

## Flange and Hardware Kit Part Numbers - Cast Iron

Cast Iron Model		Pipe Size and Part Number (for single flanges / flange kits)						Hardware kit #	B&G Fastener kit #	Hardware Kit details						
		0.75"	1"	1.25"	1.5"	2.0"	2.5"			3.0"	Qty	Gasket	Qty	Bolts	Qty	Nuts
Astro 20 / 30 / 50 / 70	Flange	116013-011	116012-011	116011-011	116009-011				810120-202	P15696	2	116653-000	4	911123-112	4	913523-100
	Flange kit	816013-111	816012-111	816011-111	816009-111											
E7 / E8 / E9 / E12 / E12-TE / E14 / E14-TE / E15 / E17	Flange	116013-011	116012-011	116011-011	116009-011				810120-244	P64910	2	105176-000	4	911123-112	4	913523-100
	Flange kit	816013-211	816012-211	816011-211	816009-211											
E10 / E11 / E13 / E19 / E21 / E22 / E23 / E24	Flange		106073-011	104300-011	104301-011				810120-204	P64940	2	104034-000	4	911123-114	4	913523-100
	Flange kit		806073-111	804300-111	804301-111											
E16	Flange					106074-011			810120-206	F91600	2	105209-002	8	911125-118	8	913125-100
	Flange kit					806074-111										
E28 / E29	Flange						105188-011		810120-208	P65129	2	105201-000	8	911125-120	8	913125-100
	Flange kit						805188-111									
E30 (2") / E33 (2")	Flange					106074-011			810120-212	N/A	2	116117-000	8	911125-118	8	913125-100
	Flange kit					806074-111										
E30 (3") / E33 (3")	Flange						105188-011		810120-208	P65129	2	105201-000	8	911125-120	8	913125-100
	Flange kit						805188-111									
H-32 BF	Flange		106073-011	104300-011	104301-011				810120-218	P64930	2	105176-001	4	911123-114	4	913523-100
	Flange kit		N/A	N/A	N/A											
H-41 BF	Flange		116012-011						810120-210	P64230	2	105176-000	2	911123-114	2	913523-100
	Flange kit		N/A													
H-51 BF	Flange		116012-011						810120-218	N/A	2	105176-001	4	911123-114	4	913523-100
	Flange kit		816012-211													
H-52 BF	Flange			116011-011					810120-218	P64910	2	105176-001	4	911123-114	4	913523-100
	Flange kit			816011-211												
H-53 BF	Flange				N/A				810120-218	P64930	2	105176-001	4	911123-114	4	913523-100
	Flange kit				816009-111											
H-54 BF	Flange					106074-011			810120-212	N/A	2	116117-000	8	911125-118	8	913125-100
	Flange kit					806074-111										
H-63 BF / H-64 BF / H-65 BF	Flange				104301-011				810120-204	N/A	2	104034-000	4	911123-114	4	913523-100
	Flange kit				804301-111											
H-66 BF / H-67 BF / H-68 BF	Flange					106074-011			810120-212	N/A	2	116117-000	8	911125-118	8	913125-100
	Flange kit					806074-111										
S-25 BF	Flange	116013-011	116012-011	116011-011	116009-011				810120-202	P15696	2	116653-000	4	911123-112	4	913523-100
	Flange kit	816013-111	816012-111	816011-111	816009-111											
S-35 BF	Flange					105210-011			810120-206	F91600	2	105209-002	8	911125-118	8	913125-100
	Flange kit					N/A										
S-45 BF	Flange						105189-011	105188-011	810120-208	P65129	2	105201-000	8	911125-120	8	913125-100
	Flange kit						N/A	N/A								
S-46 BF / S-55 BF / S-57 BF	Flange							105188-011	810120-208	P65129	2	105201-000	8	911125-120	8	913125-100
	Flange kit							N/A								
S-69 BF	Flange							133615-010	810120-214	P09540	2	105201-000	8	911129-120	8	913129-100
	Flange kit							N/A	(A hardware kit is included in each flange kit.)							

## Flange and Hardware Kit Part Numbers - Bronze

Bronze Model		Pipe Size and Part Number (for single flanges / flange kits)						Hardware kit #	B&G Fastener kit #	Hardware Kit details						
		0.75"	1"	1.25"	1.5"	2.0"	2.5"			3.0"	Qty	Gasket	Qty	Bolts	Qty	Nuts
Astro 20B / 30B / 50B / 70B	Flange	116013-041	116012-041	116011-041	116009-041				810120-202	P15696	2	116653-000	4	911123-112	4	913523-100
	Flange kit	816013-141	816012-141	816011-141	816009-141											
E7B / E8B / E9B / E12B / E14B / E12B-TE / E14B-TE / E15B / E17B	Flange	116013-041	116012-041	116011-041	116009-041				810120-244	P64910	2	105176-000	4	911123-112	4	913523-100
	Flange kit	816013-241	816012-241	816011-241	816009-241											
E10B / E11B / E13B / E19B / E21B / E22B / E23B / E24B	Flange		106073-041	104300-041	104301-041				810120-204	P64940	2	104034-000	4	911123-114	4	913523-100
	Flange kit		806073-141	804300-141	804301-141											
E16B	Flange					106074-041			810120-206	F91600	2	105209-002	8	911125-118	8	913125-100
	Flange kit					806074-141										
E28B / E29B							105188-041		810120-208	P65129	2	105201-000	8	911125-120	8	913125-100
							805188-141									
E30B (2") / E33B (2")	Flange					106074-041			810120-212	N/A	2	116117-000	8	911125-118	8	913125-100
	Flange kit					806074-141										
E30B (3") / E33B (3")							105188-041		810120-208	P65129	2	105201-000	8	911125-120	8	913125-100
							805188-141									
H-32 AB	Flange		106073-041	104300-041	104301-041				810120-218	P64930	2	105176-001	4	911123-114	4	913523-100
	Flange kit		N/A	N/A	N/A											
H-41 AB	Flange		116012-041						810120-210	P64230	2	105176-000	2	911123-114	2	913523-100
	Flange kit		N/A													
H-51 AB	Flange		116012-041						810120-218	N/A	2	105176-001	4	911123-114	4	913523-100
	Flange kit		816012-241													
H-52 AB	Flange			116011-041					810120-218	P64910	2	105176-001	4	911123-114	4	913523-100
	Flange kit			816011-241												
H-53 AB	Flange				N/A				810120-218	P64930	2	105176-001	4	911123-114	4	913523-100
	Flange kit				816009-141											
H-54 AB	Flange					106074-041			810120-212	N/A	2	116117-000	8	911125-118	8	913125-100
	Flange kit					806074-141										
H-63 AB / H-64 AB / H-65 AB	Flange				104301-041				810120-204	N/A	2	104034-000	4	911123-114	4	913523-100
	Flange kit				804301-141											
H-66 AB / H-67 AB / H-68 AB	Flange					106074-041			810120-212	N/A	2	116117-000	8	911125-118	8	913125-100
	Flange kit					806074-141										
S-25 AB	Flange	116013-041	116012-041	116011-041	116009-041				810120-202	P15696	2	116653-000	4	911123-112	4	913523-100
	Flange kit	816013-141	816012-141	816011-141	816009-141											
S-35 AB	Flange					105210-041			810120-206	F91600	2	105209-002	8	911125-118	8	913125-100
	Flange kit					N/A										
S-45 AB	Flange						105189-041	105188-041	810120-208	P65129	2	105201-000	8	911125-120	8	913125-100
	Flange kit						N/A	N/A								
S-46 AB / S-55 AB / S-57 AB	Flange							105188-041	810120-208	P65129	2	105201-000	8	911125-120	8	913125-100
	Flange kit							N/A								
S-69 AB	Flange					106466-041			810120-214	P09540	2	105201-000	8	911129-120	8	913129-100
	Flange kit								N/A	(A hardware kit is included in each flange kit.)						

# ARMSTRONG

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 DATE: New

**810120-202 HARDWARE KIT**

Part #	Description	Qty.	Pump Model
116653-000	gasket flange	2	S-25
911123-112	hhcs 7/16-14 x 1.5" lcs	4	Astro 20, Astro 30, Astro 50
913523-100	hh jam nut 7/16-14 lcs	4	

**810120-212 HARDWARE KIT**

Part #	Description	Qty.	Pump Model
116117-000	gasket flange	2	H-54, H-66
911125-118	hhcs 1/2-13 x 2.25" lcs	8	H-67, H-68
913125-100	hh nut 1/2-13 lcs	8	4360-2B, 1050-2B

**810120-204 HARDWARE KIT**

Part #	Description	Qty.	Pump Model
104034-000	gasket flange	2	H-63, H-64, H-65
911123-114	hhcs 7/16-14 x 1.75" lcs	4	E10, E11, E13
913523-100	hh jam nut 7/16-14 lcs	4	

**810120-214 HARDWARE KIT**

Part #	Description	Qty.	Pump Model
105201-000	gasket flange	2	S-69
911129-120	hhcs 5/8-11 x 2-1/2" lcs	8	
913129-100	hh nut 5/8-11 unc	8	

**810120-206 HARDWARE KIT**

Part #	Description	Qty.	Pump Model
105209-002	gasket flange	2	S-35
911125-118	hhcs 1/2-13 x 2.25" lcs	8	E16, E30, E33
913125-100	hh nut 1/2-13 lcs	8	

**810120-216 HARDWARE KIT**

Part #	Description	Qty.	Pump Model
426410-008	gasket flange	2	1060-3D
911129-120	hhcs 5/8-11 x 2-1/2" lcs	8	
913129-100	hh nut 5/8-11 unc	8	

**810120-208 HARDWARE KIT**

Part #	Description	Qty.	Pump Model
105201-000	gasket flange	2	S-45, S-46
911125-120	hhcs 1/2-13 x 2.5" lcs	8	S-55, S-57
913125-100	hh nut 1/2-13 lcs	8	

**810120-218 HARDWARE KIT**

Part #	Description	Qty.	Pump Model
105176-001	gasket flange	2	H-32, H-51, H-52, H-53
911123-114	hhcs 7/16-14 x 1.75" lcs	4	E7, E8, E9, E12, E14
913523-100	hh jam nut 7/16-14 lcs	4	4360-1.25B, 4360-1.5B, 4360-2B

**810120-210 HARDWARE KIT**

Part #	Description	Qty.	Pump Model
105176-000	gasket flange	2	H-41
911123-114	hhcs 7/16-14 x 1.75" lcs	4	
913523-100	hh jam nut 7/16-14 lcs	4	

**810120-244 HARDWARE KIT**

Part #	Description	Qty.	Pump Model
105176-000	gasket flange	2	
911123-112	hhcs 7/16-14 x 1.5" lcs	4	E7, E8, E9, E12, E14
913523-100	hh jam nut 7/16-14 lcs	4	

# ARMSTRONG

FILE NO.: 6010.28  
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## Circulator Flange Dimensions

Individual flanges								
Armstrong		Bell & Gossett		Dimensions				Diagram
Cast iron	Bronze	Cast iron	Bronze	A	B	C	D	
104300-011	104300-041	P03300	P06660	1 1/4"	3 7/16"	4 3/4"	1/2"	1
104301-011	104301-041	P03410	P06690	1 1/2"	3 7/16"	4 3/4"	1/2"	1
105188-011	105188-041	F74000	F74800	3"	5 1/16"	6"	9/16"	2
105189-011	105189-041	P03560	P06750	2 1/2"	5 1/16"	6"	9/16"	2
105210-011	105210-041	---	---	2"	3 3/4"	4 7/8"	9/16"	2
106073-011	106073-041	P01500	P06620	1"	3 7/16"	4 3/4"	1/2"	1
106074-011	106074-041	---	---	2"	3 5/32"	5 1/8"	5/8"	2
116009-011	116009-041	P03430	P03450	1 1/2"	3 5/32"	4 1/4"	1/2"	1
116011-011	116011-041	P03250	P06640	1 1/4"	3 5/32"	4 1/4"	1/2"	1
116012-011	116012-041	P01510	---	1"	3 5/32"	4 1/4"	1/2"	1
116013-011	116013-041	P00740	---	3/4"	3 5/32"	4 1/4"	1/2"	1
133615-010	106466-041	A24600	---	3"	6"	7 1/2"	3/4"	2

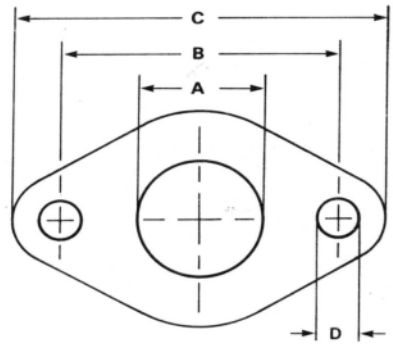


Diagram 1

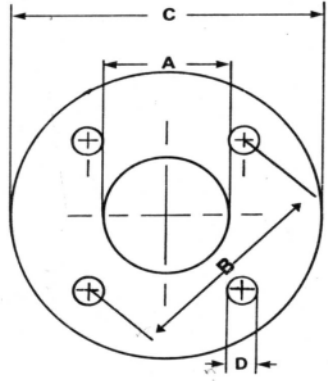


Diagram 2