00, R00
EFB0505HA	5	250	STD, F00, R00
EFB0512LA	12	80	STD, F00, R00
EFB0512MA	12	120	STD, F00, R00
EFB0512HA	12	150	STD, F00, R00
EFB0512HHA	12	200	STD, F00, R00
EFB0524MA	24	90	F00, R00, STD
EFB0524HA	24	110	F00, R00, STD
EFB0524HHA	24	140	F00, R00, STD
EFB0524MA-S62W	24	90	F00, R00, STD
EFB0605LB	5	170	STD, F00, R00
EFB0605MB	5	240	STD, F00, R00
EFB0605HB	5	330	STD, F00, R00
EFB0605HHB	5	510	STD, F00, R00
EFB0612LA	12	110	STD R00 F00
EFB0612MA			

	12	120	STD R00 F00
EFB0612HA	12	180	STD R00 F00
EFB0612HHA	12	250	STD R00 F00
EFB0612LB	12	90	STD, F00, R00
EFB0612MB	12	120	STD, F00, R00
EFB0612HB	12	150	STD, F00, R00
EFB0612HHB	12	210	STD, F00, R00
EFB0612VHB	12	270	STD, F00, R00
EFB0624LB	24	60	STD, F00, R00
EFB0624MB	24	80	STD, F00, R00
EFB0624HB	24	90	STD, F00, R00
EFB0624HHB	24	150	STD, F00, R00
EFB0624VHB	24	170	STD, F00, R00
EFB0624HHA	24	160	0 to 9, A to Z
EFB0612HHA-S42X	24	160	0 to 9, A to Z
EFB0805LL	5	200	STD, F00, R00
EFB0805L	5	240	STD, F00, R00
EFB0805M	5	300	STD, F00, R00
EFB0805H	5	360	STD, F00, R00
EFB0805HH	5	450	STD, F00, R00
EFB0812HB	12	250	STD, F00, R00
EFB0812HHB	12	400	STD, F00, R00
EFB0812LB	12	120	STD, F00, R00
EFB0812MB	12	160	STD, F00, R00
EFB0812HE	12	480	STD R00 F00
EFB0812HHE	12	620	STD R00 F00
EFB0812LE	12	230	STD R00 F00
EFB0812ME	12	330	STD R00 F00
EFB0812LF	12	150	-
EFB0812MF	12	210	-
EFB0812HF	12	260	-
EFB0812LL	12	90	STD, F00, R00

FFR0812I

	12	110	STD, F00, R00
EFB0812M	12	140	STD, F00, R00
EFB0812H	12	120	STD, F00, R00
EFB0812HH	12	200	STD, F00, R00
EFB0812VH	12	230	STD, F00, R00
EFB0812SH	12	330	STD, F00, R00
EFB0812EH	12	420	STD, F00, R00
EFB0812HHF	12	320	-
EFB0812VHF	12	390	-
EFB0812SHF	12	510	-
EFB0812EHF	12	680	-
EFB0824HE	24	230	STD R00 F00
EFB0824HHE	24	270	STD R00 F00
EFB0824LE	24	110	STD R00 F00
EFB0824ME	24	170	STD R00 F00
EFB0824LB	24	100	STD, F00, R00
EFB0824MB	24	140	STD, F00, R00
EFB0824HB	24	170	STD, F00, R00
EFB0824HHB	24	240	STD, F00, R00
EFB0824LF	24	80	-
EFB0824MF	24	110	-
EFB0824HF	24	120	-
EFB0824LL	24	50	STD, F00, R00
EFB0824L	24	60	STD, F00, R00
EFB0824M	24	80	STD, F00, R00
EFB0824H	24	90	STD, F00, R00
EFB0824HH	24	110	STD, F00, R00
EFB0824VH	24	120	STD, F00, R00
EFB0824SH	24	170	STD, F00, R00
EFB0824EH	24	210	STD, F00, R00
EFB0824HHF	24	150	-
EFB0824VHF	24	200	-
EFB0824SHF			

	24	260	-
EFB0824EHF	24	350	-
EFB0848L	48	50	STD, F00, R00
EFB0848M	48	50	STD, F00, R00
EFB0848H	48	60	STD, F00, R00
EFB0848HH	48	70	STD, F00, R00
EFB0848VH	48	80	STD, F00, R00
EFB0848SH	48	90	STD, F00, R00
EFB0848EH	48	110	STD, F00, R00
EFB0912H	12	300	STD R00 F00
EFB0912HE	12	480	STD R00 F00
EFB0912HH	12	420	STD R00 F00
EFB0912HHE	12	630	STD R00 F00
EFB0912L	12	150	STD R00 F00
EFB0912LE	12	260	STD F00 R00
EFB0912LF	12	150	0 to 9, A to Z
EFB0912MF	12	230	0 to 9, A to Z
EFB0912HF	12	320	0 to 9, A to Z
EFB0912HHF	12	440	0 to 9, A to Z
EFB0912VHF	12	570	0 to 9, A to Z
EFB0912SHF	12	750	0 to 9, A to Z
EFB0912M	12	240	STD R00 F00
EFB0912ME	12	360	STD R00 F00
EFB0912SH	12	750	STD R00 F00
EFB0912VH	12	540	STD R00 F00
EFB0924H	24	150	STD R00 F00
EFB0924HE	24	240	STD R00 F00
EFB0924HH	24	210	STD R00 F00
EFB0924HHE	24	300	STD R00 F00
EFB0924L	24	80	STD R00 F00
EFD0924LE	24	140	STD R00 F00
EFB0924M	24	120	STD R00 F00

EFD0924MF

	24	180	STD R00 F00
EFB0924SH	24	380	STD R00 F00
EFB0924VH	24	270	STD R00 F00
EFB0924SHF-4G55	24	380	0 to 9, A to Z
EFB0924LF	24	80	0 to 9, A to Z
EFB0924MF	24	110	0 to 9, A to Z
EFB0924HF	24	140	0 to 9, A to Z
EFB0924HHF	24	200	0 to 9, A to Z
EFB0924VHF	24	270	0 to 9, A to Z
EFB0924SHF	24	380	0 to 9, A to Z
EFB1212H	12	410	F00 R00 STD 0 to 9, A to Z, blank or "-"
EFB1212HE	12	400	-
EFB1212HF	12	500	F00 R00 STD
EFB1212HH	12	450	F00 R00 STD 0 to 9, A to Z, blank or "-"
EFB1212HHE	12	600	-
EFB1212HHF	12	800	F00 R00 STD
EFB1212L	12	210	F00 R00 STD 0 to 9, A to Z, blank or "-"
EFB1212LE	12	240	-
EFB1212LF	12	200	F00 R00 STD
EFB1212M	12	260	F00 R00 STD 0 to 9, A to Z, blank or "-"
EFB1212ME	12	350	-
EFB1212MF	12	330	F00 R00 STD
EFB1212SH	12	750	F00 R00 STD 0 to 9, A to Z, blank or "-"
EFB1212SHE	12	1200	-
EFB1212VH	12	600	F00 R00 STD 0 to 9, A to Z, blank or "-"
EFB1212VHE	12	720	-
EFB1212VHF	12	1200	F00 R00 STD
EFB1224H	24	210	F00 R00 STD 0 to 9, A to Z, blank or "-"

EFB1224HF	24	300	F00 R00 STD
EFB1224HH	24	230	F00 R00 STD 0 to 9, A to Z, blank or "-"
EFB1224HHF	24	420	F00 R00 STD
EFB1224L	24	110	F00 R00 STD 0 to 9, A to Z, blank or "-"
EFB1224LE	24	150	-
EFB1224LF	24	140	F00 R00 STD
EFB1224M	24	140	F00 R00 STD 0 to 9, A to Z, blank or "-"
EFB1224ME	24	210	-
EFB1224MF	24	200	F00 R00 STD
EFB1224HE	24	270	-
EFB1224HHE	24	300	-
EFB1224SH	24	380	F00 R00 STD 0 to 9, A to Z, blank or "-"
EFB1224SHE	24	660	F00 R00 STD
EFB1224VH	24	300	F00 R00 STD 0 to 9, A to Z, blank or "-"
EFB1224VHE	24	400	-
EFB1224VHF	24	600	F00 R00 STD
EFB1248L	48	60	STD R00 F00
EFB1248M	48	80	STD R00 F00
EFB1248H	48	110	STD R00 F00
EFB1248HH	48	120	STD R00 F00
EFB1248VH	48	150	STD R00 F00
EFB1248SH	48	210	STD R00 F00
EFB1248LE	48	80	-
EFB1248LF	48	80	STD F00 R00
EFB1248ME	48	90	-
EFB1248MF	48	110	STD F00 R00
EFB1248HE	48	140	-
EFB1248HF	48	150	STD F00 R00
EFB1248HHE	48	180	-

EFB1248HHF	48	210	STD F00 R00
EFB1248VHE	48	210	-
EFB1248VHF	48	330	STD F00 R00
EFB1248SHE	48	300	-
EFB1312LE	12	600	-
EFB1312ME	12	870	-
EFB1312HE	12	1230	-
EFB1312HHE	12	1620	-
EFB1312VHE	12	2100	-
EFB1312SHE	12	2760	-
EFB1324LE	24	330	-
EFB1324ME	24	470	-
EFB1324HE	24	620	-
EFB1324HHE	24	810	-
EFB1324VHE	24	1050	-
EFB1324SHE	24	1380	-
EFB1348LE	48	180	-
EFB1348ME	48	240	-
EFB1348HE	48	320	-
EFB1348HHE	48	420	-
EFB1348VHE	48	540	-
EFB1512LE	12	970	F00, R00, STD, F05, R05, RR0, RR05
EFB1512ME	12	1440	F00, R00, STD, F05, R05, RR0, RR05
EFB1512HE	12	2430	F00, R00, STD, F05, R05, RR0, RR05
EFB1512LG	12	1300	F00, R00, STD
EFB1512MG	12	1600	F00, R00, STD
EFB1512HG	12	2200	F00, R00, STD
EFB1512HHG	12	3200	F00, R00, STD
EFB1524LE	24	480	F00, R00, STD, F05, R05, RR0, RR05
EFB1524ME	24	790	F00, R00, STD, F05,



			R05, RR0, RR05
EFB1524HE	24	1270	F00, R00, STD, F05, R05, RR0, RR05
EFB1524LG	24	700	F00, R00, STD
EFB1524MG	24	800	F00, R00, STD
EFB1524HG	24	1000	F00, R00, STD
EFB1524HHG	24	1300	F00, R00, STD
EFB1524VHG	24	1700	F00, R00, STD
EFB1524SHG	24	2100	F00, R00, STD
EFB1548HG	48	530	0 to 9, A to Z
EFB1548HHG	48	740	0 to 9, A to Z
EFB1548LE	48	310	F00, R00, STD, F05, R05, RR0, RR05
EFB1548ME	48	420	F00, R00, STD, F05, R05, RR0, RR05
EFB1548HE	48	510	F00, R00, STD, F05, R05, RR0, RR05
EFB1548LG	48	360	0 to 9, A to Z
EFB1548MG	48	440	0 to 9, A to Z
EFB1548VHG	48	830	0 to 9, A to Z
EFB1712LG	12	1300	
EFB1712MG	12	1600	
EFB1712HG	12	2200	F00, R00, STD
EFB1712HHG	12	3200	F00, R00, STD
EFB1724LG	24	700	F00, R00, STD
EFB1724MG	24	800	F00, R00, STD
EFB1724HG	24	1000	F00, R00, STD
EFB1724EHG	24	1920	0 to 9, A to Z
EFB1724GHG	24	2280	0 to 9, A to Z
EFB1724HHG	24	1300	F00, R00, STD
EFB1724VHG	24	1700	F00, R00, STD
EFB1724SHG	24	2100	F00, R00, STD
EFB1748HG	48	530	0 to 9, A to Z
EFB1748HHG	48	740	0 to 9, A to Z

EFB1748LG	48	360	0 to 9, A to Z
EFB1748MG	48	440	0 to 9, A to Z
EFB1748VHG	48	830	0 to 9, A to Z
EFC SERIES			
EFC0412AD	12	240	STD, F00, R00
EFC0412BD	12	240	STD, F00, R00
EFC0412DD-4M2M	12	80	0 to 9, A to Z
EFC0612AA	12	380	STD, F00, R00
EFC0612BA	12	380	STD, F00, R00
EFC0812A	12	600	0 to 9, A to Z
EFC0812B	12	600	STD, F00, R00
EFC0812DB	12	500	STD, F00, R00
EFC0912A	12	750	STD, F00, R00
EFC0912AE	12	630	STD, F00, R00
EFC0912B	12	750	STD, F00, R00
EFC0912BE	12	630	STD, F00, R00
EFC0912BF	12	600	STD, F00, F05, R00, R05
EFC0912BF-SP	12	600	0 to 9, A to Z, blank or "-"
EFC0924AE	24	300	STD, F00, F05, R00, R05
EFC0924BE	24	300	STD, F00, F05, R00, R05
EFC1212D	12	750	STD, F00, R00
EFC1212DE	12	1200	STD F00 R00
EFC1212DF	12	1200	STD, F00, R00
EFC1224D	24	380	STD, F00, R00
EFC1224DE	24	660	STD F00 R00
EFC1224DF	24	600	STD, F00, R00
EFC1248D	48	210	STD, F00, R00
EFC1248DF	48	330	STD, F00, R00
EFC1248EE	48	400	STD, F00
EFC1548DG-5K06	48	3120	0 to 9, A to Z, blank or "-"

EFC1548DG-S82U	48	530	0 to 9, A to Z
EFC1748DG	48	1950	STD, F00, R00, F05, R05, RR0, RR05 0 to 9, A to Z, blank or "-"
EFC1748DG-S41P	48	1840	STD, F00, R00, F05, R05, RR0, RR05 0 to 9, A to Z, blank or "-"

## EHB SERIES

EHB1548HHG	48	730	0 to 9, A to Z
EHB1548VHG	48	860	0 to 9, A to Z
EHB1548SHG	48	1060	0 to 9, A to Z
EHB1548EHG	48	1440	0 to 9, A to Z
EHB1748HHG	48	730	0 to 9, A to Z
EHB1748VHG	48	860	0 to 9, A to Z
EHB1748SHG	48	1060	0 to 9, A to Z
EHB1748EHG	48	1440	0 to 9, A to Z

## ESB SERIES

ESB0405LA	5	100	STD, F00, R00
ESB0405MA	5	150	STD, F00, R00
ESB0405HA	5	200	STD, F00, R00
ESB0405HHA	5	250	STD, F00, R00
ESB0412LA	12	80	STD, F00, R00
ESB0412MA	12	90	STD, F00, R00
ESB0412HA	12	120	STD, F00, R00
ESB0412HHA	12	150	STD, F00, R00
ESB0412VHA	12	230	STD, F00, R00
ESB0912L	12	150	STD, F00, R00
ESB0912M	12	240	STD, F00, R00
ESB0912H	12	300	STD, F00, R00
ESB0912HH	12	420	STD, F00, R00
ESB0912VH	12	540	STD, F00, R00
ESB0924L	24	80	STD, F00, R00
ESB0924M	24	120	STD, F00, R00
ESB0924H	24	150	STD, F00, R00

ESB0924HH	24	210	STD, F00, R00
ESB0924VH	24	270	STD, F00, R00
EUB SERIES			
EUB0405HD	5	380	-
EUB0405HHD	5	450	-
EUB0405LD	5	160	-
EUB0405LLD	5	100	-
EUB0405MD	5	240	-
EUB0405VHD	5	500	-
EUB0405LA	5	100	STD, F00, R00
EUB0405MA	5	150	STD, F00, R00
EUB0405HA	5	200	STD, F00, R00
EUB0405HHA	5	250	STD, F00, R00
EUB0412LA	12	80	STD, F00, R00
EUB0412MA	12	90	STD, F00, R00
EUB0412HA	12	120	STD, F00, R00
EUB0412HHA	12	150	STD, F00, R00
EUB0412VHA	12	230	STD, F00, R00
EUB0412HD	12	120	-
EUB0412HHD	12	150	-
EUB0412LD	12	80	-
EUB0412LLD	12	60	-
EUB0412MD	12	100	-
EUB0412VHD	12	180	-
EUB0424HD	24	100	-
EUB0424HHD	24	120	-
EUB0424LD	24	60	-
EUB0424LLD	24	50	-
EUB0424MD	24	80	-
EUB0424VHD	24	140	-
EUB0605LB	5	170	STD, F00, R00
EUB0605MB	5	240	STD, F00, R00

EUB0605HB	5	330	STD, F00, R00
EUB0605HHB	5	510	STD, F00, R00
EUB0612LB	12	90	STD, F00, R00
EUB0612MB	12	120	STD, F00, R00
EUB0612HB	12	150	STD, F00, R00
EUB0612HHB	12	210	STD, F00, R00
EUB0612VHB	12	270	STD, F00, R00
EUB0624LB	24	60	STD, F00, R00
EUB0624MB	24	80	STD, F00, R00
EUB0624HB	24	90	STD, F00, R00
EUB0624HHB	24	150	STD, F00, R00
EUB0624VHB	24	170	STD, F00, R00
EUB0912L	12	150	STD, F00, R00
EUB0912M	12	240	STD, F00, R00
EUB0912H	12	300	STD, F00, R00
EUB0912HH	12	420	STD, F00, R00
EUB0912VH	12	540	STD, F00, R00
EUB0924L	24	80	STD, F00, R00
EUB0924M	24	120	STD, F00, R00
EUB0924H	24	150	STD, F00, R00
EUB0924HH	24	210	STD, F00, R00
EUB0924VH	24	270	STD, F00, R00
FFB SERIES			
FFB03612EHN	12	750	0 to 9, A to Z
FFB03812HHN	12	570	0 to 9, A to Z
FFB03812HN	12	410	0 to 9, A to Z
FFB03812LN	12	240	0 to 9, A to Z
FFB03812MN	12	300	0 to 9, A to Z
FFB03812VHN	12	780	0 to 9, A to Z
FFB0412EHN-C	12	400	STD, F00, R00 0 to 9, A to Z, blank or "-"
FFB0412GHN-C	12	600	STD, F00, R00 0 to 9, A to Z, blank or "-"

FFB0412HHN	12	170	STD, F00, R00
FFB0412HN	12	110	STD, F00, R00
FFB0412MN	12	80	STD, F00, R00
FFB0412SHN	12	600	STD, F00, R00
FFB0412SHN-A	12	600	0 to 9, A to Z, blank or "-"
FFB0412SHN-SE03	12	600	0 to 9, A to Z
FFB0412UHN-C	12	810	STD, F00, R00 0 to 9, A to Z, blank or "-"
FFB0412VHN	12	240	STD, F00, R00
FFB0412VHN-A	12	450	0 to 9, A to Z, blank or "-"
FFB0412VHN-6J41R	12	330	0 to 9, A to Z, blank or "-"
FFB0424HHN	24	120	STD, F00, R00
FFB0424HN	24	90	STD, F00, R00
FFB0424MN	24	60	STD, F00, R00
FFB0424VHN	24	150	STD, F00, R00
FFB0612DHE-8F58	12	2500	STD, F00, R00, 0 to 9, A to Z, blank or "-"
FFB0612DHE-SM	12	2500	STD, F00, R00, 0 to 9, A to Z, blank or "-"
FFB0612EHE	12	1200	0 to 9, A to Z
FFB0612EHE-SZ64	12	1200	0 to 9, A to Z
FFB0612GHE	12	1400	0 to 9, A to Z
FFB0612HHE	12	340	0 to 9, A to Z
FFB0612SHE	12	830	0 to 9, A to Z
FFB0612UHE	12	1950	0 to 9, A to Z, blank or "-"
FFB0612VHE	12	510	0 to 9, A to Z
FFB0624EHE	24	570	0 to 9, A to Z
FFB0624EHE-SV61	18	570	0 to 9, A to Z
FFB0624HHE	24	200	0 to 9, A to Z
FFB0624SHE	24	400	0 to 9, A to Z
FFB0624VHE	24	290	0 to 9, A to Z
FFB0648SHE	48	240	0 to 9, A to Z
FFB0812EHE	12	1350	0 to 9, A to Z

FFB0812GHE	12	1380	0 to 9, A to Z
FFB0812HH	12	320	F00, R00, STD
FFB0812HHE	12	300	0 to 9, A to Z
FFB0812SH	12	600	F00, R00, STD, A to Z, 0 to 9
FFB0812SHE	12	870	0 to 9, A to Z
FFB0812UHE	12	1800	0 to 9, A to Z
FFB0812VH	12	420	F00, R00, STD
FFB0812VHE	12	570	0 to 9, A to Z
FFB0824EHE	24	750	0 to 9, A to Z
FFB0824EHE-SV09	18	750	0 to 9, A to Z
FFB0824HHE	24	230	0 to 9, A to Z
FFB0824SHE	24	510	0 to 9, A to Z
FFB0824VHE	24	360	0 to 9, A to Z
FFB0848EHE	48	300	0 to 9, A to Z
FFB0848HHE	48	120	0 to 9, A to Z
FFB0848SHE	48	240	0 to 9, A to Z
FFB0848VHE	48	170	0 to 9, A to Z
FFB0912EHE	12	1500	F00, R00, STD
FFB0912HH	12	600	STD, F00, R00
FFB0912HHE	12	530	F00, R00, STD
FFB0912SH	12	1040	STD, F00, R00
FFB0912SHE	12	1130	F00, R00, STD
FFB0912VH	12	900	STD, F00, R00
FFB0912VHE	12	750	F00, R00, STD
FFB0924EHE	24	750	F00, R00, STD
FFB0924HH	24	360	STD, F00, R00
FFB0924HHE	24	270	F00, R00, STD
FFB0924SHE	24	600	F00, R00, STD
FFB0924VH	24	470	STD, F00, R00
FFB0924VHE	24	420	F00, R00, STD
FFB0948EHE-SV62	48	150	0 to 9, A to Z
FFB0948HH	48	210	STD, F00, R00

FFB0948HHE	48	150	0 to 9, A to Z
FFB0948SHE	48	300	0 to 9, A to Z
FFB0948VH	48	260	STD, F00, R00
FFB0948VHE	48	210	0 to 9, A to Z
FFB1012EHE	12	2640	0 to 9, A to Z
FFB1212EH	12	1740	0 to 9, A to Z
FFB1212EHE	12	3000	STD, F00, R00
FFB1212HE	12	840	F00, R00, STD
FFB1212HH	12	780	0 to 9, A to Z
FFB1212HHE	12	1120	F00, R00, STD
FFB1212SH	12	1240	0 to 9, A to Z
FFB1212SHE	12	2250	STD, F00, R00
FFB1212VH	12	950	0 to 9, A to Z
FFB1212VHE	12	1500	F00, R00, STD
FFB1224EH	24	760	0 to 9, A to Z
FFB1224EHE	24	1500	STD, F00, R00
FFB1224HE	24	500	F00, R00, STD
FFB1224HH	24	340	0 to 9, A to Z
FFB1224HHE	24	630	F00, R00, STD
FFB1224SH	24	630	0 to 9, A to Z
FFB1224SHE	24	1200	STD, F00, R00
FFB1224VH	24	450	0 to 9, A to Z
FFB1224VHE	24	840	F00, R00, STD
FFB1248EH	48	380	0 to 9, A to Z
FFB1248EHE	48	750	STD, F00, R00
FFB1248EHE-5F92	48	380	0 to 9, A to Z
FFB1248GHE-M	48	1800	0 to 9, A to Z
FFB1248HH	48	170	0 to 9, A to Z
FFB1248SH	48	300	0 to 9, A to Z
FFB1248SHE	48	570	STD, F00, R00
FFB1248VH	48	220	0 to 9, A to Z
FFB1248VHE	48	420	STD, F00, R00

FFB1248XHE-M



	48	1980	0 to 9, A to Z
FFB1312EHE	12	4110	STD, F00, R00
FFB1312SHE	12	2780	STD, F00, R00
FFB1312VHE	12	1980	STD, F00, R00
FFB1324EHE	24	1800	STD, F00, R00
FFB1324SHE	24	1260	STD, F00, R00
FFB1324VHE	24	900	STD, F00, R00
FFB1348EHE	48	1000	STD, F00, R00
FFB1424GHE-M	24	3580	0 to 9, A to Z
FFB1424HHG	24	1070	0 to 9, A to Z
FFB1348SHE	48	680	STD, F00, R00
FFB1348VHE	48	500	STD, F00, R00
FFB1424SHG	24	2300	0 to 9, A to Z
FFB1424UHE-M	24	4020	0 to 9, A to Z
FFB1424VHG	24	1370	0 to 9, A to Z
FFB1448GHE-M	48	1800	0 to 9, A to Z
FFB1448HHG	48	540	0 to 9, A to Z
FFB1448SHG	48	1660	0 to 9, A to Z
FFB1448UHE-M	48	2160	0 to 9, A to Z
FFB1448VHG	48	750	0 to 9, A to Z
FFB1548GHG-A	48	1200	0 to 9, A to Z, blank or "-"
FFB1548UHG-A	48	2340	0 to 9, A to Z, blank or "-"
FFB1724HHG	24	3600	0 to 9, A to Z
FFB1724SHG	24	5780	0 to 9, A to Z
FFB1724VHG	24	4500	0 to 9, A to Z
FFB1748HHG	48	1680	0 to 9, A to Z
FFB1748SHG	48	3000	0 to 9, A to Z
FFB1748VHG	48	2280	0 to 9, A to Z
FFB2024LT-4K1T	24	1800	0 to 9, A to Z
FFC SERIES:			
FFC0612DE	12	1200	STD, F00, R00
FFC0612DE-5C2K	12	1200	F00, R00, STD

FFC0812DE	12	1800	0 to 9, A to Z
FFC0848CE	48	300	0 to 9, A to Z
FFC0912CE	12	1500	STD, F00, R00
FFC0912D	12	1050	0 to 9, A to Z
FFC0912DE	12	1500	STD, F00, R00
FFC0924A	24	600	0 to 9, A to Z
FFC0924B	24	600	0 to 9, A to Z
FFC0924DE	24	750	STD, F00, R00
FFC0948B	48	370	0 to 9, A to Z, blank or "-"
FFC0948D	48	370	0 to 9, A to Z
FFC1012DE	12	2640	0 to 9, A to Z
FFC1212D	12	1680	0 to 9, A to Z
FFC1212DE	12	3000	F00, R00, STD
FFC1224DE	24	1500	STD, F00, R00
FFC1248CE	48	750	STD, F00, R00
FFC1248DE	48	750	STD, F00, R00
FFC1248DE-M	48	1980	0 to 9, A to Z
FFC1248DE- SE/8J14/4C87	48	2520	A to Z, 0 to 9, blank or "-"
FFC1312DE	12	4100	STD, F00, R00
FFC1324DE	24	1800	STD, F00, R00
FFC1348D	48	1000	STD, F00, R00
FFC1348CE	48	1050	STD, F00, F00
FFC1424DG	24	3150	0 to 9, A to Z
FHB SERIES			
FHB1224XHE-M	24	3900	0 to 9, A to Z
FHB1248GHE	48	940	0 to 9, A to Z
FHB1248UHE	48	1090	0 to 9, A to Z
FHB1248DHE	48	1540	0 to 9, A to Z
FHB1448HHE	48	790	0 to 9, A to Z
FHB1448VHE	48	1000	0 to 9, A to Z
FHB1448SHE	48	1300	0 to 9, A to Z

FHB1448EHE	48	1630	0 to 9, A to Z
FHB1748MG	48	1000	0 to 9, A to Z
FHB1748HG	48	1300	0 to 9, A to Z
FHB1748HHG	48	1920	0 to 9, A to Z
FUB SERIES			
FUB0412MN	12	80	STD, F00, R00
FUB0412HN	12	110	STD, F00, R00
FUB0412HHN	12	170	STD, F00, R00
FUB0412VHN	12	240	STD, F00, R00
FUB0424MN	24	60	STD, F00, R00
FUB0424HN	24	90	STD, F00, R00
FUB0424HHN	24	120	STD, F00, R00
FUB0424VHN	24	150	STD, F00, R00
GFB SERIES			
GFB0405MF	5	320	STD, F00, R00
GFB0405HF	5	540	STD, F00, R00
GFB0405HHF	5	990	STD, F00, R00
GFB0412DS	12	1200	0 to 9, A to Z, blank or "-"
GFB0412MF	12	140	STD, F00, R00
GFB0412HF	12	210	STD, F00, R00
GFB0412HHF	12	350	STD, F00, R00
GFB0412VHF	12	540	STD, F00, R00
GFB0412SHS-A	12	1320	0 to 9, A to Z
GFB0412EHS-A	12	1820	0 to 9, A to Z
GFB0412GHS	12	1200	0 to 9, A to Z, blank or "-"
GFB0412SHG	12	1020	0 to 9, A to Z
GFB0412SHS	12	870	0 to 9, A to Z
GFB0412EHS	12	1500	0 to 9, A to Z
GFB0412EHG	12	1900	0 to 9, A to Z
GFB0412SHE	12	680	0 to 9, A to Z
GFB0412SHG-A	12	1320	0 to 9, A to Z
GFB0424MF	24	140	STD, F00, R00

GFB0424HF	24	180	STD, F00, R00
GFB0424HHF	24	240	STD, F00, R00
GFB0424VHF	24	330	STD, F00, R00
GFB0612UHE	12	2000	0 to 9, A to Z, blank or "-"
GFB0612UHW	12	3000	0 to 9, A to Z, blank or "-"
GFB0612UHU	12	3600	0 to 9, A to Z, blank or "-"
GFB0612HHG	12	520	0 to 9, A to Z
GFB0612SHG	12	980	0 to 9, A to Z
GFB06121VHG	12	750	0 to 9, A to Z
GFB0624HHG	24	240	0 to 9, A to Z
GFB0624VHG	24	340	0 to 9, A to Z
GFB0812DHU	12	5880	0 to 9, A to Z, blank or "-"
GFB0812HHG	12	470	STD, F00, R00
GFB0812VHG	12	710	STD, F00, R00
GFB0812SHG	12	1100	STD, F00, R00
GFB0824HHG	24	380	STD, F00, R00
GFB0824VHG	24	360	STD, F00, R00
GFB0824SHG	24	560	STD, F00, R00
GFB0912DHU	12	6600	0 to 9, A to Z, blank or "-"
GFB0912HHG	12	840	0 to 9, A to Z
GFB0912VHG	12	1230	0 to 9, A to Z
GFB0912SHG	12	1560	0 to 9, A to Z
GFB0912EHG	12	2100	0 to 9, A to Z
GFB0912UHE	12	3120	0 to 9, A to Z, blank or "-"
GFB0924HHG	24	570	0 to 9, A to Z
GFB0924VHG	24	720	0 to 9, A to Z
GFB0948HHG	48	260	STD, F00, R00
GFB0948VHG	48	390	STD, F00, R00
GFB1212MW	12	1440	STD, F00, R00
GFB1212HW	12	2160	STD, F00, R00
GFB1212HHW	12	2840	STD, F00, R00
GFB1212VHW	12	3980	STD, F00, R00
GFB1212VHG			

	12	3400	0 to 9, A to Z
GFB1224MW	24	740	STD, F00, R00
GFB1224HW	24	1020	STD, F00, R00
GFB1224HHW	24	1430	STD, F00, R00
GFB1224VHW	24	1820	STD, F00, R00
GFB1224SHG	24	1800	0 to 9, A to Z
GFB1248MW	48	450	STD, F00, R00
GFB1248HW	48	590	STD, F00, R00
GFB1248HHW	48	830	STD, F00, R00
GFB1248VHW	48	930	STD, F00, R00
GFB1248SHG	48	820	0 to 9, A to Z
GFB1412EHT	12	4560	0 to 9, A to Z
GFC SERIES			
GFC0612DE	12	2000	0 to 9, A to Z, blank or "-"
GFC0612DU	12	3600	0 to 9, A to Z, blank or "-"
GFC0612DW	12	3000	0 to 9, A to Z, blank or "-"
GFC0812CG	12	700	STD, F00, R00
GFC0824CG	24	380	STD, F00, R00
GFC0912DE	12	3120	0 to 9, A to Z, blank or "-"
GFC1212CW	12	2550	STD, F00, R00
GFC1224CW	24	1320	STD, F00, R00
GFC1248CW	48	680	STD, F00, R00
GFC1412DT	12	4560	0 to 9, A to Z
GSB SERIES			
GSB0405MF	5	320	STD, F00, R00
GSB0405HF	5	540	STD, F00, R00
GSB0405HHF	5	990	STD, F00, R00
GSB0412MF	12	140	STD, F00, R00
GSB0412HF	12	210	STD, F00, R00
GSB0412HHF	12	350	STD, F00, R00
GSB0412VHF	12	540	STD, F00, R00
GSB0424MF	24	140	STD, F00, R00

GSB0424HF	24	180	STD, F00, R00
GSB0424HHF	24	240	STD, F00, R00
GSB0424VHF	24	330	STD, F00, R00
GSB0812HHG	12	470	STD, F00, R00
GSB0812VHG	12	710	STD, F00, R00
GSB0812SHG	12	1100	STD, F00, R00
GSB0824HHG	24	380	STD, F00, R00
GSB0824SHG	24	360	STD, F00, R00
GSB0824VHG	24	560	STD, F00, R00
GUB SERIES			
GUB0405MF	5	320	STD, F00, R00
GUB0405HF	5	540	STD, F00, R00
GUB0405HHF	5	990	STD, F00, R00
GUB0412MF	12	140	STD, F00, R00
GUB0412HF	12	210	STD, F00, R00
GUB0412HHF	12	350	STD, F00, R00
GUB0412VHF	12	540	STD, F00, R00
GUB0424MF	24	140	STD, F00, R00
GUB0424HF	24	180	STD, F00, R00
GUB0424HHF	24	240	STD, F00, R00
GUB0424VHF	24	330	STD, F00, R00
GUB0812HHG	12	470	STD, F00, R00
GUB0812VHG	12	710	STD, F00, R00
GUB0812SHG	12	1100	STD, F00, R00
GUB0824HHG	24	380	STD, F00, R00
GUB0824VHG	24	360	STD, F00, R00
GUB0824SHG	24	560	STD, F00, R00
GUC SERIES			
GUC0812CG	12	700	STD, F00, R00
GUC0824CG	24	380	STD, F00, R00
GSC SERIES			

GSC0812CG	12	700	STD, F00, R00
GSC0824CG	24	380	STD, F00, R00
HFB SERIES			
HFB0605LB	5	210	STD, F00, R00
HFB0605MB	5	300	STD, F00, R00
HFB0605HB	5	510	STD, F00, R00
HFB0605LD	5	270	STD, F00, R00
HFB0605MD	5	440	STD, F00, R00
HFB0612LB	12	90	STD, F00, R00
HFB0612MB	12	120	STD, F00, R00
HFB0612HB	12	170	STD, F00, R00
HFB0612HHB	12	240	STD, F00, R00
HFB0612LD	12	90	STD, F00, R00
HFB0612MD	12	150	STD, F00, R00
HFB0612HD	12	210	STD, F00, R00
HFB0612HHD	12	260	STD, F00, R00
HFB0624LB	24	90	STD, F00, R00
HFB0624MB	24	100	STD, F00, R00
HFB0624HB	24	120	STD, F00, R00
HFB0624LD	24	90	STD, F00, R00
HFB0624MD	24	140	STD, F00, R00
HFB0624HD	24	150	STD, F00, R00
HUB SERIES			
HUB0705L	5	300	STD, F00, R00
HUB0705M	5	490	STD, F00, R00
HUB0705H	5	840	STD, F00, R00
HUB0712L	12	120	STD, F00, R00
HUB0712M	12	180	STD, F00, R00
HUB0712H	12	270	STD, F00, R00
HUB0712HH	12	360	STD, F00, R00
HUB0724L	24	60	STD, F00, R00
HUB0724M	24	110	STD, F00, R00

HUB0724H	24	130	STD, F00, R00
HUB0724HH	24	180	STD, F00, R00
HUB0805L	5	300	STD, F00, R00
HUB0805M	5	490	STD, F00, R00
HUB0805H	5	840	STD, F00, R00
HUB0812L	12	120	STD, F00, R00
HUB0812M	12	180	STD, F00, R00
HUB0812H	12	270	STD, F00, R00
HUB0812HH	12	360	STD, F00, R00
HUB0824L	24	60	STD, F00, R00
HUB0824M	24	110	STD, F00, R00
HUB0824H	24	130	STD, F00, R00
HUB0824HH	24	180	STD, F00, R00
KDB SERIES			
KDB04505HA	5	290	0 to 9, A to Z
KDB0505HA	5	400	0 to 9, A to Z
KDB0505HB	5	350	0 to 9, A to Z
KDB0505HB-5K86	5	270	0 to 9, A to Z
KDB05105HB	5	400	0 to 9, A to Z
KDB0605HB	5	360	0 to 9, A to Z, blank or "-"
KDB0705HA	5	400	0 to 9, A to Z, blank or "-"
KDB0705HB	5	400	0 to 9, A to Z, blank or "-"
KFB SERIES			
KFB0112H	12	1320	-
KFB3205HA	5	360	STD, F00, R00
KFB03205HP	5	350	STD, F00, R00
KFB03205LA	5	170	STD, F00, R00
KFB03205LP	5	140	STD, F00, R00
KFB03205MA	5	270	STD, F00, R00
KFB03205MP	5	270	STD, F00, R00
KFB0405HA-SE	5	180	STD, F00, R00 0 to 9, A to Z, blank or "-"



KFB0412HA	12	180	STD, F00, R00
KFB0412HA-S12W	12	180	STD, F00, R00
KFB0505HA	5	380	0 to 9, A to Z, blank or "-"
KFB0505HHA	5	360	0 to 9, A to Z
KFB0612HD-8K16	12	0.5	STD, F00, R00 0 to 9, A to Z, blank or "-"
KFB1012HHS	12	2100	STD, F00, F05, R00, R05, RR0, RR05
KFB1012HS	12	1890	STD, F00, F05, R00, R05, RR0, RR05
KFB1012MS	12	1150	STD, F00, F05, R00, R05, RR0, RR05
KFB1024HHS	24	980	STD, F00, F05, R00, R05, RR0, RR05
KFB1024HS	24	930	STD, F00, F05, R00, R05, RR0, RR05
KFB1024MS	24	580	STD, F00, F05, R00, R05, RR0, RR05
KFB1024VHS	24	1440	0 to 9, A to Z
KFB1048HHS	48	520	STD, F00, F05, R00, R05, RR0, RR05
KFB1048HS	48	520	STD, F00, F05, R00, R05, RR0, RR05
KFB1048MS	48	300	STD, F00, F05, R00, R05, RR0, RR05
KFB1248EHS	48	600	0 to 9, A to Z
KFB1248GHS	48	760	0 to 9, A to Z
KFB1348HT	48	1200	STD, F00, R00
KFB1348LT	48	780	STD, F00, R00
KFB1348MT	48	840	STD, F00, R00
KFB1712HT	12	3120	0 to 9, A to Z
KFB1712LT	12	1560	0 to 9, A to Z
KFB1712MT	12	2080	0 to 9, A to Z
KFB1724EHS	24	2760	0 to 9, A to Z
KFB1724HT	24	1630	0 to 9, A to Z
KFB1724LT	24	740	0 to 9, A to Z

KFB1724MT	24	1160	0 to 9, A to Z
KFB1724SHS	24	1980	0 to 9, A to Z
KFB1724SHT	24	3770	0 to 9, A to Z
KFB1724VHT	24	2720	0 to 9, A to Z
KFB1748EHS	48	1380	0 to 9, A to Z
KFB1748HHT	48	910	0 to 9, A to Z
KFB1748HT	48	910	0 to 9, A to Z
KFB1748LT	48	380	0 to 9, A to Z
KFB1748MT	48	610	0 to 9, A to Z
KFB1748SHS	48	960	0 to 9, A to Z
KFB1748VHT	48	1360	0 to 9, A to Z
KFB1748SHT	48	1740	0 to 9, A to Z
KFB2324HHU	24	4940	0 to 9, A to Z, blank or "-"
KFB2324HHV	24	4940	0 to 9, A to Z, blank or "-"
KFB2348HHV	48	2760	0 to 9, A to Z
KFB2348HV	48	1750	0 to 9, A to Z
KFB2348HHU	48	2760	0 to 9, A to Z
KFB2348HU	48	1750	0 to 9, A to Z
KFB2524HHU	24	4620	0 to 9, A to Z, blank or "-"
KFB2548HHU	48	2640	0 to 9, A to Z
KFB2548HU	48	1900	0 to 9, A to Z
KFC SERIES			
KFC1012DS	12	2100	STD, F00, F05, R00, R05, RR0, RR05
KFC1024DS	24	980	STD, F00, F05, R00, R05, RR0, RR05
KFC1048DS	48	520	STD, F00, F05, R00, R05, RR0, RR05
KFC1724DT	24	3460	0 to 9, A to Z
KHB SERIES			
KHB1048HS	48	350	0 to 9, A to Z
KHB1048HHS	48	440	0 to 9, A to Z
KHB1048MS	48	280	0 to 9, A to Z

KHB1048VHS	48	530	0 to 9, A to Z
KHB1248VHS	48	330	0 to 9, A to Z
KHB1248SHS	48	420	0 to 9, A to Z
KHB1248EHS	48	570	0 to 9, A to Z
KHB1348LW	48	510	0 to 9, A to Z
KHB1348MW	48	630	0 to 9, A to Z
KHB1348HW	48	880	0 to 9, A to Z
KHB1748HS	48	530	0 to 9, A to Z
KHB1748HHS	48	650	0 to 9, A to Z
KHB1748VHS	48	780	0 to 9, A to Z
KHB1748MT	48	430	0 to 9, A to Z
KHB1748HT	48	680	0 to 9, A to Z
KHB1748HHT	48	880	0 to 9, A to Z
KHB1748MT-A	48	430	0 to 9, A to Z
KHB1748HT-A	48	680	0 to 9, A to Z
KHB1748HHT-1	48	880	0 to 9, A to Z
KHB2348HHU	48	1680	0 to 9, A to Z, blank or "-"
KHB2348HHV	48	1680	0 to 9, A to Z, blank or "-"
KHB2548HHU	48	1440	0 to 9, A to Z, blank or "-"
KSB SERIES			
KSB03505HB	5	350	0 to 9, A to Z, blank or "-"
KSB0405HA	5	300	0 to 9, A to Z, blank or "-"
KSB0405HHA	5	330	0 to 9, A to Z
KSB0505HA	5	320	0 to 9, A to Z, blank or "-"
KSB0505HA-9D1H	5	360	F00, R00, STD 0 to 9, A to Z, blank or "-"
KSB0505HHA	5	360	0 to 9, A to Z
KSB05105HA	5	350	0 to 9, A to Z, blank or "-"
KSB06105HA	5	400	0 to 9, A to Z, blank or "-"
KSB06205HA	5	400	0 to 9, A to Z, blank or "-"
LFB SERIES			
LFB0512HD	12	330	0 to 9, A to Z

LFB0612LD	12	80	0 to 9, A to Z
LFB0612MD	12	110	0 to 9, A to Z
LFB0612HD	12	140	0 to 9, A to Z
LFB0612HHD	12	150	0 to 9, A to Z
LFB0612VHD	12	180	0 to 9, A to Z
LFB0712L	12	130	0 to 9, A to Z
LFB0712M	12	140	0 to 9, A to Z
LFB0712H	12	150	0 to 9, A to Z
LFC SERIES			
LFC0712D	12	150	0 to 9, A to Z
NFB SERIES			
NFB0612L	12	80	F00, R00, STD
NFB0612M	12	110	F00, R00, STD
NFB0612H	12	160	F00, R00, STD
NFB0612HH	12	220	F00, R00, STD
NFB0612L-A	12	110	0 to 9, A to Z
NFB0612M-A	12	140	0 to 9, A to Z
NFB0612H-A	12	170	0 to 9, A to Z
NFB0612HH-A	12	230	0 to 9, A to Z
NFB0612LB	12	80	0 to 9, A to Z, blank or "-"
NFB0612MB	12	140	0 to 9, A to Z, blank or "-"
NFB0612LB	12	240	0 to 9, A to Z, blank or "-"
NFB0712M-SM	12	170	0 to 9, A to Z, blank or "-"
NFB0712LD	12	90	0 to 9, A to Z, blank or "-"
NFB0712MD	12	100	0 to 9, A to Z, blank or "-"
NFB0712HD	12	140	0 to 9, A to Z, blank or "-"
NFB0712HHD	12	180	0 to 9, A to Z, blank or "-"
NFB0712VHD	12	230	0 to 9, A to Z, blank or "-"
NFB0812L	12	100	0 to 9, A to Z
NFB0812M	12	120	0 to 9, A to Z
NFB0812H	12	130	0 to 9, A to Z
NFB0812HH	12	200	0 to 9, A to Z

NFB0812LB	12	110	0 to 9, A to Z, blank or "-"
NFB0812MB	12	180	0 to 9, A to Z, blank or "-"
NFB0812HB	12	400	0 to 9, A to Z, blank or "-"
NFB0812M-A	12	150	0 to 9, A to Z, blank or "-"
NFB0812H-A	12	200	0 to 9, A to Z, blank or "-"
NFB0912L	12	170	0 to 9, A to Z
NFB0912M	12	230	0 to 9, A to Z
NFB0912H	12	410	0 to 9, A to Z
NFB1212L	12	220	0 to 9, A to Z, blank or "-"
NFB1212M	12	320	0 to 9, A to Z, blank or "-"
NFB1212H	12	410	0 to 9, A to Z, blank or "-"
NFC SERIES			
NFC0812D	12	410	0 to 9, A to Z
NUB SERIES			
NUB0612LB	12	80	0 to 9, A to Z, blank or "-"
NUB0612MB	12	140	0 to 9, A to Z, blank or "-"
NUB0612LB	12	240	0 to 9, A to Z, blank or "-"
NUB0712M	12	170	0 to 9, A to Z, blank or "-"
PFB SERIES			
PFB0412HHN	12	260	0 to 9, A to Z
PFB0412VHN	12	340	0 to 9, A to Z
PFB0412SHN	12	600	0 to 9, A to Z
PFB0412EHN	12	720	0 to 9, A to Z
PFB0512EHF	12	810	0 to 9, A to Z, blank or "-"
PFB0612UHE	12	1680	0 to 9, A to Z
PFB0612GHE	12	1280	0 to 9, A to Z
PFB0612EHE	12	950	0 to 9, A to Z
PFB0612SHE	12	720	0 to 9, A to Z
PFB0624SHE	24	360	-
PFB0624EHE	24	430	-
PFB0624GHE	24	580	-

PFB0812VHE	12	470	0 to 9, A to Z
PFB0812SHE	12	620	0 to 9, A to Z
PFB0812EHE	12	870	0 to 9, A to Z
PFB0812GHE	12	1020	0 to 9, A to Z
PFB0812UHE	12	1860	0 to 9, A to Z
PFB0812DHE	12	3300	0 to 9, A to Z
PFB0824EHE	24	440	0 to 9, A to Z
PFB0824GHE	24	540	0 to 9, A to Z
PFB0824UHE	24	930	0 to 9, A to Z
PFB0824DHE	24	1630	0 to 9, A to Z
PFB0848EHE	48	280	0 to 9, A to Z
PFB0848GHE	48	320	0 to 9, A to Z
PFB0848UHE	48	650	0 to 9, A to Z
PFB0848GHE-6E22	48	320	0 to 9, A to Z, blank or "-"
PFB0912HHE	12	420	0 to 9, A to Z
PFB0912VHE	12	460	0 to 9, A to Z
PFB0912SHE	12	700	0 to 9, A to Z
PFB0912EHE	12	880	0 to 9, A to Z
PFB0912GHE	12	1500	0 to 9, A to Z
PFB0912UHE	12	2350	0 to 9, A to Z
PFB0912DHE	12	3720	0 to 9, A to Z
PFB0924EHE	24	420	0 to 9, A to Z
PFB0924GHE	24	760	0 to 9, A to Z
PFB0924UHE	24	1220	0 to 9, A to Z
PFB0924DHE	24	1740	0 to 9, A to Z
PFB0948EHE	48	260	0 to 9, A to Z
PFB0948GHE	48	420	0 to 9, A to Z
PFB0948UHE	48	800	0 to 9, A to Z
PFB1212GHE	12	3240	0 to 9, A to Z
PFB1212EHE	12	1920	0 to 9, A to Z
PFB1212UHE	12	4800	0 to 9, A to Z
PFB1224UHE	24	2400	0 to 9, A to Z
PFB1224GHE			

	24	1620	0 to 9, A to Z
PFB1224EHE	24	1080	0 to 9, A to Z
PFB1248UHE	48	1200	0 to 9, A to Z
PFB1248GHE	48	820	0 to 9, A to Z
PFB1248GHE-6L29	48	820	0 to 9, A to Z, blank or "-"
PFB1248EHE	48	540	0 to 9, A to Z
PFB2024LT	24	3110	0 to 9, A to Z
PFB2024MT	24	5160	0 to 9, A to Z
PFB2048LT	48	1460	0 to 9, A to Z
PFB2048MT	48	2020	0 to 9, A to Z
PFB2048HT	48	2850	0 to 9, A to Z
PFC SERIES			
PFC0612DE	12	1680	0 to 9, A to Z
PFC0812DE	12	3300	0 to 9, A to Z
PFC0812DE-9C48	12	1860	F00, R00, STD 0 to 9, A to Z, blank or "-"
PFC0824DE	24	1630	0 to 9, A to Z
PFC0848DE	48	650	0 to 9, A to Z
PFC0912DE	12	3720	0 to 9, A to Z
PFC0924DE	24	1740	0 to 9, A to Z
PFC0948DE	48	800	0 to 9, A to Z
PFC1212DE	12	4800	0 to 9, A to Z
PFC1212DE-6C1M	12	4800	0 to 9, A to Z, blank or "-"
PFC1212DE-SP13	12	4320	0 to 9, A to Z
PFC1224DE	24	2400	0 to 9, A to Z
PFC1248DE	48	1200	0 to 9, A to Z
PFC1548DG	48	3720	0 to 9, A to Z, blank or "-"
PHB SERIES			
PHB2048LT	48	1500	0 to 9, A to Z
PHB2048MT	48	2600	0 to 9, A to Z
QFR SERIES			
QFR0412GHN	12	720	0 to 9, A to Z, blank or "-"

QFR0412UHN	12	1050	0 to 9, A to Z, blank or "-"
QFR0612DH	12	1100	0 to 9, A to Z, blank or "-"
QFR0612UHE	12	1500	0 to 9, A to Z, blank or "-"
QFR0812SH	12	500	0 to 9, A to Z
QFR0912VH	12	600	0 to 9, A to Z
QFR0912EHE	12	900	0 to 9, A to Z, blank or "-"
QFR0912GHE	12	1430	0 to 9, A to Z, blank or "-"
QFR0912UHE	12	2400	0 to 9, A to Z, blank or "-"
QFR0924EHE	24	450	0 to 9, A to Z, blank or "-"
QFR0924GHE	24	750	0 to 9, A to Z, blank or "-"
QFR0924UHE	24	1200	0 to 9, A to Z, blank or "-"
QFR0948EHE	48	230	0 to 9, A to Z, blank or "-"
QFR0948GHE	48	390	0 to 9, A to Z, blank or "-"
QFR0948UHE	48	600	0 to 9, A to Z, blank or "-"
QFR1212EHE	12	1500	0 to 9, A to Z
QFR1212GHE	12	2700	0 to 9, A to Z
QFR1224EHE	24	750	0 to 9, A to Z, blank or "-"
QFR1224GHE	24	1410	0 to 9, A to Z, blank or "-"
QFR1248EHE	48	390	0 to 9, A to Z, blank or "-"
QFR1248GHE	48	750	0 to 9, A to Z, blank or "-"
SB SERIES			
SB0412H	12	180	R00 RR0 F00
SB0412L	12	100	R00 RR0 F00
SB0412LL	12	80	R00 RR0 F00
SB0412M	12	120	R00 RR0 F00
SB0612H	12	300	R00 RR0 F00
SB0612HD	12	160	R00 RR0 F00
SB0612HH	12	350	R00 RR0 F00
SB0612L	12	180	R00 RR0 F00
SB0612LD	12	120	R00 RR0 F00
SB0612M	12	200	R00 RR0 F00
SB0612MD	12	150	R00 RR0 F00



SB0624H	24	160	R00 RR0 F00
SB0624HD	24	120	R00 RR0 F00
SB0624HH	24	400	R00 RR0 F00
SB0624L	24	100	R00 RR0 F00
SB0624LD	24	80	R00 RR0 F00
SB0624M	24	120	R00 RR0 F00
SB0624MD	24	100	R00 RR0 F00
SB0812H	12	230	R00 RR0 F00
SB0812HH	12	600	R00 RR0 F00
SB0812L	12	100	R00 RR0 F00
SB0812M	12	140	R00 RR0 F00
SB0824H	24	160	R00 RR0 F00
SB0824HH	24	200	R00 RR0 F00
SB0824L	24	70	R00 RR0 F00
SB0824M	24	100	R00 RR0 F00
SB0912H	12	400	R00 RR0 F00
SB0912L	12	240	R00 RR0 F00
SB0912M	12	280	R00 RR0 F00
SB0924H	24	220	R00 RR0 F00
SB0924L	24	140	R00 RR0 F00
SB0924M	24	160	R00 RR0 F00
SB1212H	12	700	R00 RR0 F00
SB1212L	12	350	R00 RR0 F00
SB1212M	12	500	R00 RR0 F00
SB1224H	24	350	R00 RR0 F00
SB1224L	24	200	R00 RR0 F00
SB1224M	24	260	R00 RR0 F00
SFB SERIES			
SFB0112H	12	240	F00, R00, STD
SFB0112HH	12	390	F00, R00, STD

SFB0112M	12	180	F00, R00, STD
SFB0112VH	12	600	F00, R00, STD
SFB0212H	12	510	0 to 9, A to Z
SFB0212H	12	1200	0 to 9, A to Z
SFB0212HH	12	750	0 to 9, A to Z
SFB0212L	12	330	0 to 9, A to Z
SFB0212M	12	540	0 to 9, A to Z
SFB0212VH	12	960	0 to 9, A to Z
SFB0312L	12	530	0 to 9, A to Z
SFB0312M	12	830	0 to 9, A to Z
SFB0312H	12	760	0 to 9, A to Z
SFB0312HH	12	1120	0 to 9, A to Z
SFB0312VH	12	1140	0 to 9, A to Z
SFB0412M	12	1680	0 to 9, A to Z
SFB0412H	12	2520	0 to 9, A to Z
SFB0412HH	12	3720	0 to 9, A to Z
SFB0412VH	12	5520	0 to 9, A to Z

## SUB SERIES

SUB0112H	12	240	F00, R00, STD
SUB0112HH	12	390	F00, R00, STD
SUB0112M	12	180	F00, R00, STD
SUB0112VH	12	600	F00, R00, STD
SUB0212H	12	270	F00, R00
SUB0212HH	12	390	F00, R00
SUB0212M	12	180	F00, R00
SUB0212VH	12	600	F00, R00

Note: Models SUB 0212H/HH/M/VH have Condition of Acceptability; Accessibility to Live Parts to be determined in the end products.

## TFB SERIES

TFB0412VHN	12	500	0 to 9, A to Z
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TFB0412SHN	12	600	0 to 9, A to Z
TFB0412EHN	12	870	0 to 9, A to Z
TFB0512EHF-4M56	12	1000	0 to 9, A to Z
TFB0512SHF	12	600	0 to 9, A to Z
TFB0612EHE	12	1200	0 to 9, A to Z
TFB0612GHE	12	1680	0 to 9, A to Z
TFB0812UHE	12	2340	0 to 9, A to Z
TFB0912EHE	12	1200	0 to 9, A to Z
TFB0912GHE	12	1620	0 to 9, A to Z
TFB0912UHE	12	2280	0 to 9, A to Z
TFB1212EHE	12	2360	F00, R00, STD
TBF1212GHE	12	2940	F00, R00, STD
TFB1212UHE	12	3900	F00, R00, STD
TFB1224EHE	24	1040	F00, R00, STD
TFB1224GHE	24	1440	F00, R00, STD
TFB1248EHE	48	510	F00, R00, STD
TFB1248GHE	48	1000	F00, R00, STD

## TFC SERIES

TFC1212DE	12	3900	F00, R00, STD
TFC1224DE	24	1440	F00, R00, STD
TFC1248DE	48	1000	F00, R00, STD

## WFB SERIES

WFB1212H	12	450	STD R00 F00
WFB1212HE	12	600	STD R00 F00
WFB1212HH	12	610	STD R00 F00
WFB1212HHE	12	1000	STD R00 F00
WFB1212L	12	200	STD R00 F00
WFB1212LE	12	350	STD R00 F00
WFB1212M	12	330	STD R00 F00

WFB1212ME	12	420	STD R00 F00
WFB1212ME-RDA	12	420	-
WFB1212VHE	12	1300	-
WFB1224H	24	300	STD R00 F00
WFB1224HE	24	600	STD R00 F00
WFB1224HH	24	260	STD R00 F00
WFB1224HHE	24	500	STD R00 F00
WFB1224L	24	160	STD R00 F00
WFB1224LE	24	350	STD R00 F00
WFB1224M	24	200	STD R00 F00
WFB1224ME	24	420	STD R00 F00
WFB1224VHE	24	800	STD R00 F00
WFB1248HE	48	200	R00 RR0 F00
WFB1248LE	48	100	R00 RR0 F00
WFB1248ME	48	160	R00 RR0 F00
WFB1248HHE	48	260	STD R00 F00
WFB1248VHE	48	400	STD R00 F00
WFC SERIES:			
WFC1212BE	12	650	R00 RR0 F00
WFC1212B	12	440	R00 RR0 F00
5F175	12	7000	STD, F00, R00

## Notes:

1. Certified only for use as components in other electrical equipment where the suitability of the combination is to be determined by CSA International.
2. Models DTC-AAFXX and DTCAAAXX are identical to model AFC0912D-6C1P except different model number.
3. Model DTC-AALXX is identical to model AFC0912D-6D60 except different model number.
4. Model AFB0912VH-7A21 is identical to model AFB0912VH-4J1X except different model number.
5. Model DTC-AAR01 is identical to model AFC0912D-6C1P except different model number.

6. Model DTC-AAMXX is identical to model AFB0912VH-7A31 except different model number.
7. Model AFC0912D-6G75 is identical to model AFC0912D-6D60 except different model number.
8. Model AFB0912VH-6K44 is identical to model AFB0912VH-7A31 except different model number.
9. Model FFB0612DHE-8F58 is identical to model FFB0612DHE-SM except for different model number.