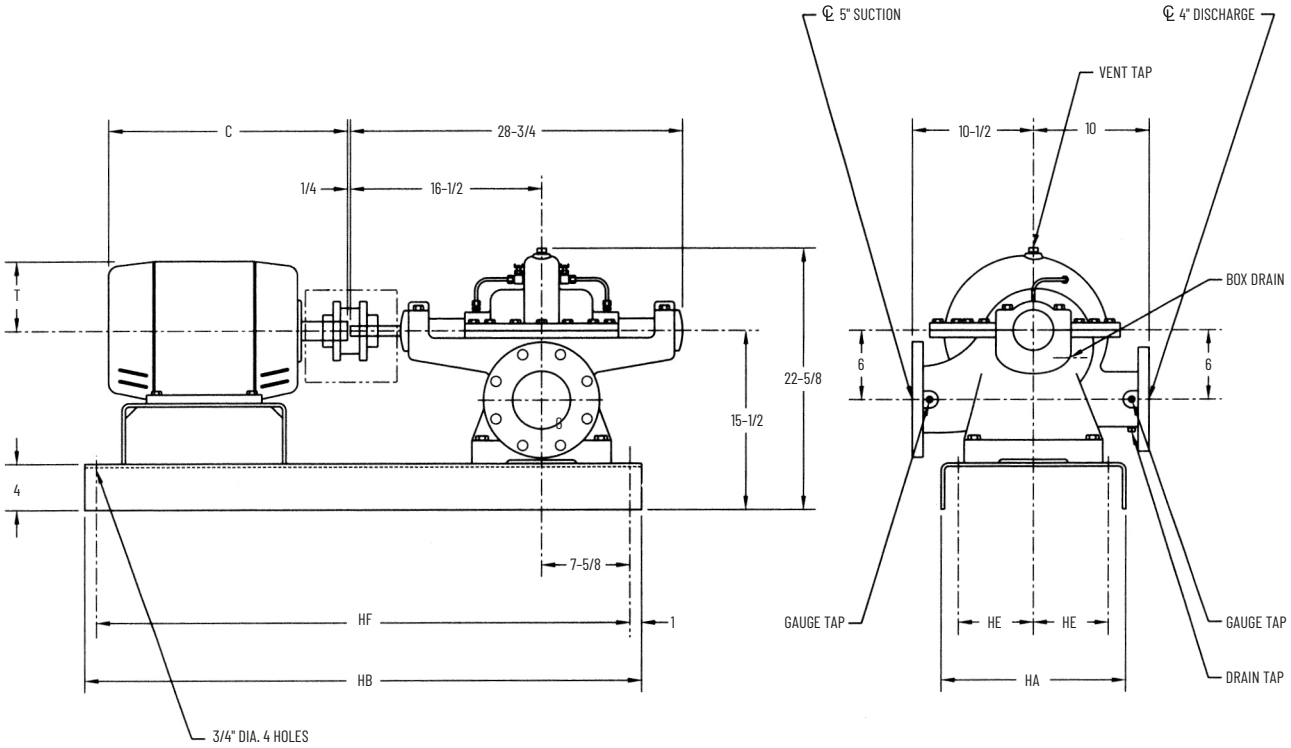
Typical Specifications – SETTING PLAN 4" 5821 BENT FORM BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
145T	16	42	6-1/2	40	12-5/8	3-5/8
182T	16	42	6-1/2	40	13-3/4	4-3/4
184T	16	42	6-1/2	40	14-3/4	4-3/4

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
213T	16	48	6-1/2	46	16	5-1/8
215T	16	48	6-1/2	46	17-1/2	5-1/8
254T	16	48	6-1/2	46	20-5/8	6-3/8

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

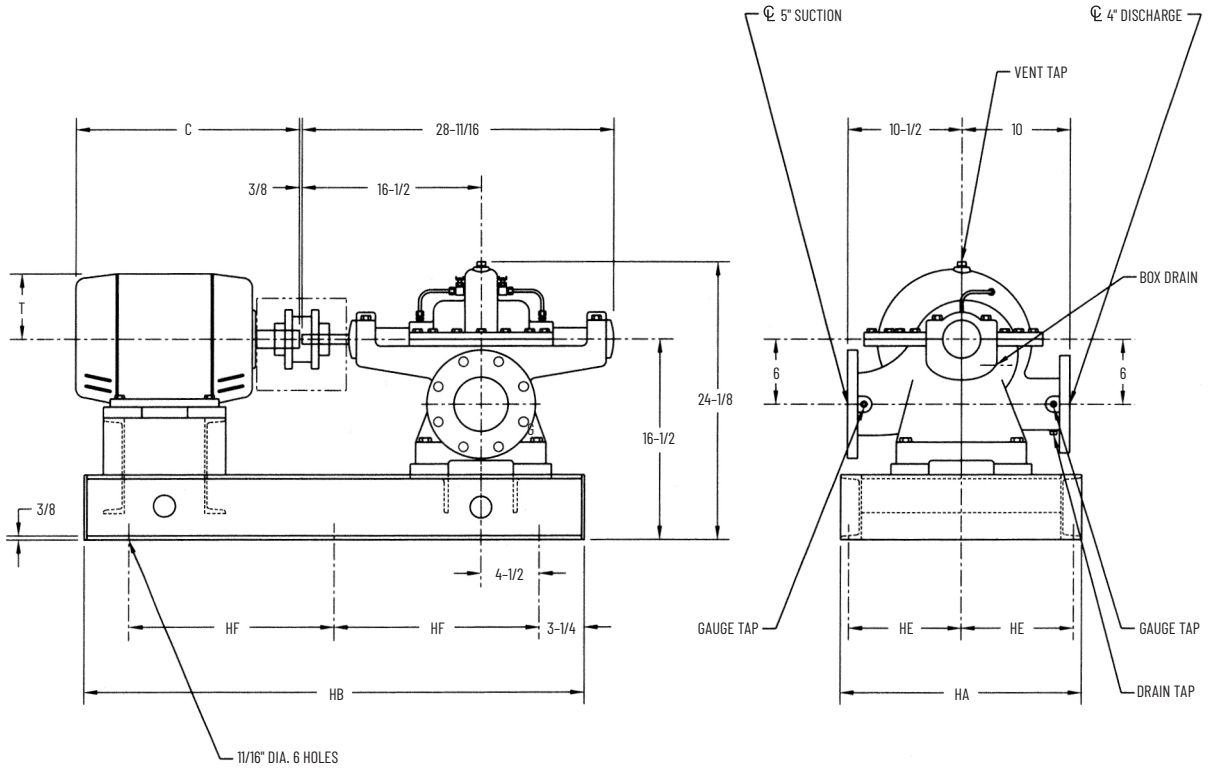
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 4" 5821 OPTIONAL STRUCTURAL BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
145T	22-1/4	36-1/2	10-1/2	15	12-5/8	3-5/8
182T	22-1/4	42-1/2	10-1/2	18	13-3/4	4-3/4
184T	22-1/4	42-1/2	10-1/2	18	14-3/4	4-3/4

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
213T	22-1/4	42-1/2	10-1/2	18	16	5-1/8
215T	22-1/4	42-1/2	10-1/2	18	17-1/2	5-1/8
254T	22-1/4	48-1/2	10-1/2	21	20-5/8	6-3/8

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

All dimensions are in inches unless noted.

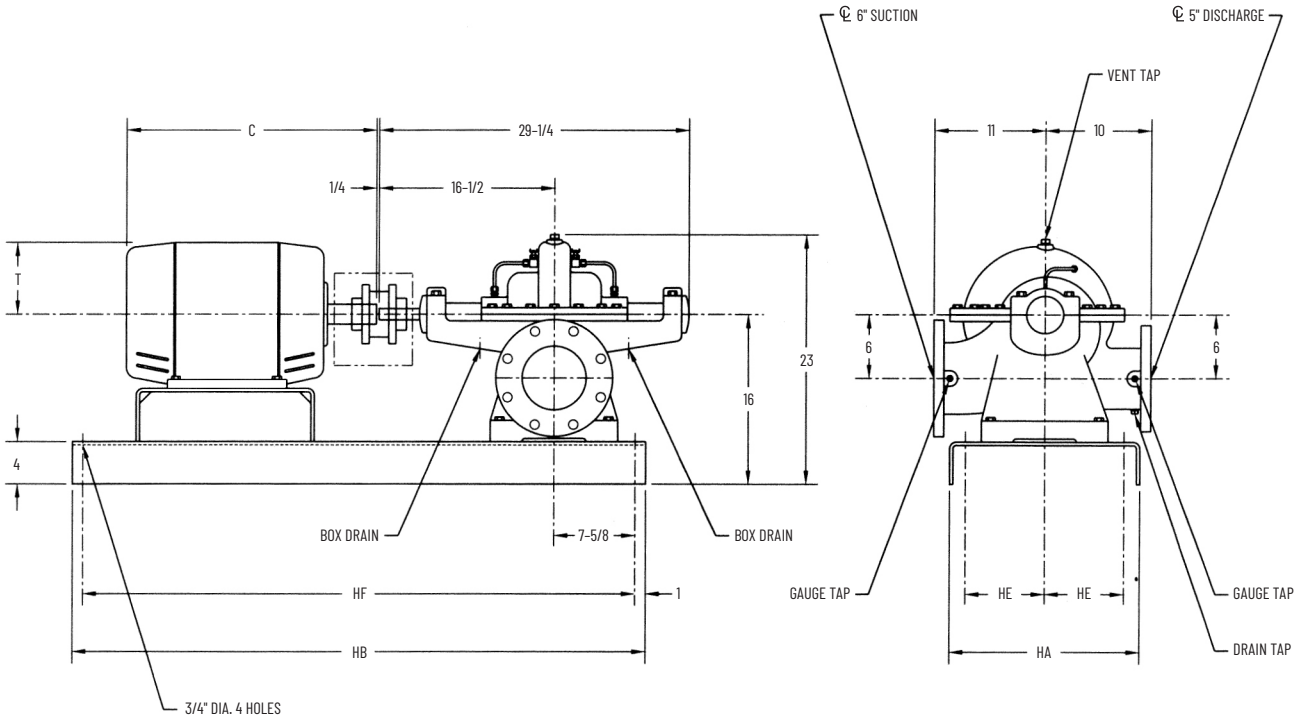
Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Only one HF space is used.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 5" 5821 BENT FORM BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
145T	16	42	6-1/2	40	12-5/8	3-5/8
182T	16	42	6-1/2	40	13-3/4	4-3/4
184T	16	42	6-1/2	40	14-3/4	4-3/4
213T	16	48	6-1/2	46	16	5-1/8
215T	16	48	6-1/2	46	17-1/2	5-1/8

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
254T	16	48	6-1/2	46	20-5/8	6-3/8
256T	16	48	6-1/2	46	22-3/8	6-3/8
284TS	18	54	7-1/2	52	22-1/8	7
284T	18	54	7-1/2	52	23-1/2	7

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

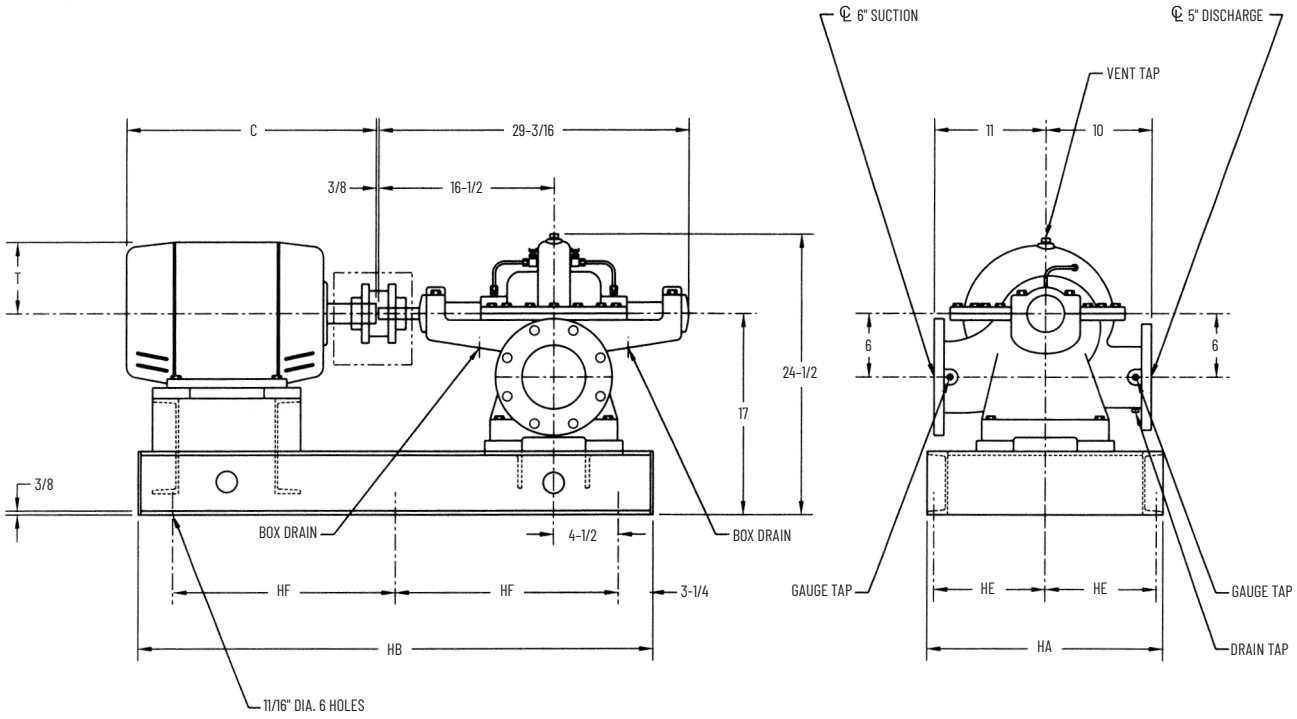
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 5" 5821 OPTIONAL STRUCTURAL BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
145T	22-1/4	36-1/2	10-1/2	15	12-5/8	3-5/8
182T	22-1/4	42-1/2	10-1/2	18	13-3/4	4-3/4
184T	22-1/4	42-1/2	10-1/2	18	14-3/4	4-3/4
213T	22-1/4	42-1/2	10-1/2	18	16	5-1/8
215T	22-1/4	42-1/2	10-1/2	18	17-1/2	5-1/8

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
254T	22-1/4	48-1/2	10-1/2	21	20-5/8	6-3/8
256T	22-1/4	48-1/2	10-1/2	21	22-3/8	6-3/8
284TS	22-1/4	48-1/2	10-1/2	21	22-1/8	7
284T	22-1/4	48-1/2	10-1/2	21	23-1/2	7

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

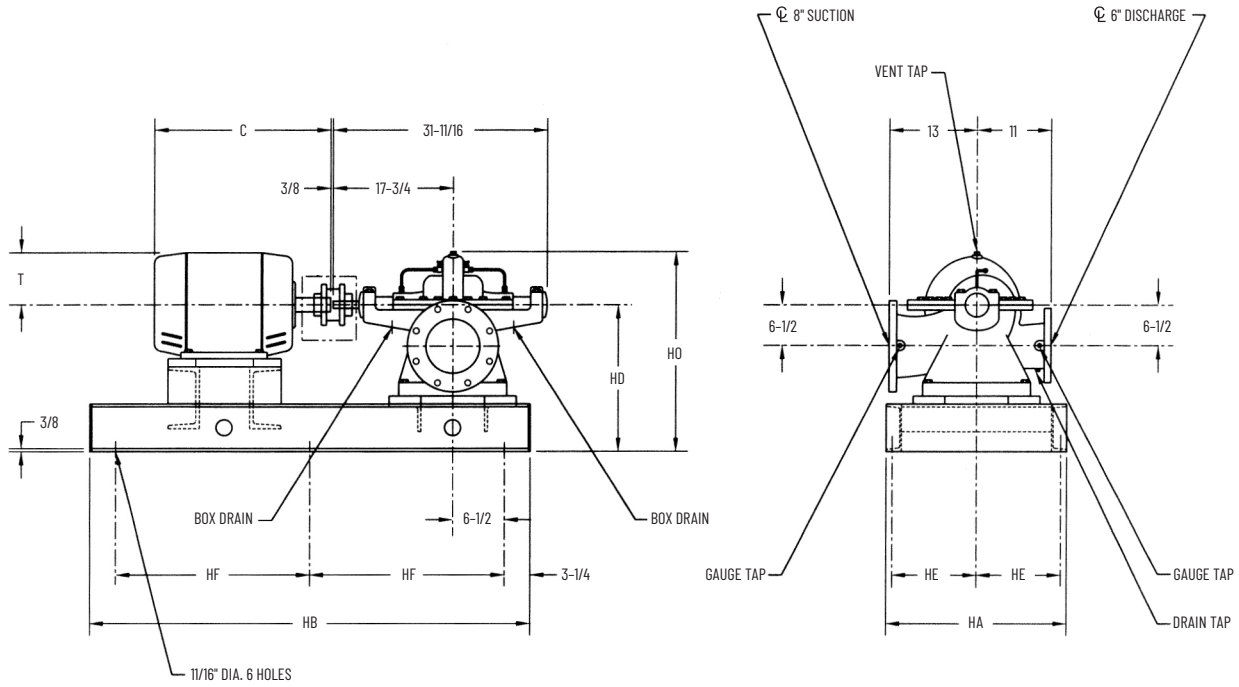
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 6" 5821 STRUCTURAL BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS								
MOTOR FRAME SIZE	BASE						MOTOR	
	HA	HB	HD	HE	HF	HO	C	T
213T	22-1/4	42-1/2	18-1/2	10-1/2	18	26-7/8	16	5-1/8
215T	22-1/4	48-1/2	18-1/2	10-1/2	21	26-7/8	17-1/2	5-1/8
254T	22-1/4	48-1/2	18-1/2	10-1/2	21	26-7/8	20-5/8	6-3/8
256T	22-1/4	48-1/2	18-1/2	10-1/2	21	26-7/8	22-3/8	6-3/8
284TS	22-3/4	54-1/2	20-1/2	10-5/8	24	28-7/8	22-1/8	7

UNIT DIMENSIONS								
MOTOR FRAME SIZE	BASE						MOTOR	
	HA	HB	HD	HE	HF	HO	C	T
284T	22-3/4	54-1/2	20-1/2	10-5/8	24	28-7/8	23-1/2	7
286TS	22-3/4	54-1/2	20-1/2	10-5/8	24	28-7/8	23-5/8	7
286T	22-3/4	54-1/2	20-1/2	10-5/8	24	28-7/8	25	7
324TS	22-3/4	54-1/2	20-1/2	10-5/8	24	28-7/8	24-5/8	8
324T	22-3/4	54-1/2	20-1/2	10-5/8	24	28-7/8	26-1/8	8

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

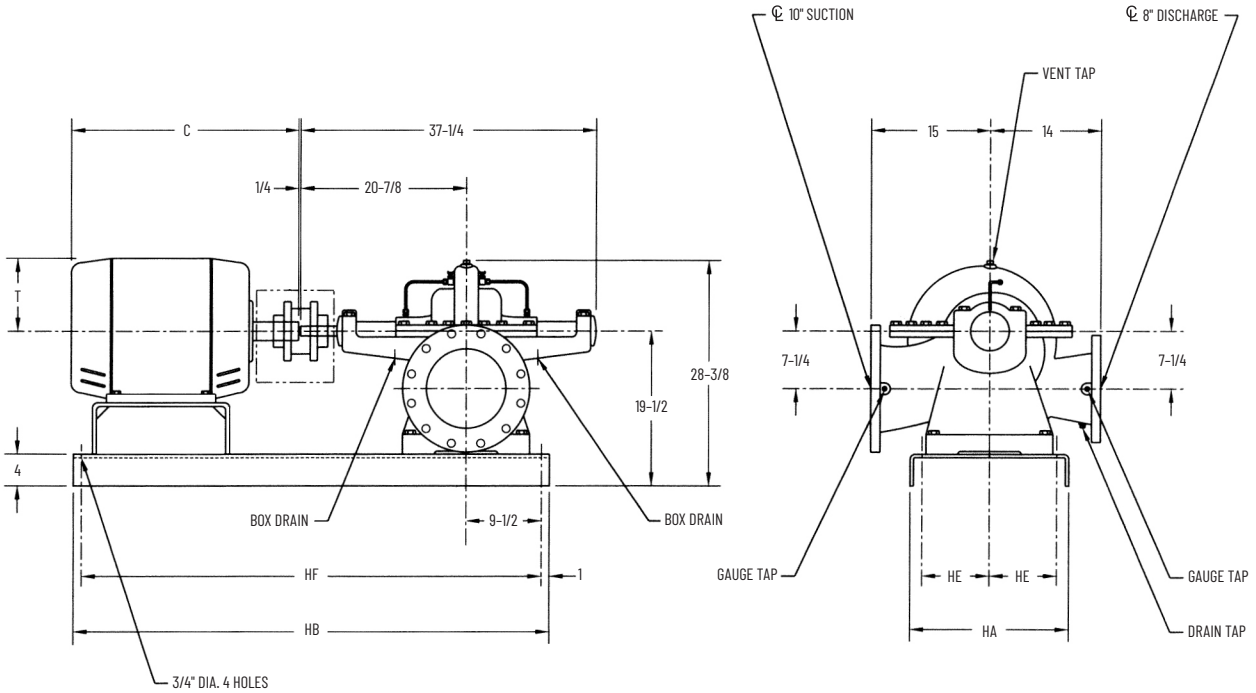
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 8" 5821 BENT FORM BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
215T	18	54	7-1/2	52	17-1/2	5-1/8
254T	18	54	7-1/2	52	20-5/8	6-3/8
256T	18	54	7-1/2	52	22-3/8	6-3/8
284TS	20	60	8-1/2	58	22-1/8	7
284T	20	60	8-1/2	58	23-1/2	7
286TS	20	60	8-1/2	58	23-5/8	7
286T	20	60	8-1/2	58	25	7

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
324TS	20	60	8-1/2	58	24-5/8	8
324T	20	60	8-1/2	58	26-1/8	8
326TS	20	60	8-1/2	58	26-1/8	8
326T	20	60	8-1/2	58	27-5/8	8
364TS	20	60	8-1/2	58	26-5/8	9-1/4
364T	20	60	8-1/2	58	28-3/4	9-1/4

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

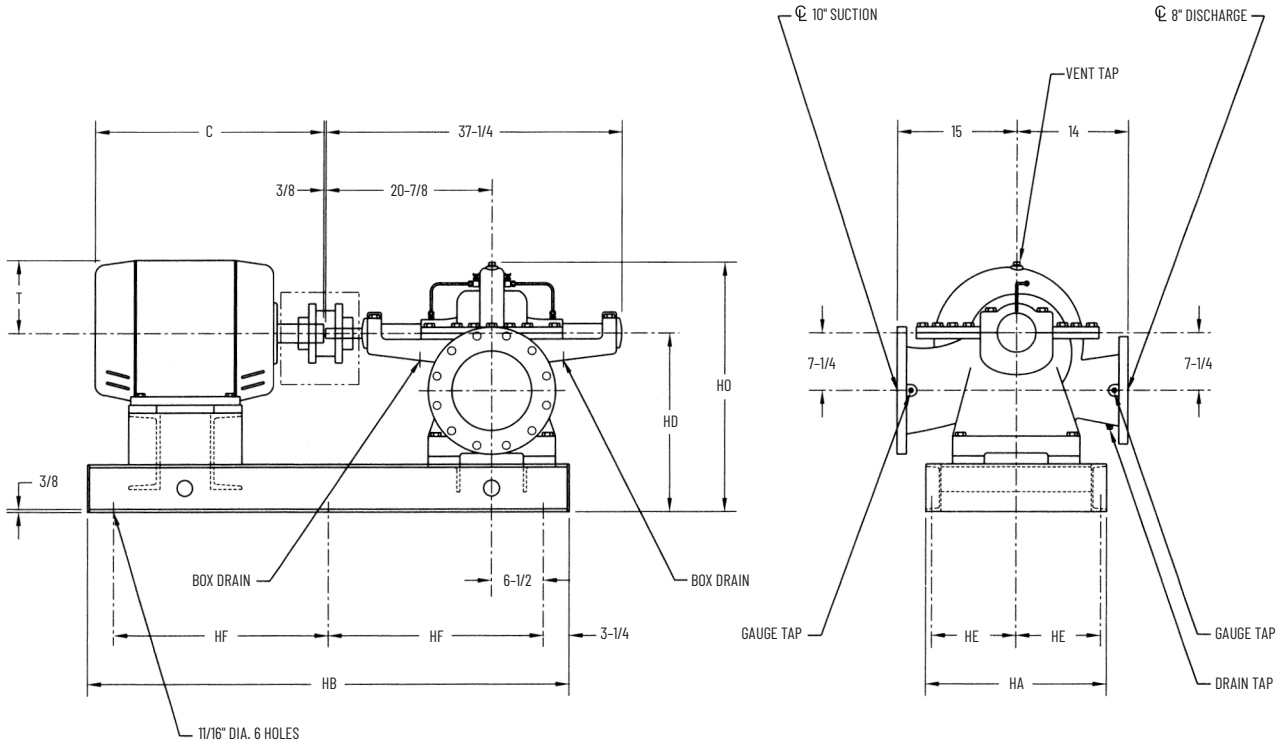
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 8" 5821 OPTIONAL STRUCTURAL BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS								
MOTOR FRAME SIZE	BASE						MOTOR	
	HA	HB	HD	HE	HF	HO	C	T
215T	22-1/4	48-1/2	20-1/2	10-1/2	21	30	17-1/2	5-1/8
254T	22-3/4	54-1/2	22-1/2	10-5/8	24	32	20-5/8	6-3/8
256T	22-3/4	54-1/2	22-1/2	10-5/8	24	32	22-3/8	6-3/8
284TS	22-3/4	54-1/2	22-1/2	10-5/8	24	32	22-1/8	7
284T	22-3/4	54-1/2	22-1/2	10-5/8	24	32	23-1/2	7
286TS	22-3/4	54-1/2	22-1/2	10-5/8	24	32	23-5/8	7
286T	22-3/4	54-1/2	22-1/2	10-5/8	24	32	25	7

UNIT DIMENSIONS								
MOTOR FRAME SIZE	BASE						MOTOR	
	HA	HB	HD	HE	HF	HO	C	T
324TS	22-3/4	54-1/2	22-1/2	10-5/8	24	32	24-5/8	8
324T	22-3/4	54-1/2	22-1/2	10-5/8	24	32	26-1/8	8
326TS	22-3/4	60-1/2	22-1/2	10-5/8	24	32	26-1/8	8
326T	22-3/4	60-1/2	22-1/2	10-5/8	27	32	27-5/8	8
364TS	22-3/4	60-1/2	22-1/2	10-5/8	27	32	26-5/8	9-1/4
364T	22-3/4	60-1/2	22-1/2	10-5/8	27	32	28-3/4	9-1/4

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

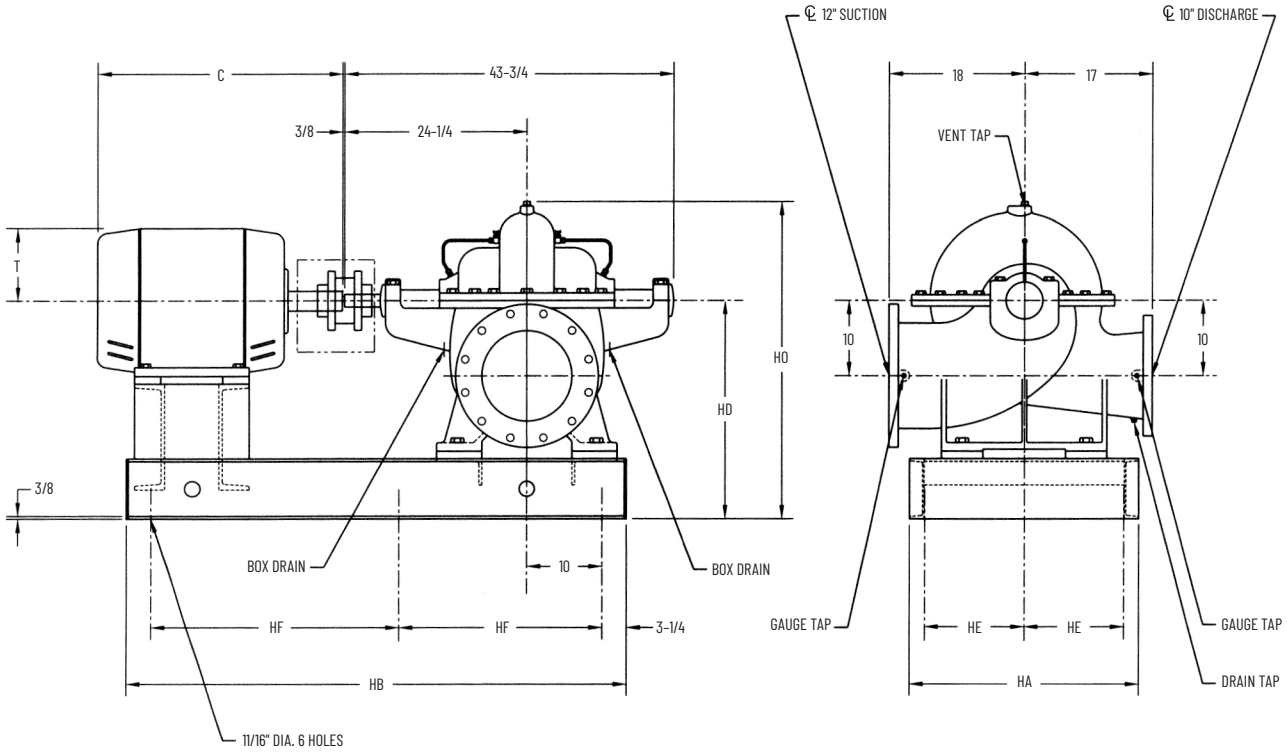
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 10" 5821 STRUCTURAL BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS								
MOTOR FRAME SIZE	BASE						MOTOR	
	HA	HB	HD	HE	HF	HO	C	T
284TS	30-1/2	60-1/2	27	14-1/2	27	41-7/8	22-1/8	7
284T	30-1/2	60-1/2	27	14-1/2	27	41-7/8	23-1/2	7
286TS	30-1/2	60-1/2	27	14-1/2	27	41-7/8	23-5/8	7
286T	30-1/2	60-1/2	27	14-1/2	27	41-7/8	25	7
324TS	30-1/2	66-1/2	27	14-1/2	30	41-7/8	24-5/8	8
324T	30-1/2	66-1/2	27	14-1/2	30	41-7/8	26-1/8	8
326TS	30-1/2	66-1/2	27	14-1/2	30	41-7/8	26-1/8	8

UNIT DIMENSIONS								
MOTOR FRAME SIZE	BASE						MOTOR	
	HA	HB	HD	HE	HF	HO	C	T
326T	30-1/2	66-1/2	27	14-1/2	30	41-7/8	27-5/8	8
364TS	30-1/2	66-1/2	27	14-1/2	30	41-7/8	26-5/8	9-1/4
364T	30-1/2	66-1/2	27	14-1/2	30	41-7/8	28-3/4	9-1/4
365TS	30-1/2	66-1/2	27	14-1/2	30	41-7/8	27-5/8	9-1/4
365T	30-1/2	66-1/2	27	14-1/2	30	41-7/8	29-3/4	9-1/4
404TS	30-1/2	66-1/2	27	14-1/2	30	41-7/8	29-5/8	10-1/4
404T	30-1/2	66-1/2	27	14-1/2	30	41-7/8	32-5/8	10-1/4

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

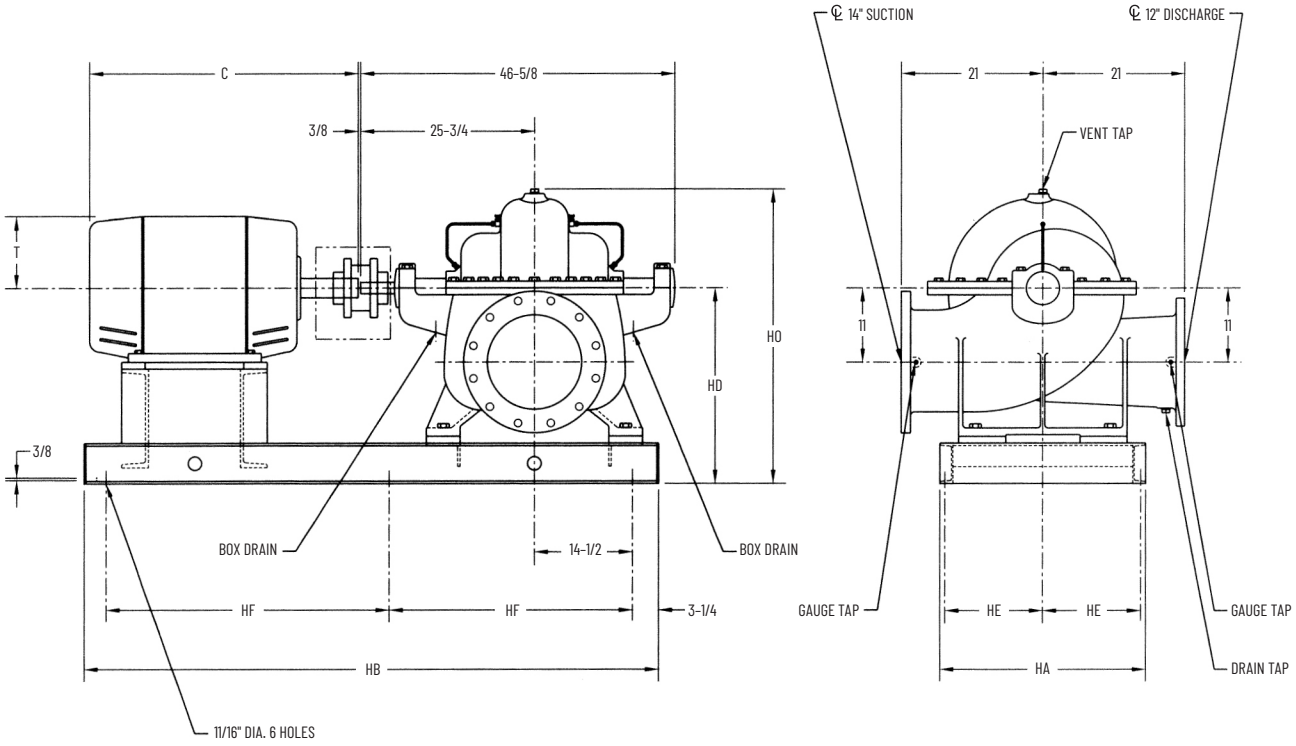
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 12" 5821 STRUCTURAL BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS								
MOTOR FRAME SIZE	BASE						MOTOR	
	HA	HB	HD	HE	HF	HO	C	T
286TS	30-1/2	66-1/2	29	14-1/2	30	46-3/8	23-5/8	7
286T	30-1/2	66-1/2	29	14-1/2	30	46-3/8	25	7
324TS	31-1/4	72-1/2	31	14-3/4	33	48-3/8	24-5/8	8
324T	31-1/4	72-1/2	31	14-3/4	33	48-3/8	26-1/8	8
326TS	31-1/4	72-1/2	31	14-3/4	33	48-3/8	26-1/8	8
326T	31-1/4	72-1/2	31	14-3/4	33	48-3/8	27-5/8	8
364TS	31-1/4	72-1/2	31	14-3/4	33	48-3/8	26-5/8	9-1/4
364T	31-1/4	72-1/2	31	14-3/4	33	48-3/8	28-3/4	9-1/4
365TS	31-1/4	72-1/2	31	14-3/4	33	48-3/8	27-5/8	9-1/4

UNIT DIMENSIONS								
MOTOR FRAME SIZE	BASE						MOTOR	
	HA	HB	HD	HE	HF	HO	C	T
365T	31-1/4	72-1/2	31	14-3/4	33	48-3/8	29-3/4	9-1/4
404TS	31-1/4	72-1/2	31	14-3/4	33	48-3/8	29-5/8	10-1/4
404T	31-1/4	72-1/2	31	14-3/4	33	48-3/8	32-5/8	10-1/4
405TS	31-1/4	84-1/2	31	14-3/4	39	48-3/8	31-1/8	10-1/4
405T	31-1/4	84-1/2	31	14-3/4	39	48-3/8	34-1/8	10-1/4
444TS	31-1/4	84-1/2	31	14-3/4	39	48-3/8	34-1/8	11-1/4
444T	31-1/4	84-1/2	31	14-3/4	39	48-3/8	37-7/8	11-1/4
445TS	31-1/4	84-1/2	31	14-3/4	39	48-3/8	36-1/8	11-1/4
445T	31-1/4	84-1/2	31	14-3/4	39	48-3/8	39-7/8	11-1/4

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

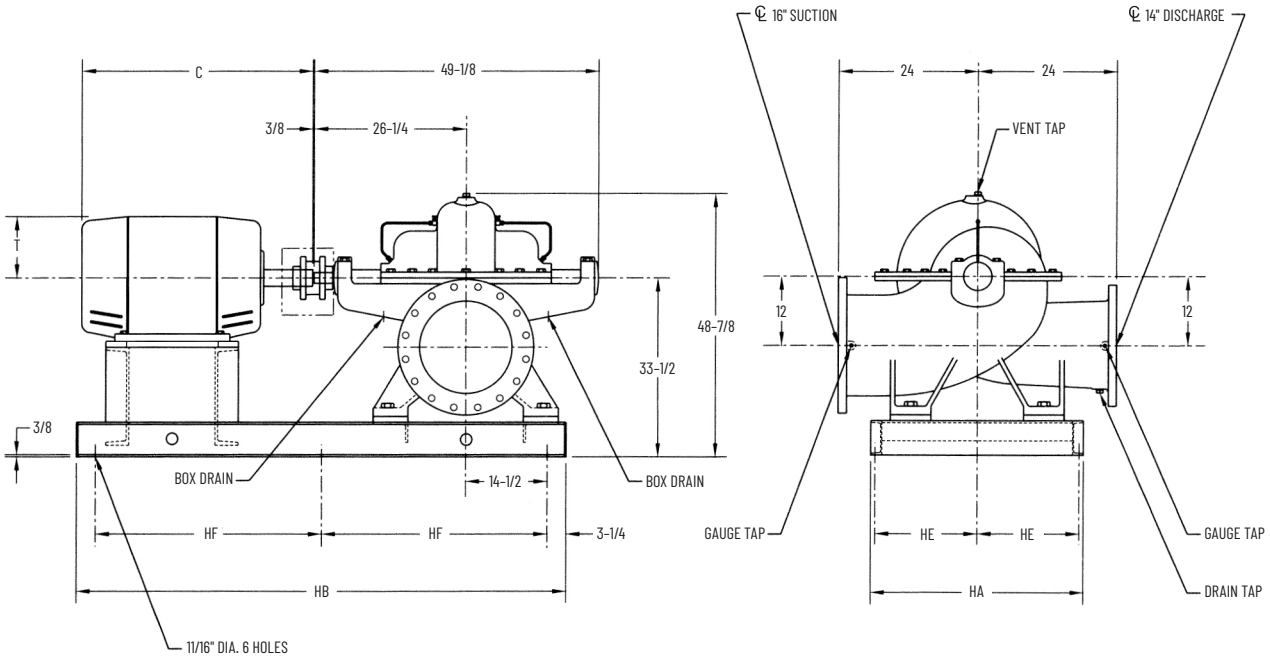
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 14" 5821 STRUCTURAL BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
364TS	36-3/4	72-1/2	17-1/2	33	26-5/8	9-1/4
364T	36-3/4	72-1/2	17-1/2	33	28-3/4	9-1/4
365TS	36-3/4	72-1/2	17-1/2	33	27-5/8	9-1/4
365T	36-3/4	72-1/2	17-1/2	33	29-3/4	9-1/4
404TS	36-3/4	84-1/2	17-1/2	39	29-5/8	10-1/4
404T	36-3/4	84-1/2	17-1/2	39	32-5/8	10-1/4

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
405TS	36-3/4	84-1/2	17-1/2	39	31-1/8	10-1/4
405T	36-3/4	84-1/2	17-1/2	39	34-1/8	10-1/4
444TS	36-3/4	84-1/2	17-1/2	39	34-1/8	11-1/4
444T	36-3/4	84-1/2	17-1/2	39	37-7/8	11-1/4
445TS	36-3/4	84-1/2	17-1/2	39	36-1/8	11-1/4
445T	36-3/4	84-1/2	17-1/2	39	39-7/8	11-1/4

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

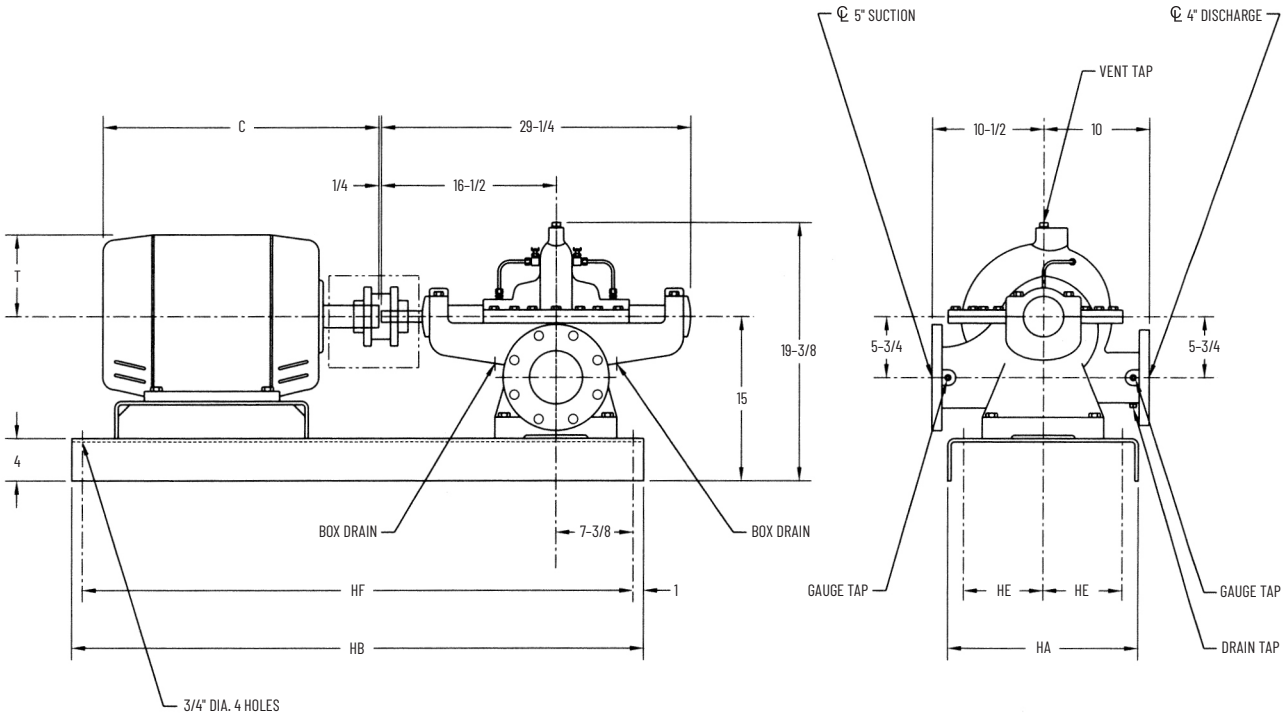
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 4" 5822 BENT FORM BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
184T	16	42	6-1/2	40	14-3/4	4-3/4
213T	16	48	6-1/2	46	16	5-1/8
215T	16	48	6-1/2	46	17-1/2	5-1/8
254T	16	48	6-1/2	46	20-5/8	6-3/8
256T	16	48	6-1/2	46	22-3/8	6-3/8
284TS	18	54	7-1/2	52	22-1/8	7

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
284T	18	54	7-1/2	52	23-1/2	7
286TS	18	54	7-1/2	52	23-5/8	7
286T	18	54	7-1/2	52	25	7
324TS	18	54	7-1/2	52	24-5/8	8
324T	18	54	7-1/2	52	26-1/8	8

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

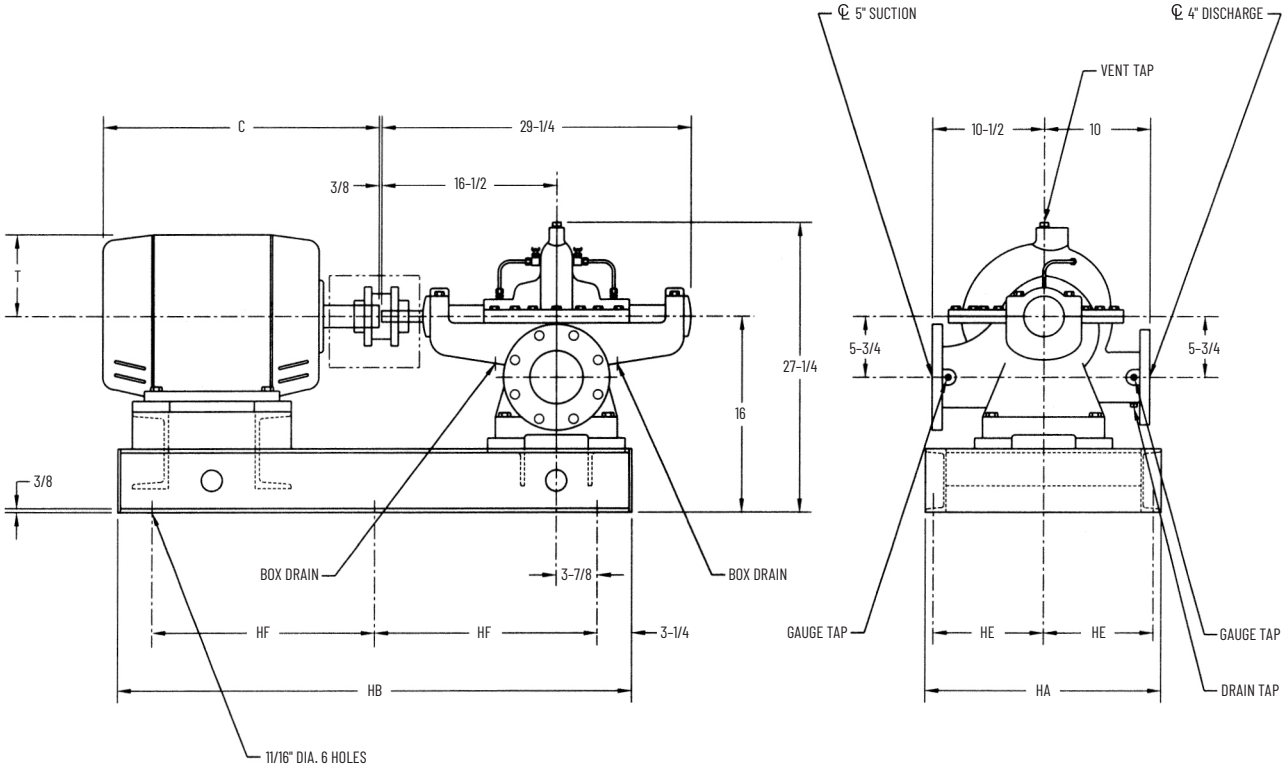
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 4" 5822 OPTIONAL STRUCTURAL BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
184T	22-1/4	36-1/2	10-1/2	15	14-3/4	4-3/4
213T	22-1/4	42-1/2	10-1/2	18	16	5-1/8
215T	22-1/4	42-1/2	10-1/2	18	17-1/2	5-1/8
254T	22-1/4	42-1/2	10-1/2	18	20-5/8	6-3/8
256T	22-1/4	48-1/2	10-1/2	21	22-3/8	6-3/8
284TS	22-1/4	48-1/2	10-1/2	21	22-1/8	7

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
284T	22-1/4	48-1/2	10-1/2	21	23-1/2	7
286TS	22-1/4	48-1/2	10-1/2	21	23-5/8	7
286T	22-1/4	48-1/2	10-1/2	21	25	7
324TS	22-1/4	48-1/2	10-1/2	21	24-5/8	8
324T	22-1/4	48-1/2	10-1/2	21	26-1/8	8

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

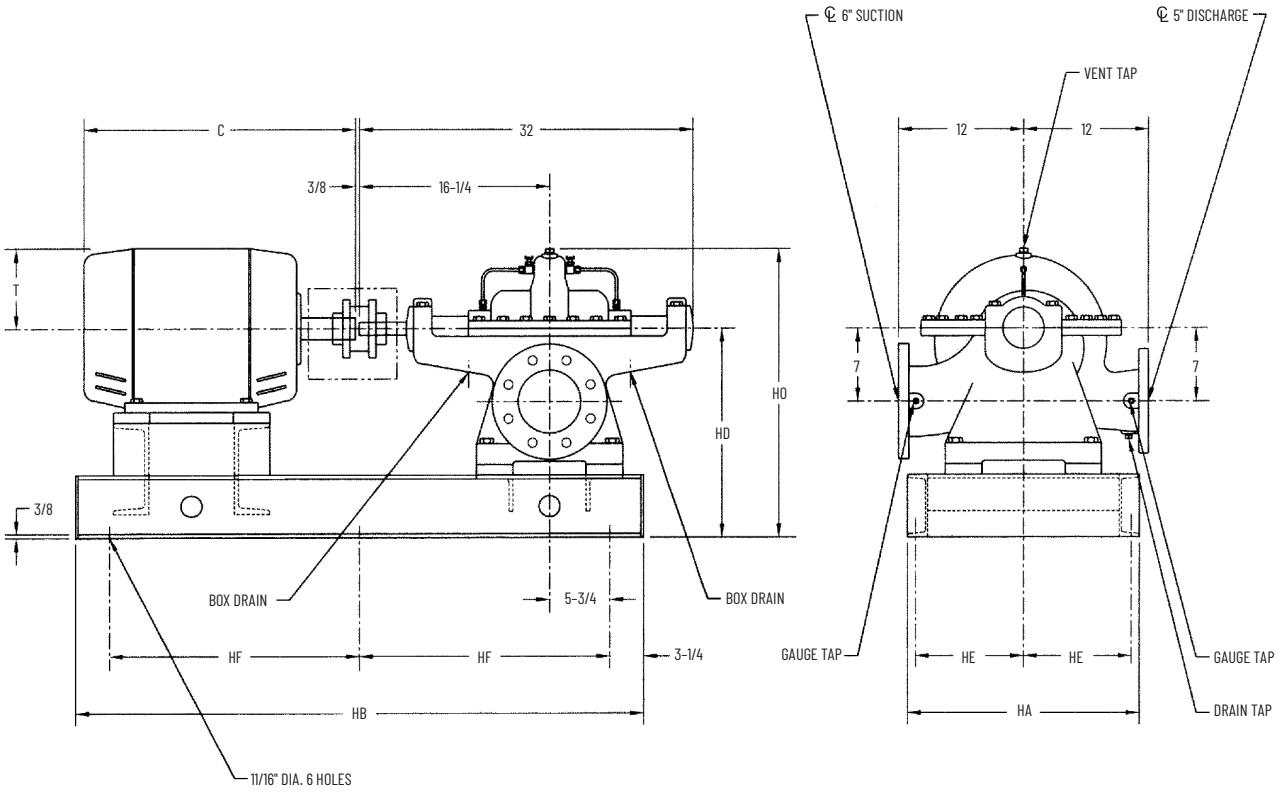
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 5" 5822 STRUCTURAL BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS								
MOTOR FRAME SIZE	BASE						MOTOR	
	HA	HB	HD	HE	HF	HO	C	T
184T	22-1/4	42-1/2	18	10-1/2	18	26-1/8	14-3/4	4-3/4
213T	22-1/4	42-1/2	18	10-1/2	18	26-1/8	16	5-1/8
215T	22-1/4	48-1/2	18	10-1/2	21	26-1/8	17-1/2	5-1/8
254T	22-1/4	48-1/2	18	10-1/2	21	26-1/8	20-5/8	6-3/8
256T	22-1/4	48-1/2	18	10-1/2	21	26-1/8	22-3/8	6-3/8
284TS	22-1/4	54-1/2	20	10-5/8	24	28-1/8	22-1/8	7

UNIT DIMENSIONS								
MOTOR FRAME SIZE	BASE						MOTOR	
	HA	HB	HD	HE	HF	HO	C	T
284T	22-1/4	54-1/2	20	10-5/8	24	28-1/8	23-1/2	7
286TS	22-1/4	54-1/2	20	10-5/8	24	28-1/8	23-5/8	7
286T	22-1/4	54-1/2	20	10-5/8	24	28-1/8	25	7
324TS	22-1/4	54-1/2	20	10-5/8	24	28-1/8	24-5/8	8
324T	22-1/4	54-1/2	20	10-5/8	24	28-1/8	26-1/8	8

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

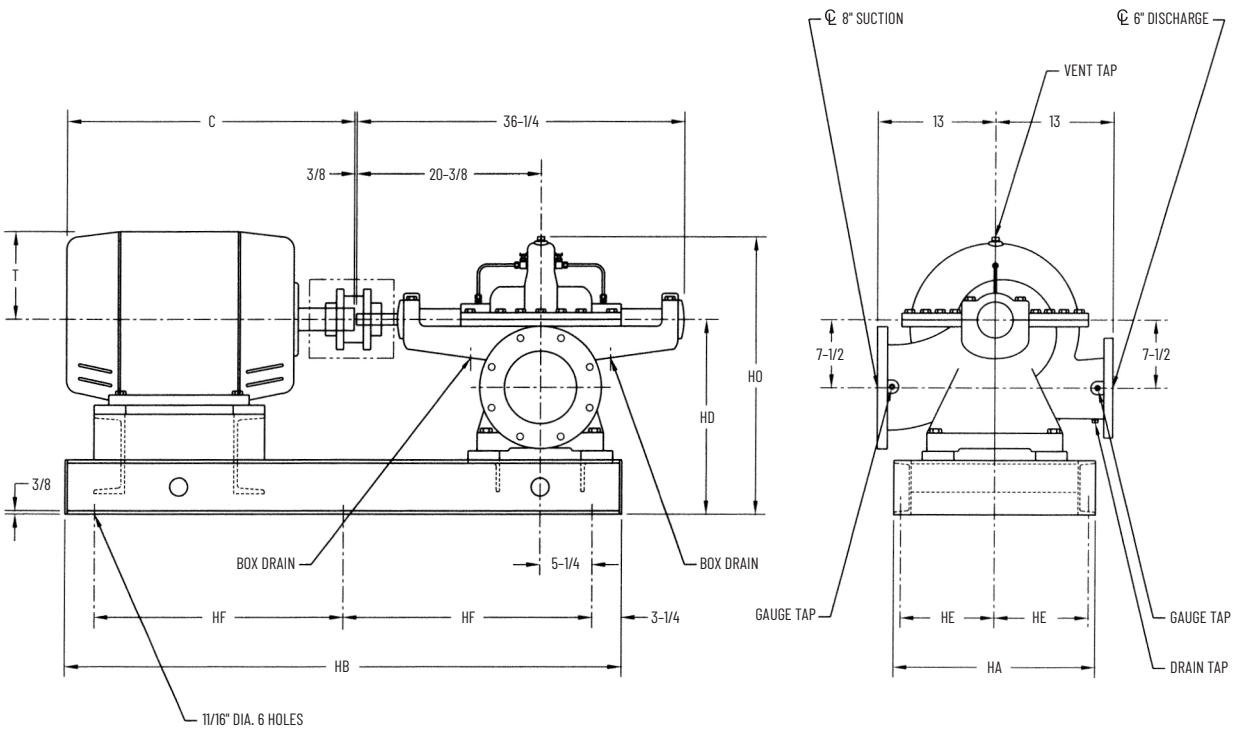
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 6" 5822 OPTIONAL STRUCTURAL BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS								
MOTOR FRAME SIZE	BASE						MOTOR	
	HA	HB	HD	HE	HF	HO	C	T
215T	22-1/4	48-1/2	19-1/2	10-1/2	21	29-1/8	17-1/2	5-1/8
254T	22-1/4	48-1/2	19-1/2	10-1/2	21	29-1/8	20-5/8	6-3/8
256T	22-3/4	54-1/2	21-1/2	10-5/8	24	31-1/8	22-3/8	6-3/8
284TS	22-3/4	54-1/2	21-1/2	10-5/8	24	31-1/8	22-1/8	7
284T	22-3/4	54-1/2	21-1/2	10-5/8	24	31-1/8	23-1/2	7
286TS	22-3/4	54-1/2	21-1/2	10-5/8	24	31-1/8	23-5/8	7
286T	22-3/4	54-1/2	21-1/2	10-5/8	24	31-1/8	25	7
324TS	22-3/4	54-1/2	21-1/2	10-5/8	24	31-1/8	24-5/8	8

UNIT DIMENSIONS								
MOTOR FRAME SIZE	BASE						MOTOR	
	HA	HB	HD	HE	HF	HO	C	T
324T	22-3/4	54-1/2	21-1/2	10-5/8	24	31-1/8	26-1/8	8
326TS	22-3/4	54-1/2	21-1/2	10-5/8	24	31-1/8	26-1/8	8
326T	22-3/4	54-1/2	21-1/2	10-5/8	24	31-1/8	27-5/8	8
364TS	22-3/4	54-1/2	21-1/2	10-5/8	24	31-1/8	26-5/8	9-1/4
364T	22-3/4	54-1/2	21-1/2	10-5/8	24	31-1/8	28-3/4	9-1/4
365TS	22-3/4	60-1/2	21-1/2	10-5/8	27	31-1/8	27-5/8	9-1/4
365T	22-3/4	60-1/2	21-1/2	10-5/8	27	31-1/8	29-3/4	9-1/4

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

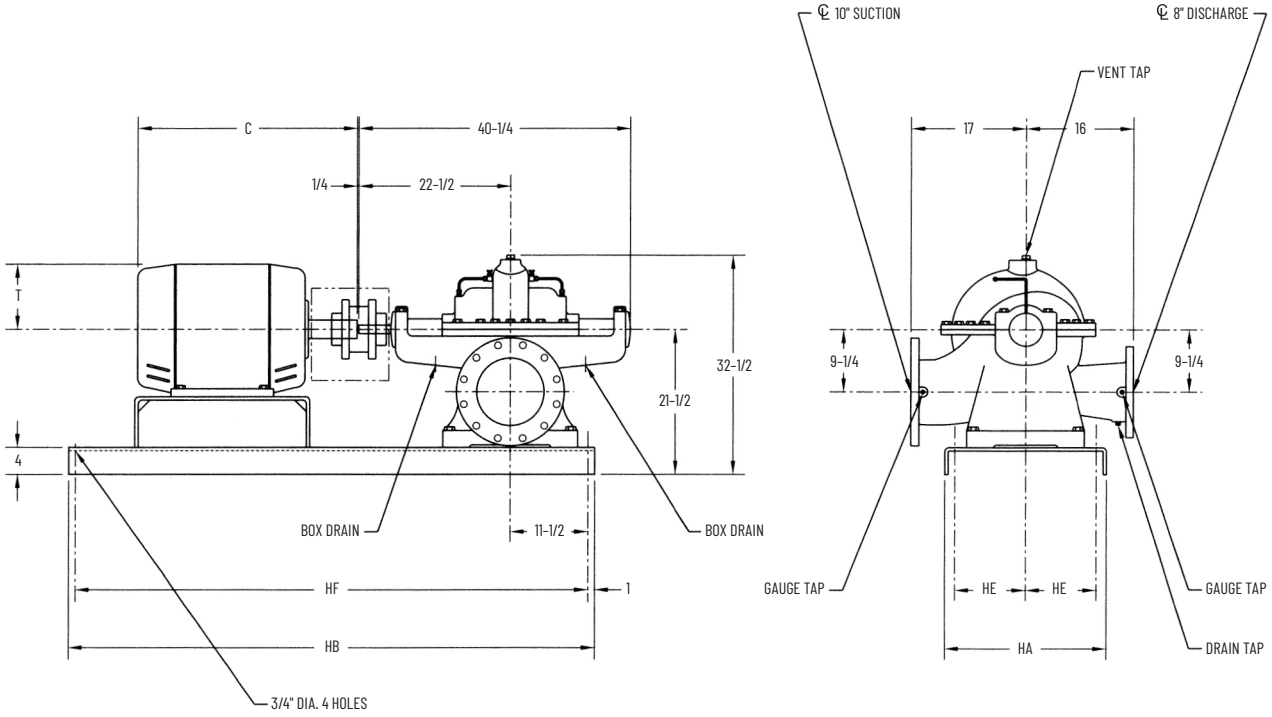
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 8" 5822 BENT FORM BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
286TS	20	60	8-1/2	58	23-5/8	7
286T	20	60	8-1/2	58	25	7
324TS	24	66	10-1/2	64	24-5/8	8
324T	24	66	10-1/2	64	26-1/8	8
326TS	24	66	10-1/2	64	26-1/8	8
326T	24	66	10-1/2	64	27-5/8	8
364TS	24	66	10-1/2	64	26-5/8	9-1/4

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
364T	24	66	10-1/2	64	28-3/4	9-1/4
365TS	24	66	10-1/2	64	27-5/8	9-1/4
365T	24	66	10-1/2	64	29-3/4	9-1/4
404TS	24	78	10-1/2	76	29-5/8	10-1/4
404T	24	78	10-1/2	76	32-5/8	10-1/4
405TS	24	78	10-1/2	76	31-1/8	10-1/4
405T	24	78	10-1/2	76	34-1/8	10-1/4

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

All dimensions are in inches unless noted.

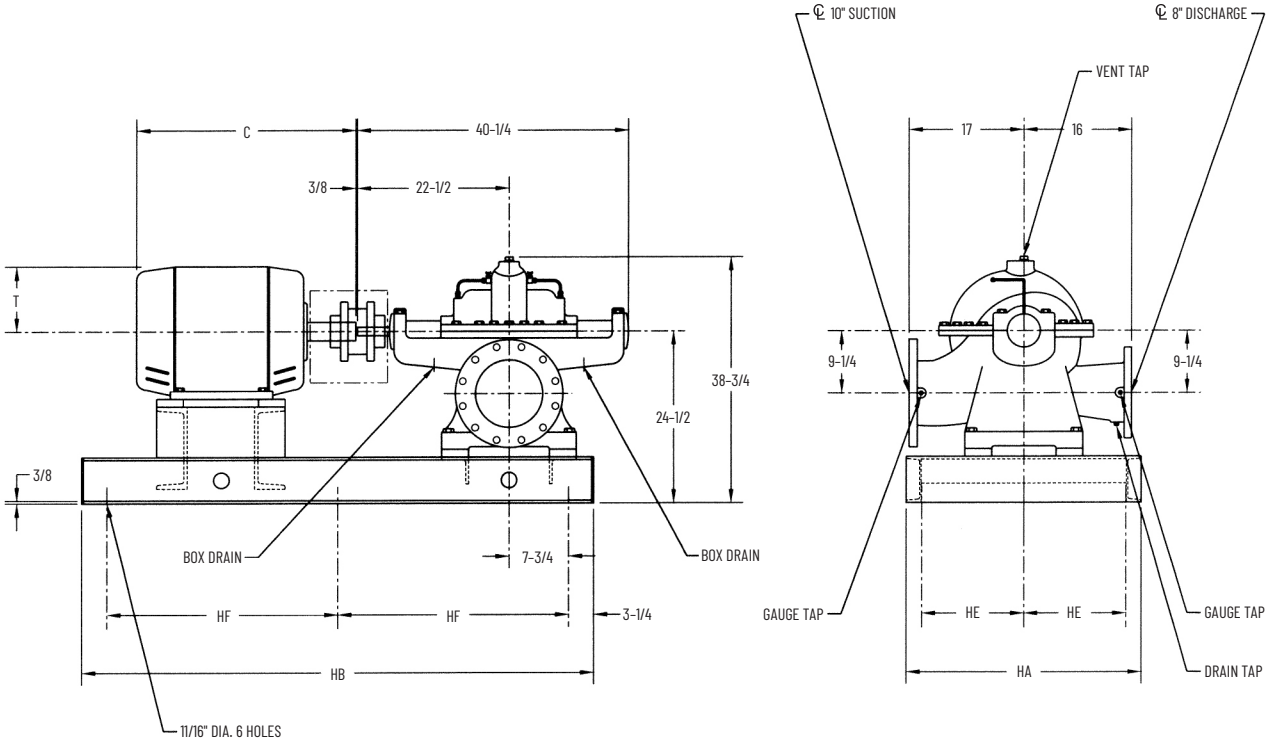
Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

PENTAIR FAIRBANKS NIJHUIS®

Typical Specifications – SETTING PLAN 8" 5822 OPTIONAL STRUCTURAL BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
286TS	22-3/4	60-1/2	10-5/8	27	23-5/8	7
286T	22-3/4	60-1/2	10-5/8	27	25	7
324TS	22-3/4	60-1/2	10-5/8	27	24-5/8	8
324T	22-3/4	60-1/2	10-5/8	27	26-1/8	8
326TS	30-1/2	66-1/2	14-1/2	30	26-1/8	8
326T	30-1/2	66-1/2	14-1/2	30	27-5/8	8
364TS	30-1/2	66-1/2	14-1/2	30	26-5/8	9-1/4

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
364T	30-1/2	66-1/2	14-1/2	30	28-3/4	9-1/4
365TS	30-1/2	66-1/2	14-1/2	30	27-5/8	9-1/4
365T	30-1/2	66-1/2	14-1/2	30	29-3/4	9-1/4
404TS	30-1/2	66-1/2	14-1/2	30	29-5/8	10-1/4
404T	30-1/2	66-1/2	14-1/2	30	32-5/8	10-1/4
405TS	30-1/2	66-1/2	14-1/2	30	31-1/8	10-1/4
405T	30-1/2	66-1/2	14-1/2	30	34-1/8	10-1/4

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

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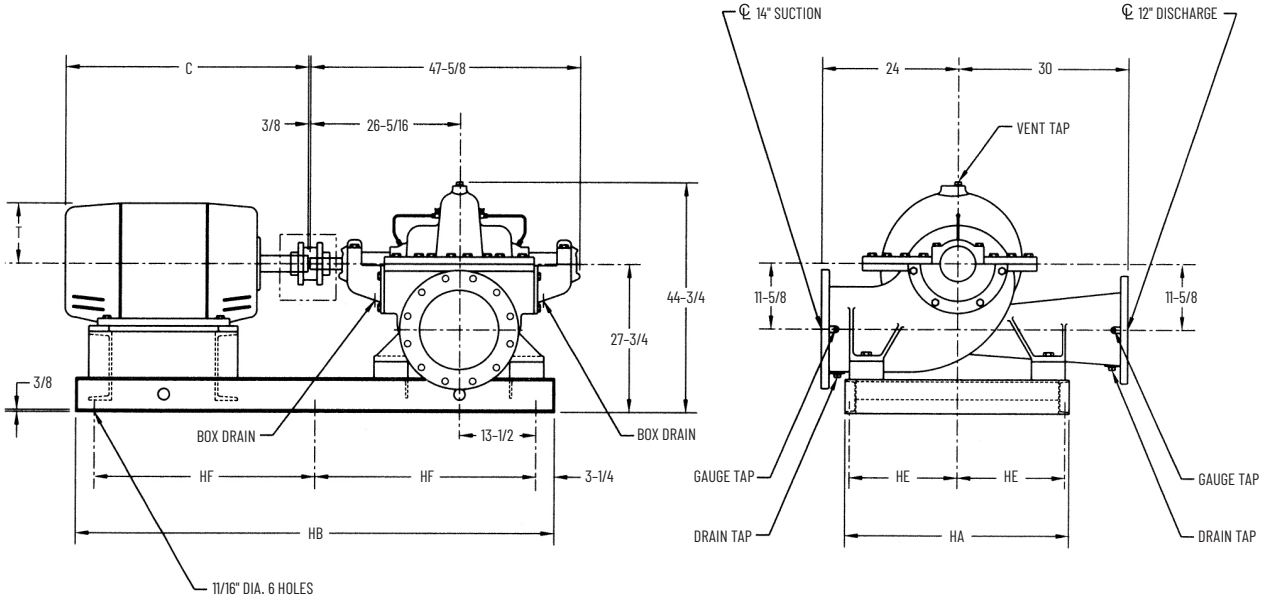
Typical Specifications – SETTING PLAN 12" 5822 STRUCTURAL BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
326TS	39-1/2	72-1/2	18-7/8	33	26-1/8	8
326T	39-1/2	72-1/2	18-7/8	33	27-5/8	8
364TS	39-1/2	72-1/2	18-7/8	33	26-5/8	9-1/4
364T	39-1/2	72-1/2	18-7/8	33	28-3/4	9-1/4
365TS	39-1/2	72-1/2	18-7/8	33	27-5/8	9-1/4
365T	39-1/2	72-1/2	18-7/8	33	29-3/4	9-1/4
404TS	39-1/2	72-1/2	18-7/8	33	29-5/8	10-1/4
404T	39-1/2	72-1/2	18-7/8	33	32-5/8	10-1/4

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
405TS	39-1/2	84-1/2	18-7/8	39	31-1/8	10-1/4
405T	39-1/2	84-1/2	18-7/8	39	34-1/8	10-1/4
444TS	39-1/2	84-1/2	18-7/8	39	34-1/8	11-1/4
444T	39-1/2	84-1/2	18-7/8	39	37-7/8	11-1/4
445TS	39-1/2	84-1/2	18-7/8	39	36-1/8	11-1/4
445T	39-1/2	84-1/2	18-7/8	39	39-7/8	11-1/4
447TS	39-1/2	84-1/2	18-7/8	39	39-5/8	11-1/4
447T	39-1/2	84-1/2	18-7/8	39	43-3/8	11-1/4

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

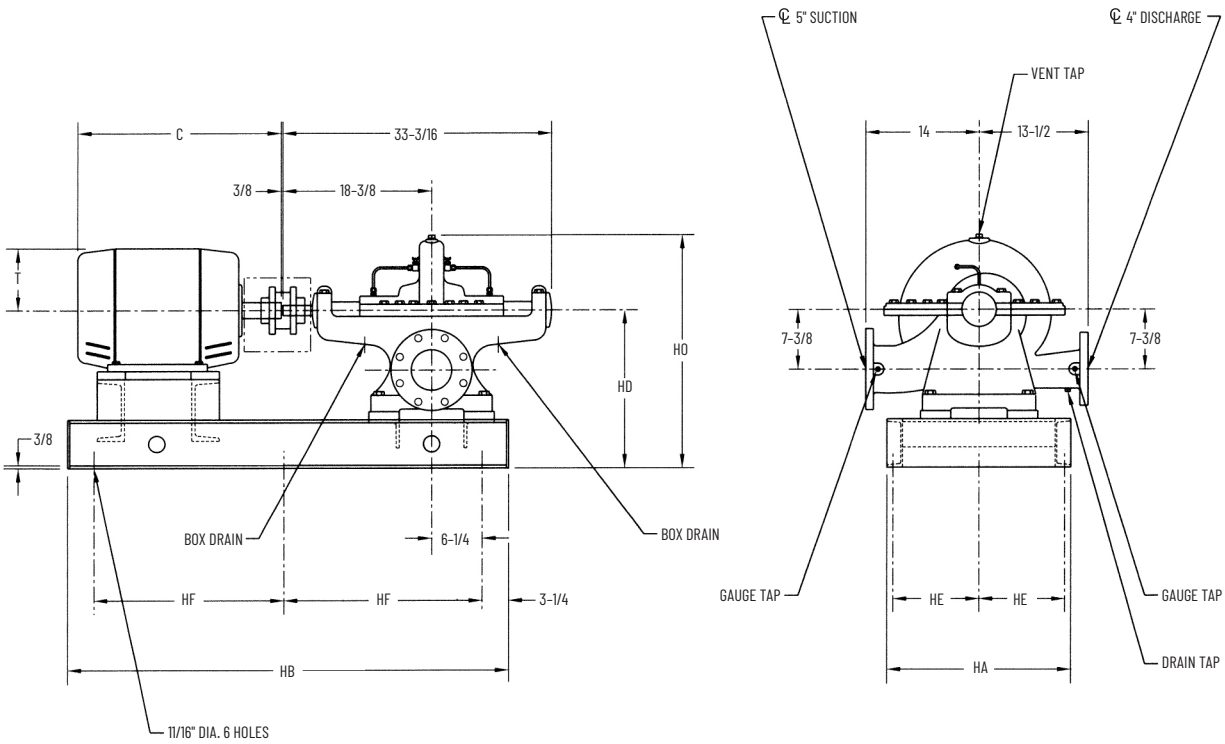
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 4" 5823 STRUCTURAL BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS								
MOTOR FRAME SIZE	BASE						MOTOR	
	HA	HB	HD	HE	HF	HO	C	T
213T	22-1/4	42-1/2	17-1/2	10-1/2	18	27-1/4	16	5-1/8
215T	22-1/4	48-1/2	17-1/2	10-1/2	21	27-1/4	17-1/2	5-1/8
254T	22-1/4	48-1/2	17-1/2	10-1/2	21	27-1/4	20-5/8	6-3/8
256T	22-3/4	54-1/2	19-1/2	10-5/8	24	29-1/4	22-3/8	6-3/8
284TS	22-3/4	54-1/2	19-1/2	10-5/8	24	29-1/4	22-1/8	7
284T	22-3/4	54-1/2	19-1/2	10-5/8	24	29-1/4	23-1/2	7
286TS	22-3/4	54-1/2	19-1/2	10-5/8	24	29-1/4	23-5/8	7
286T	22-3/4	54-1/2	19-1/2	10-5/8	24	29-1/4	25	7

UNIT DIMENSIONS								
MOTOR FRAME SIZE	BASE						MOTOR	
	HA	HB	HD	HE	HF	HO	C	T
324TS	22-3/4	54-1/2	19-1/2	10-5/8	24	29-1/4	24-5/8	8
324T	22-3/4	54-1/2	19-1/2	10-5/8	24	29-1/4	26-1/8	8
326TS	22-3/4	54-1/2	19-1/2	10-5/8	24	29-1/4	26-1/8	8
326T	22-3/4	54-1/2	19-1/2	10-5/8	24	29-1/4	27-5/8	8
364TS	22-3/4	54-1/2	19-1/2	10-5/8	24	29-1/4	26-5/8	9-1/4
364T	22-3/4	54-1/2	19-1/2	10-5/8	24	29-1/4	28-3/4	9-1/4
365TS	22-3/4	54-1/2	19-1/2	10-5/8	24	29-1/4	27-5/8	9-1/4
365T	22-3/4	54-1/2	19-1/2	10-5/8	24	29-1/4	29-3/4	9-1/4

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

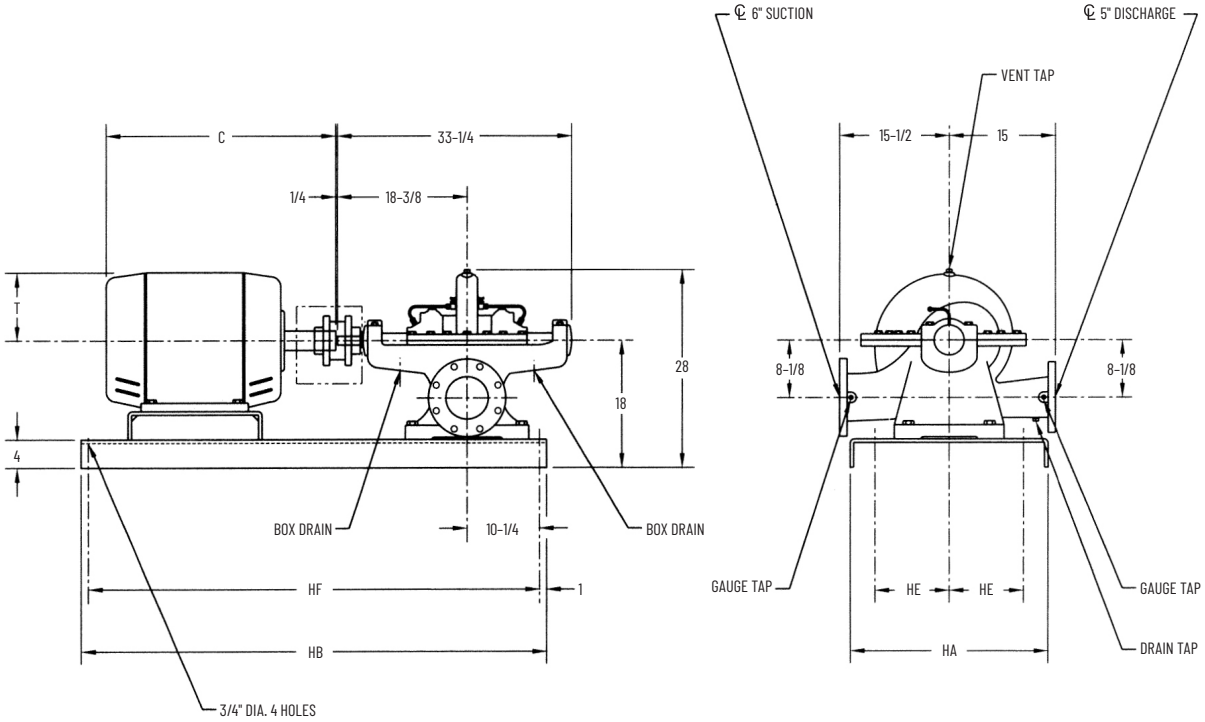
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 5" 5823 BENT FORM BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
215T	18	54	7-1/2	52	17-1/2	5-1/8
254T	18	54	7-1/2	52	20-5/8	6-3/8
256T	18	54	7-1/2	52	22-3/8	6-3/8
284TS	18	54	7-1/2	52	22-1/8	7
284T	18	54	7-1/2	52	23-1/2	7
286TS	18	54	7-1/2	52	23-5/8	7
286T	18	54	7-1/2	52	25	7
324TS	20	60	8-1/2	58	24-5/8	8
324T	20	60	8-1/2	58	26-1/8	8
326TS	20	60	8-1/2	58	26-1/8	8

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
326T	20	60	8-1/2	58	27-6/8	8
364TS	20	60	8-1/2	58	26-5/8	9-1/4
364T	20	60	8-1/2	58	28-3/4	9-1/4
365TS	20	60	8-1/2	58	27-5/8	9-1/4
365T	20	60	8-1/2	58	29-3/4	9-1/4
404TS	24	66	10-1/2	64	29-5/8	10-1/4
404T	24	66	10-1/2	64	32-5/8	10-1/4
405TS	24	66	10-1/2	64	31-1/8	10-1/4
405T	24	66	10-1/2	64	34-1/8	10-1/4

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

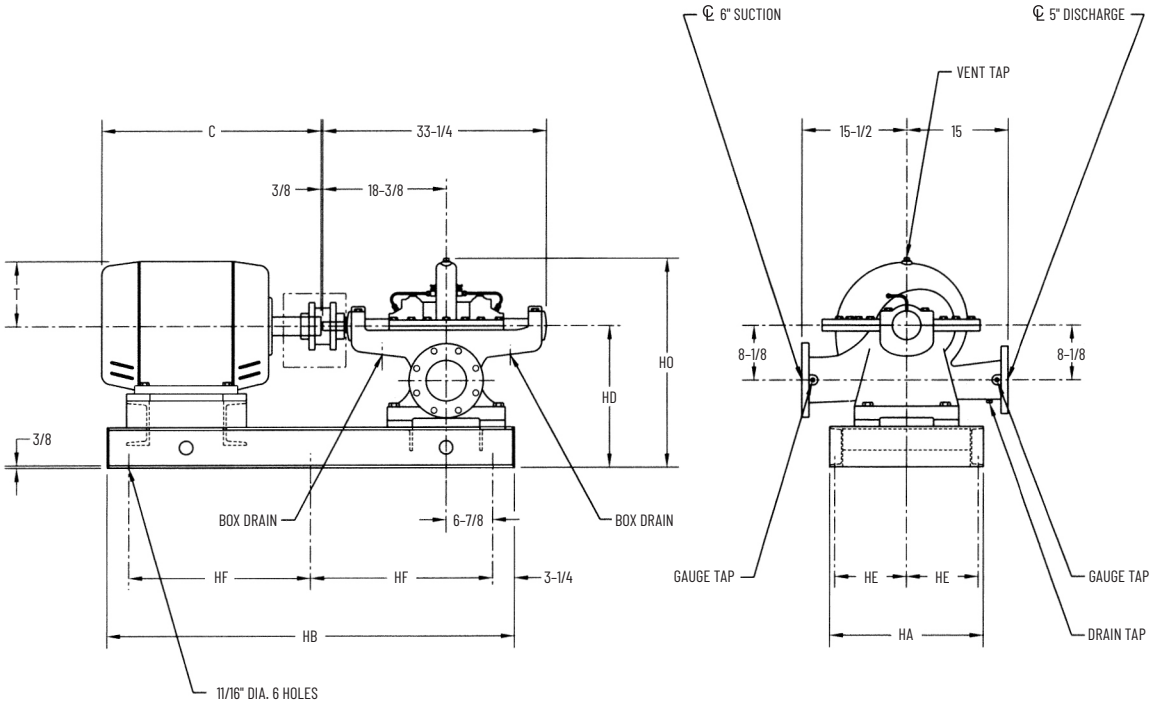
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 5" 5823 OPTIONAL STRUCTURAL BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS								
MOTOR FRAME SIZE	BASE						MOTOR	
	HA	HB	HD	HE	HF	HO	C	T
215T	22-1/4	48-1/2	19	10-1/2	21	29-1/2	17-1/2	5-1/8
254T	22-1/4	48-1/2	19	10-1/2	21	29-1/2	20-5/8	6-3/8
256T	22-3/4	54-1/2	21	10-5/8	24	31-1/2	22-3/8	6-3/8
284TS	22-3/4	54-1/2	21	10-5/8	24	31-1/2	22-1/8	7
284T	22-3/4	54-1/2	21	10-5/8	24	31-1/2	23-1/2	7
286TS	22-3/4	54-1/2	21	10-5/8	24	31-1/2	23-5/8	7
286T	22-3/4	54-1/2	21	10-5/8	24	31-1/2	25	7
324TS	22-3/4	54-1/2	21	10-5/8	24	31-1/2	24-5/8	8
324T	22-3/4	54-1/2	21	10-5/8	24	31-1/2	26-1/8	8
326TS	22-3/4	54-1/2	21	10-5/8	24	31-1/2	26-1/8	8

UNIT DIMENSIONS								
MOTOR FRAME SIZE	BASE						MOTOR	
	HA	HB	HD	HE	HF	HO	C	T
326T	22-3/4	54-1/2	21	10-5/8	24	31-1/2	27-5/8	8
364TS	22-3/4	54-1/2	21	10-5/8	24	31-1/2	26-5/8	9-1/4
364T	22-3/4	54-1/2	21	10-5/8	24	31-1/2	28-3/4	9-1/4
365TS	22-3/4	60-1/2	21	10-5/8	27	31-1/2	27-5/8	9-1/4
365T	22-3/4	60-1/2	21	10-5/8	27	31-1/2	29-3/4	9-1/4
404TS	22-3/4	60-1/2	21	10-5/8	27	31-1/2	29-5/8	10-1/4
404T	22-3/4	60-1/2	21	10-5/8	27	31-1/2	32-5/8	10-1/4
405TS	22-3/4	60-1/2	21	10-5/8	27	31-1/2	31-1/8	10-1/4
405T	22-3/4	60-1/2	21	10-5/8	27	31-1/2	34-1/8	10-1/4

NOTES:

All flanges are 125# ANSI drilling. Optional 250# ANSI flanges are available.

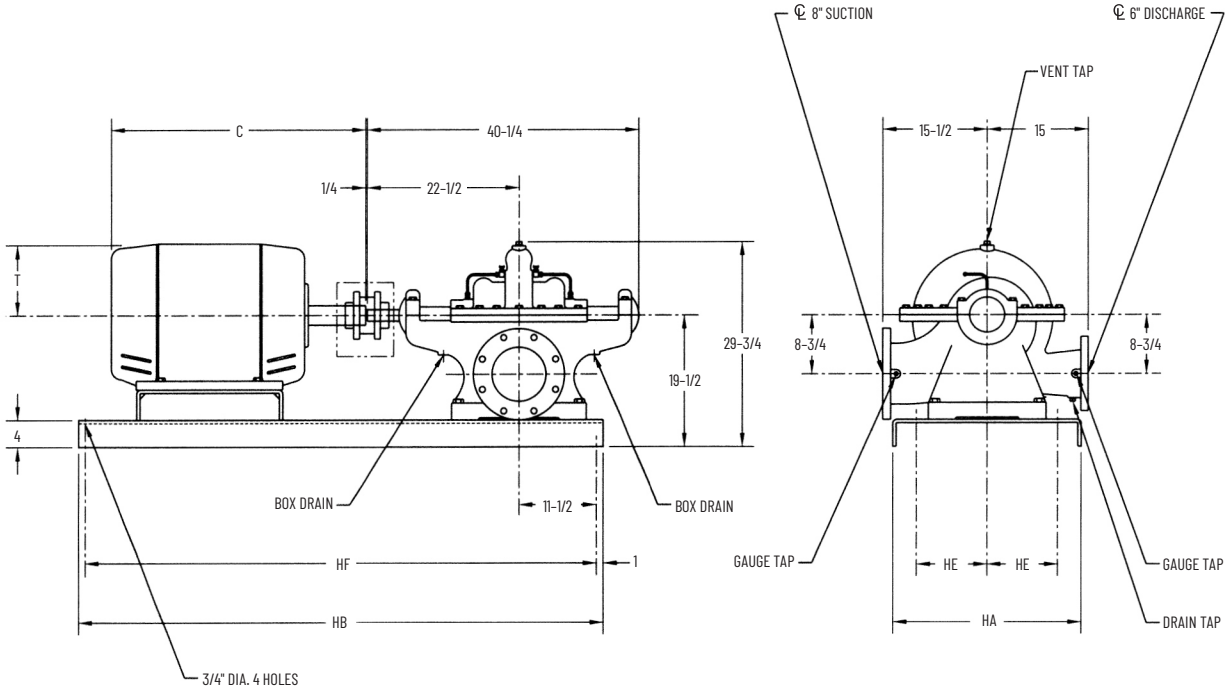
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 6" 5823 BENT FORM BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
254T	20	60	8-1/2	58	20-5/8	6-3/8
256T	20	60	8-1/2	58	22-3/8	6-3/8
284TS	20	60	8-1/2	58	22-1/8	7
284T	20	60	8-1/2	58	23-1/2	7
286TS	20	60	8-1/2	58	23-5/8	7
286T	20	60	8-1/2	58	25	7
324TS	24	66	10-1/2	64	24-5/8	8
324T	24	66	10-1/2	64	26-1/8	8
326TS	24	66	10-1/2	64	26-1/8	8
326T	24	66	10-1/2	64	27-5/8	8

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
364TS	24	66	10-1/2	64	26-5/8	9-1/4
364T	24	66	10-1/2	64	28-3/4	9-1/4
365TS	24	66	10-1/2	64	27-5/8	9-1/4
365T	24	66	10-1/2	64	29-3/4	9-1/4
404TS	24	78	10-1/2	76	29-5/8	10-1/4
404T	24	78	10-1/2	76	32-5/8	10-1/4
405TS	24	78	10-1/2	76	31-1/8	10-1/4
405T	24	78	10-1/2	76	34-1/8	10-1/4
444TS	24	78	10-1/2	76	34-1/8	11-1/4
444T	24	78	10-1/2	76	37-7/8	11-1/4

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

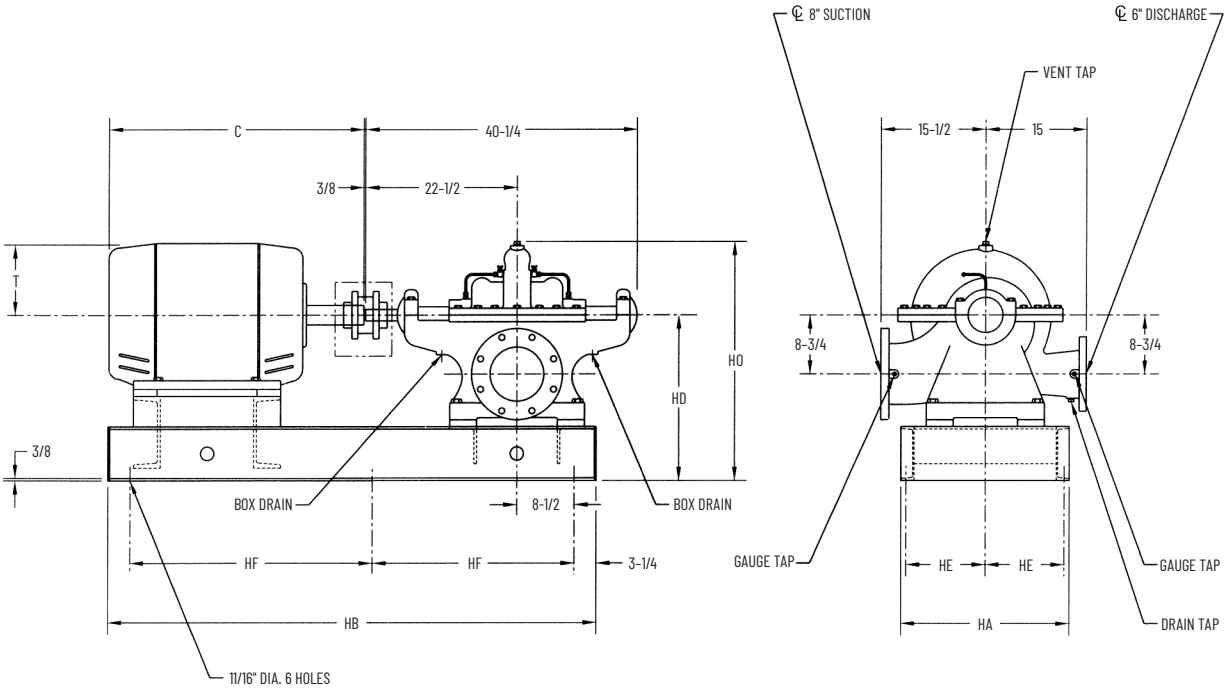
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 6" 5823 OPTIONAL STRUCTURAL BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS								
MOTOR FRAME SIZE	BASE						MOTOR	
	HA	HB	HD	HE	HF	HO	C	T
254T	22-3/4	54-1/2	22-1/2	10-5/8	24	33-1/4	20-5/8	6-3/8
256T	22-3/4	60-1/2	22-1/2	10-5/8	27	33-1/4	22-3/8	6-3/8
284TS	22-3/4	60-1/2	22-1/2	10-5/8	27	33-1/4	22-1/8	7
284T	22-3/4	60-1/2	22-1/2	10-5/8	27	33-1/4	23-1/2	7
286TS	22-3/4	60-1/2	22-1/2	10-5/8	27	33-1/4	23-5/8	7
286T	22-3/4	60-1/2	22-1/2	10-5/8	27	33-1/4	25	7
324TS	22-3/4	60-1/2	22-1/2	10-5/8	27	33-1/4	24-5/8	8
324T	22-3/4	60-1/2	22-1/2	10-5/8	27	33-1/4	26-1/8	8
326TS	22-3/4	60-1/2	22-1/2	10-5/8	27	33-1/4	26-1/8	8
326T	22-3/4	60-1/2	22-1/2	10-5/8	27	33-1/4	27-5/8	8

UNIT DIMENSIONS								
MOTOR FRAME SIZE	BASE						MOTOR	
	HA	HB	HD	HE	HF	HO	C	T
364TS	22-3/4	60-1/2	22-1/2	10-5/8	27	33-1/4	26-5/8	9-1/4
364T	22-3/4	60-1/2	22-1/2	10-5/8	27	33-1/4	28-3/4	9-1/4
365TS	22-3/4	60-1/2	22-1/2	10-5/8	27	33-1/4	27-5/8	9-1/4
365T	22-3/4	60-1/2	22-1/2	10-5/8	27	33-1/4	29-3/4	9-1/4
404TS	30-1/2	66-1/2	22-1/2	14-1/2	30	33-1/4	29-5/8	10-1/4
404T	30-1/2	66-1/2	22-1/2	14-1/2	30	33-1/4	32-5/8	10-1/4
405TS	30-1/2	66-1/2	22-1/2	14-1/2	30	33-1/4	31-1/8	10-1/4
405T	30-1/2	66-1/2	22-1/2	14-1/2	30	33-1/4	34-1/8	10-1/4
444TS	30-1/2	66-1/2	22-1/2	14-1/2	30	33-1/4	34-1/8	11-1/4
444T	31-1/4	72-1/2	24-1/2	14-3/4	33	35-1/4	37-7/8	11-1/4

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

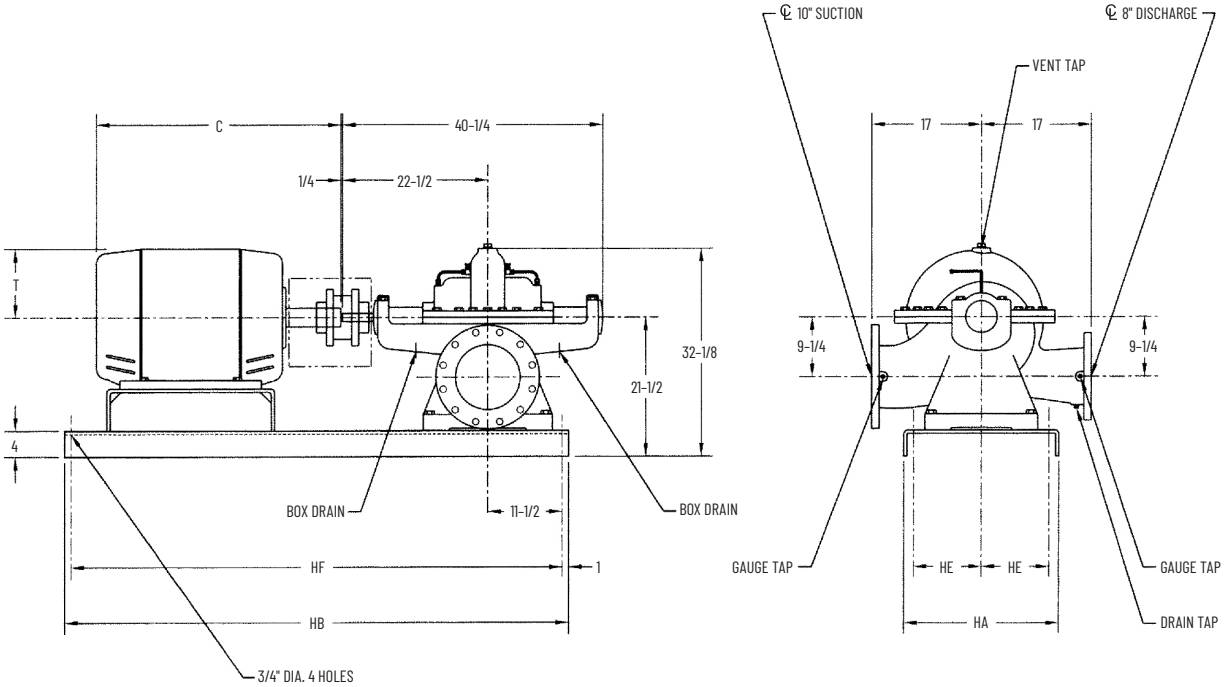
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 8" 5823 BENT FORM BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
254T	20	60	8-1/2	58	20-5/8	6-3/8
256T	20	60	8-1/2	58	22-3/8	6-3/8
286TS	20	60	8-1/2	58	23-5/8	7
286T	20	60	8-1/2	58	25	7
324TS	24	66	10-1/2	64	24-5/8	8
324T	24	66	10-1/2	64	26-1/8	8
326TS	24	66	10-1/2	64	26-1/8	8
326T	24	66	10-1/2	64	27-5/8	8
364TS	24	66	10-1/2	64	26-5/8	9-1/4

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
364T	24	66	10-1/2	64	28-3/4	9-1/4
365TS	24	66	10-1/2	64	27-5/8	9-1/4
365T	24	66	10-1/2	64	29-3/4	9-1/4
404TS	24	78	10-1/2	76	29-5/8	10-1/4
404T	24	78	10-1/2	76	32-5/8	10-1/4
405TS	24	78	10-1/2	76	31-1/8	10-1/4
405T	24	78	10-1/2	76	34-1/8	10-1/4
444TS	24	78	10-1/2	76	34-1/8	11-1/4
444T	24	78	10-1/2	76	37-7/8	11-1/4

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

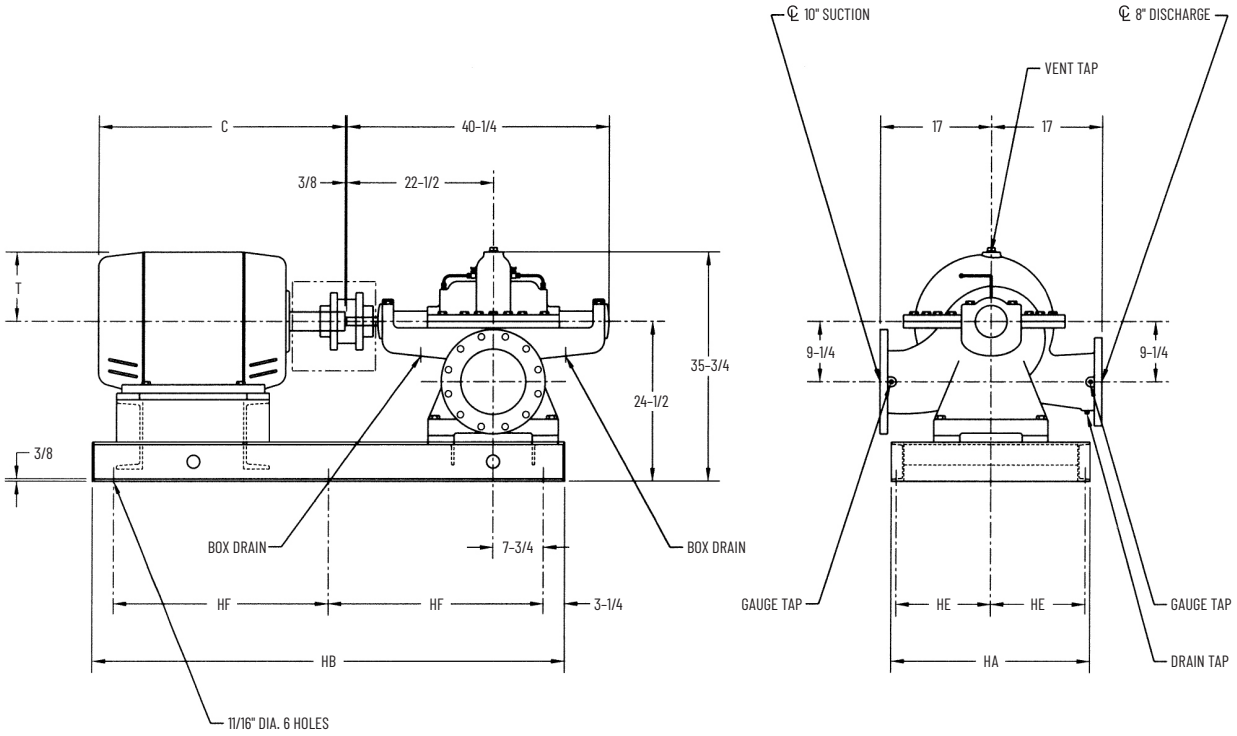
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 8" 5823 OPTIONAL STRUCTURAL BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
254T	22-3/4	54-1/2	10-5/8	24	20-5/8	6-3/8
256T	22-3/4	54-1/2	10-5/8	24	22-3/8	6-3/8
284TS	22-3/4	60-1/2	10-5/8	27	22-1/8	7
284T	22-3/4	60-1/2	10-5/8	27	23-1/2	7
286TS	22-3/4	60-1/2	10-5/8	27	23-5/8	7
286T	22-3/4	60-1/2	10-5/8	27	25	7
324TS	22-3/4	60-1/2	10-5/8	27	24-5/8	8
324T	22-3/4	60-1/2	10-5/8	27	26-1/8	8
326TS	30-1/2	66-1/2	14-1/2	30	26-1/8	8
326T	30-1/2	66-1/2	14-1/2	30	27-5/8	8

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
364TS	30-1/2	66-1/2	14-1/2	30	26-5/8	9-1/4
364T	30-1/2	66-1/2	14-1/2	30	28-3/4	9-1/4
365TS	30-1/2	66-1/2	14-1/2	30	27-5/8	9-1/4
365T	30-1/2	66-1/2	14-1/2	30	29-3/4	9-1/4
404TS	30-1/2	66-1/2	14-1/2	30	29-5/8	10-1/4
404T	30-1/2	66-1/2	14-1/2	30	32-5/8	10-1/4
405TS	30-1/2	66-1/2	14-1/2	30	31-1/8	10-1/4
405T	30-1/2	66-1/2	14-1/2	30	34-1/8	10-1/4
444TS	30-1/2	66-1/2	14-1/2	30	34-1/8	11-1/4
444T	30-1/2	66-1/2	14-1/2	30	37-7/8	11-1/4

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

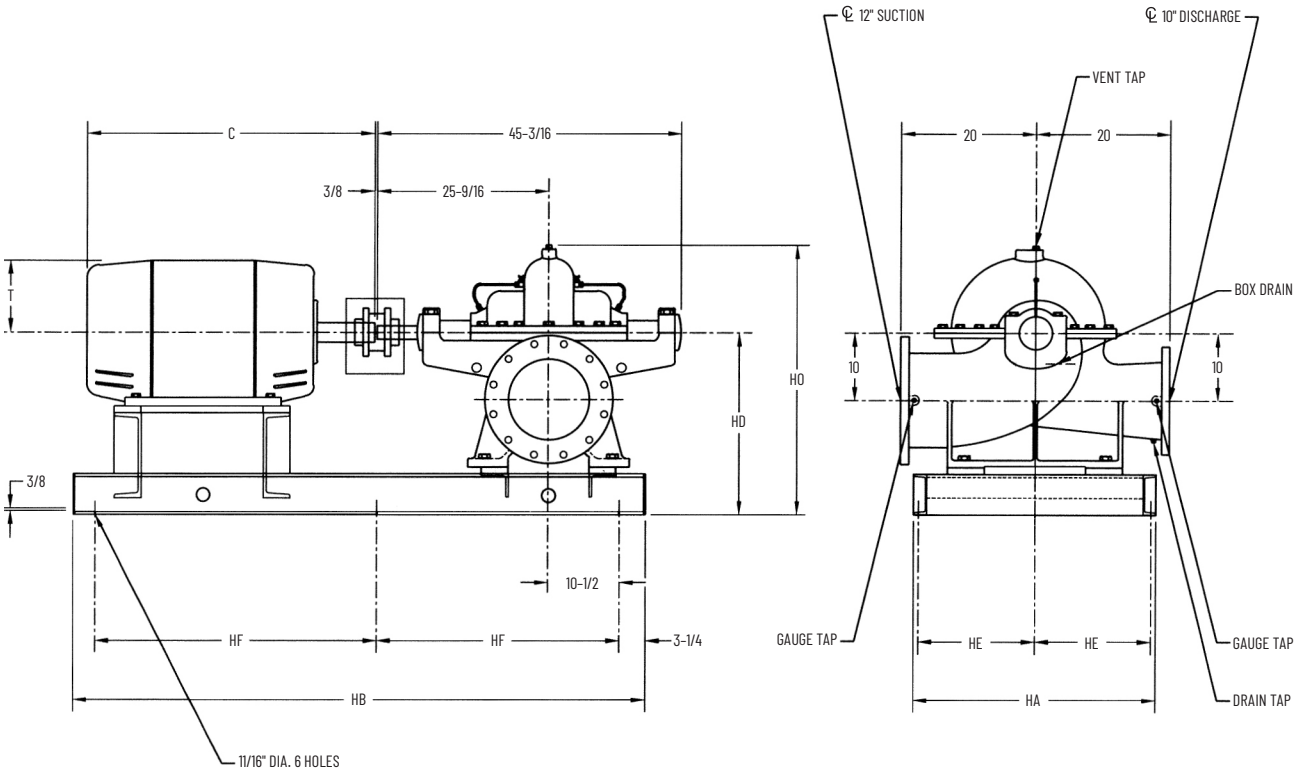
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 10" 5823 STRUCTURAL BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS								
MOTOR FRAME SIZE	BASE						MOTOR	
	HA	HB	HD	HE	HF	HO	C	T
326TS	30-1/2	66-1/2	27	14-1/2	30	42-5/8	26-1/8	8
326T	30-1/2	66-1/2	27	14-1/2	30	42-5/8	27-5/8	8
364TS	30-1/2	66-1/2	27	14-1/2	30	42-5/8	26-5/8	9-1/4
364T	30-1/2	66-1/2	27	14-1/2	30	42-5/8	28-3/4	9-1/4
365TS	30-1/2	66-1/2	27	14-1/2	30	42-5/8	27-5/8	9-1/4
365T	30-1/2	66-1/2	27	14-1/2	30	42-5/8	29-3/4	9-1/4
404TS	31-1/4	72-1/2	29	14-3/4	33	44-5/8	29-5/8	10-1/4
404T	31-1/4	72-1/2	29	14-3/4	33	44-5/8	32-5/8	10-1/4

UNIT DIMENSIONS								
MOTOR FRAME SIZE	BASE						MOTOR	
	HA	HB	HD	HE	HF	HO	C	T
405TS	31-1/4	72-1/2	29	14-3/4	33	44-5/8	31-1/8	10-1/4
405T	31-1/4	72-1/2	29	14-3/4	33	44-5/8	34-1/8	10-1/4
444TS	31-1/4	72-1/2	29	14-3/4	33	44-5/8	34-1/8	11-1/4
444T	31-1/4	72-1/2	29	14-3/4	33	44-5/8	37-7/8	11-1/4
445TS	31-1/4	72-1/2	29	14-3/4	33	44-5/8	36-1/8	11-1/4
445T	36-3/4	84-1/2	29	17-1/2	39	44-5/8	39-7/8	11-1/4
447TS	36-3/4	84-1/2	29	17-1/2	39	44-5/8	39-5/8	11-1/4
447T	36-3/4	84-1/2	29	17-1/2	39	44-5/8	43-1/4	11-1/4

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

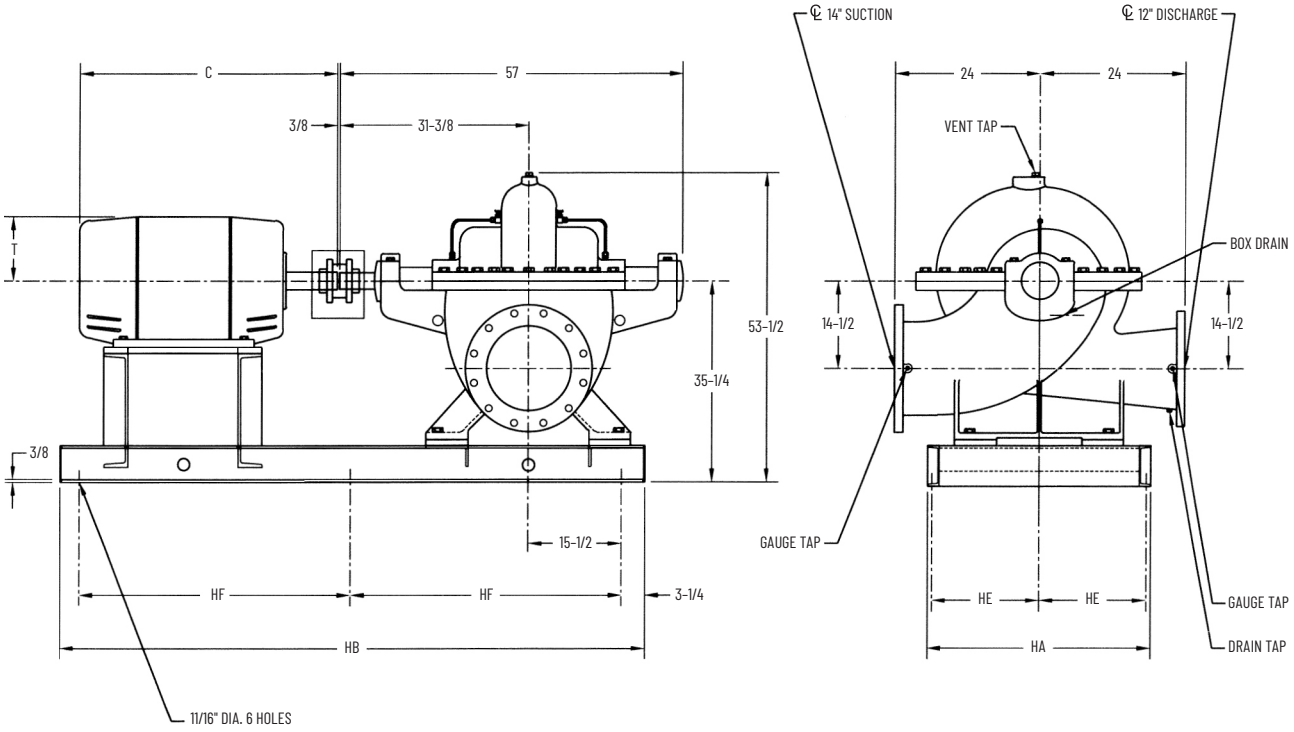
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 12" 5823 STRUCTURAL BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
404TS	36-3/4	84-1/2	17-1/2	39	29-5/8	10-1/4
404T	36-3/4	84-1/2	17-1/2	39	32-5/8	10-1/4
405TS	36-3/4	84-1/2	17-1/2	39	31-1/8	10-1/4
405T	36-3/4	84-1/2	17-1/2	39	34-1/8	10-1/4
444TS	36-3/4	84-1/2	17-1/2	39	34-1/8	11-1/4
444T	36-3/4	84-1/2	17-1/2	39	37-7/8	11-1/4
445TS	36-3/4	96-1/2	17-1/2	45	36-1/8	11-1/4

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
445T	36-3/4	96-1/2	17-1/2	45	39-7/8	11-1/4
447TS	36-3/4	96-1/2	17-1/2	45	39-5/8	11-1/4
447T	36-3/4	96-1/2	17-1/2	45	43-1/4	11-1/4
449TS	36-3/4	96-1/2	17-1/2	45	44-5/8	11-1/4
449T	36-3/4	96-1/2	17-1/2	45	48-1/8	11-1/4
CONSULT FACTORY FOR LARGER MOTORS						

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

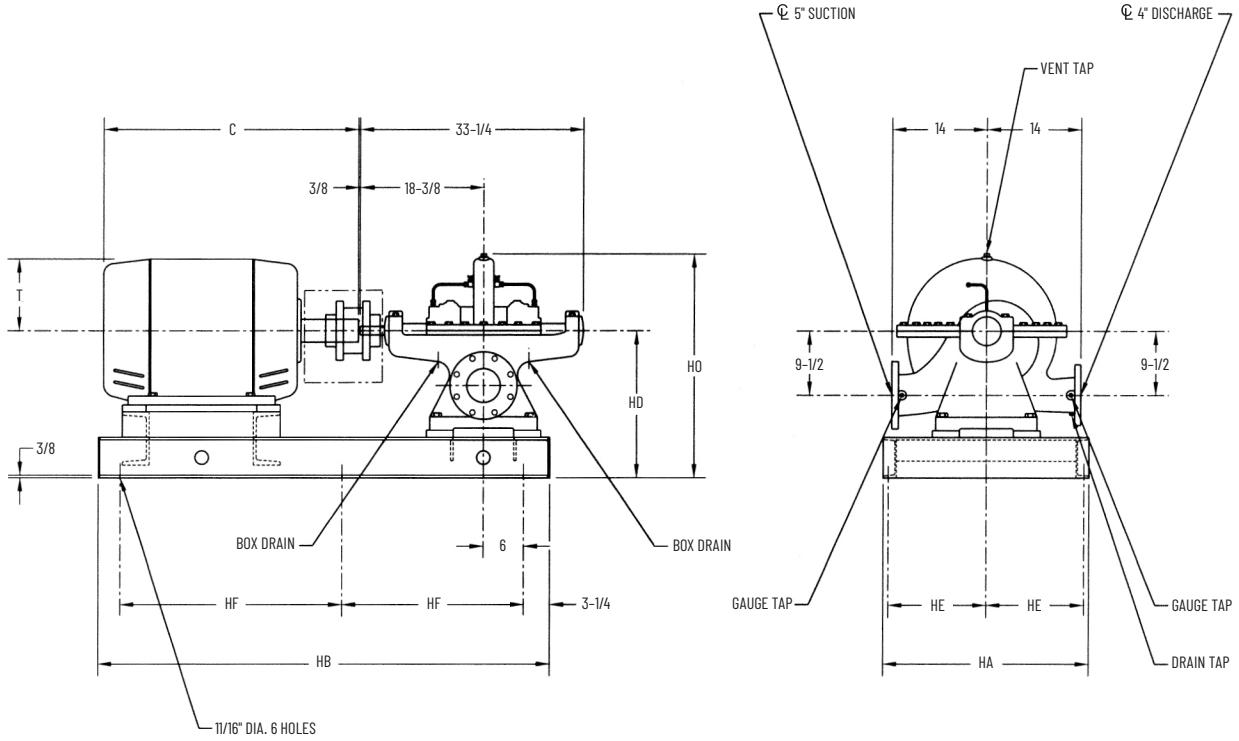
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 4" 5824 STRUCTURAL BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS								
MOTOR FRAME SIZE	BASE						MOTOR	
	HA	HB	HD	HE	HF	HO	C	T
254T	22-1/4	48-1/2	19-3/4	10-1/2	21	31-1/4	20-5/8	6-3/8
256T	22-1/4	48-1/2	19-3/4	10-1/2	21	31-1/4	22-3/8	6-3/8
284TS	22-3/4	54-1/2	21-3/4	10-5/8	24	33-1/4	22-1/8	7
284T	22-3/4	54-1/2	21-3/4	10-5/8	24	33-1/4	23-1/2	7
286TS	22-3/4	54-1/2	21-3/4	10-5/8	24	33-1/4	23-5/8	7
286T	22-3/4	54-1/2	21-3/4	10-5/8	24	33-1/4	25	7
324TS	22-3/4	54-1/2	21-3/4	10-5/8	24	33-1/4	24-5/8	8
324T	22-3/4	54-1/2	21-3/4	10-5/8	24	33-1/4	26-1/8	8
326TS	22-3/4	54-1/2	21-3/4	10-5/8	24	33-1/4	26-1/8	8
326T	22-3/4	54-1/2	21-3/4	10-5/8	24	33-1/4	27-5/8	8

UNIT DIMENSIONS								
MOTOR FRAME SIZE	BASE						MOTOR	
	HA	HB	HD	HE	HF	HO	C	T
364TS	22-3/4	54-1/2	21-3/4	10-5/8	24	33-1/4	26-5/8	9-1/4
364T	22-3/4	54-1/2	21-3/4	10-5/8	24	33-1/4	28-3/4	9-1/4
365TS	22-3/4	54-1/2	21-3/4	10-5/8	24	33-1/4	27-5/8	9-1/4
365T	22-3/4	54-1/2	21-3/4	10-5/8	24	33-1/4	29-3/4	9-1/4
404TS	30-1/2	60-1/2	21-3/4	14-1/2	27	33-1/4	29-5/8	10-1/4
404T	30-1/2	60-1/2	21-3/4	14-1/2	27	33-1/4	32-5/8	10-1/4
405TS	30-1/2	60-1/2	21-3/4	14-1/2	27	33-1/4	31-1/8	10-1/4
405T	30-1/2	60-1/2	21-3/4	14-1/2	27	33-1/4	34-1/8	10-1/4
444TS	30-1/2	60-1/2	21-3/4	14-1/2	27	33-1/4	34-1/8	11-1/4
444T	30-1/2	60-1/2	21-3/4	14-1/2	27	33-1/4	37-7/8	11-1/4

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

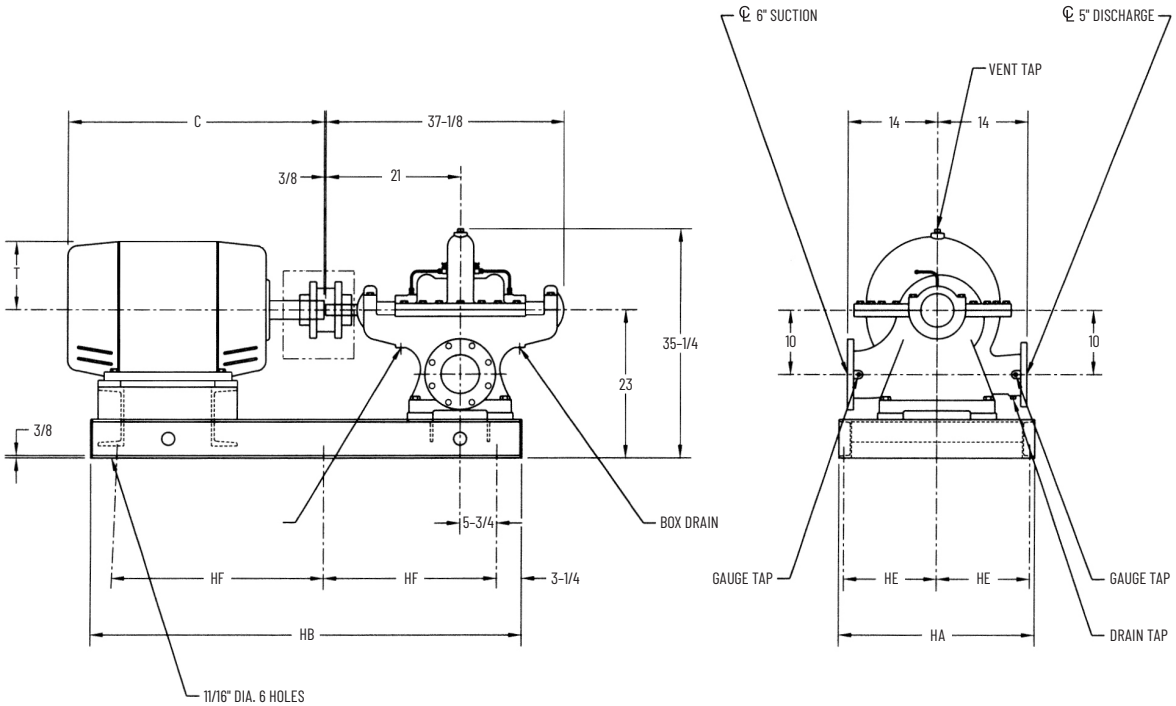
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 5" 5824 STRUCTURAL BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
256T	22-3/4	54-1/2	10-5/8	24	22-3/8	6-3/8
284TS	22-3/4	54-1/2	10-5/8	24	22-1/8	7
284T	22-3/4	54-1/2	10-5/8	24	23-1/2	7
286TS	22-3/4	54-1/2	10-5/8	24	23-5/8	7
286T	22-3/4	54-1/2	10-5/8	24	25	7
324TS	22-3/4	54-1/2	10-5/8	24	24-5/8	8
324T	22-3/4	54-1/2	10-5/8	24	26-1/8	8
326TS	22-3/4	60-1/2	10-5/8	27	26-1/8	8
326T	22-3/4	60-1/2	10-5/8	27	27-5/8	8
364TS	22-3/4	60-1/2	10-5/8	27	26-5/8	9-1/4
364T	22-3/4	60-1/2	10-5/8	27	28-3/4	9-1/4

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
365TS	22-3/4	60-1/2	10-5/8	27	27-5/8	9-1/4
365T	22-3/4	60-1/2	10-5/8	27	29-3/4	9-1/4
404TS	30-1/2	60-1/2	14-1/2	27	29-5/8	10-1/4
404T	30-1/2	60-1/2	14-1/2	27	32-5/8	10-1/4
405TS	30-1/2	60-1/2	14-1/2	27	31-1/8	10-1/4
405T	30-1/2	60-1/2	14-1/2	27	34-1/8	10-1/4
444TS	30-1/2	66-1/2	14-1/2	27	34-1/8	11-1/4
444T	30-1/2	66-1/2	14-1/2	30	37-7/8	11-1/4
445TS	30-1/2	66-1/2	14-1/2	30	36-1/8	11-1/4
445T	30-1/2	66-1/2	14-1/2	30	39-7/8	11-1/4

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

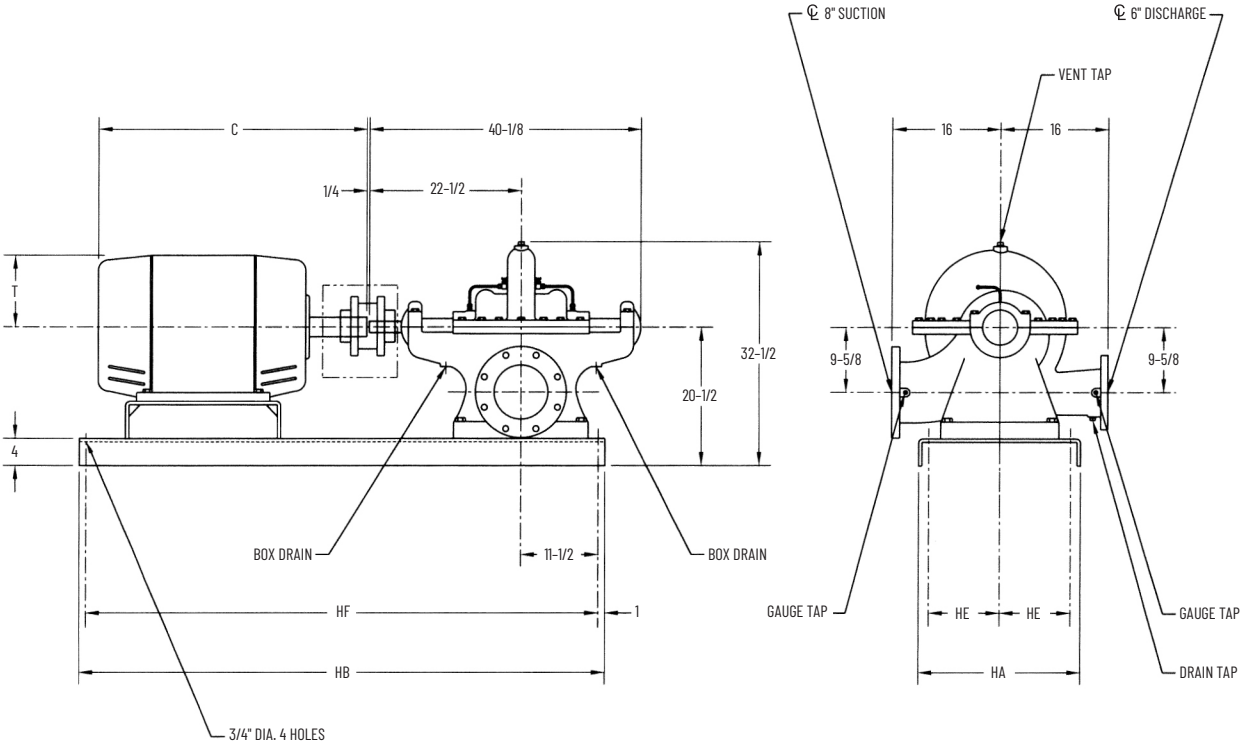
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 6" 5824 BENT FORM BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
284TS	20	60	8-1/2	58	22-1/8	7
284T	20	60	8-1/2	58	23-1/2	7
286TS	20	60	8-1/2	58	23-5/8	7
286T	20	60	8-1/2	58	25	7
324TS	24	66	10-1/2	64	24-5/8	8
324T	24	66	10-1/2	64	26-1/8	8
326TS	24	66	10-1/2	64	26-1/8	8
326T	24	66	10-1/2	64	27-5/8	8
364TS	24	66	10-1/2	64	26-5/8	9-1/4
364T	24	66	10-1/2	64	28-3/4	9-1/4

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
365TS	24	66	10-1/2	64	27-5/8	9-1/4
365T	24	66	10-1/2	64	29-3/4	9-1/4
404TS	24	78	10-1/2	76	29-5/8	10-1/4
404T	24	78	10-1/2	76	32-5/8	10-1/4
405TS	24	78	10-1/2	76	31-1/8	10-1/4
405T	24	78	10-1/2	76	34-1/8	10-1/4
444TS	24	78	10-1/2	76	34-1/8	11-1/4
444T	24	78	10-1/2	76	37-7/8	11-1/4
445TS	24	78	10-1/2	76	36-1/8	11-1/4
445T	24	78	10-1/2	76	39-7/8	11-1/4

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

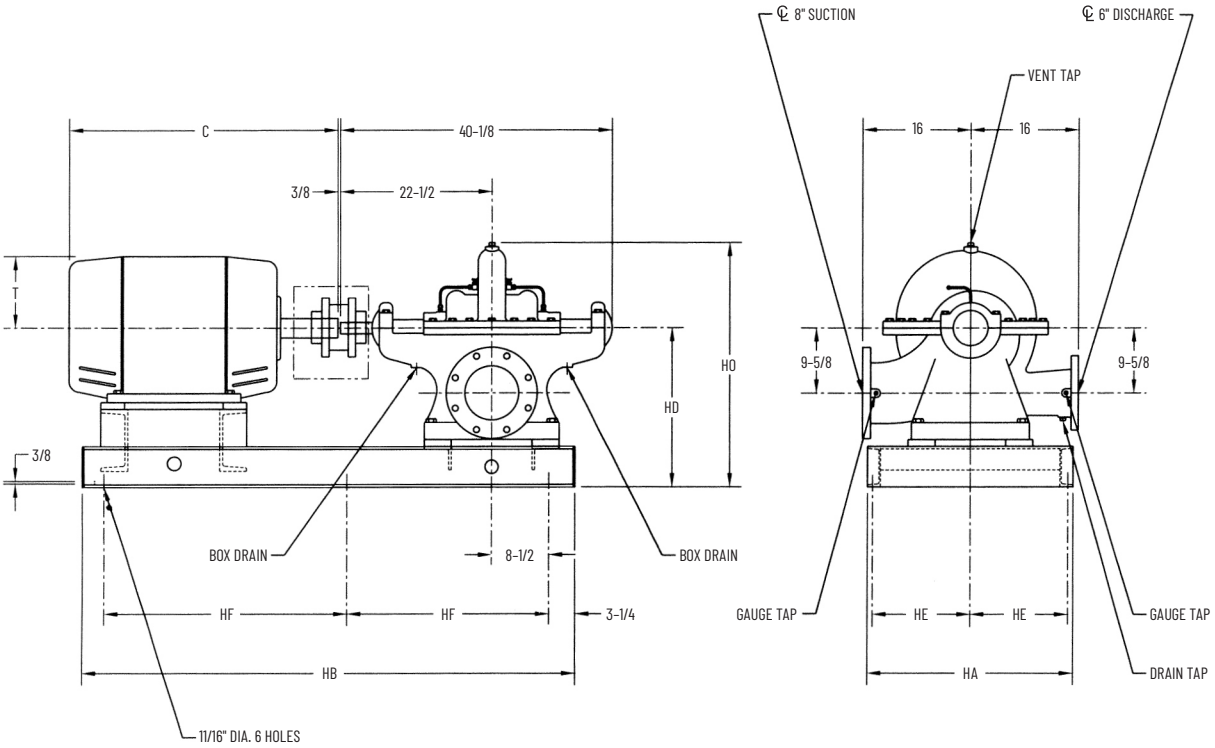
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 6" 5824 OPTIONAL STRUCTURAL BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS								
MOTOR FRAME SIZE	BASE						MOTOR	
	HA	HB	HD	HE	HF	HO	C	T
284TS	22-3/4	60-1/2	23-1/2	10-5/8	27	36	22-1/8	7
284T	22-3/4	60-1/2	23-1/2	10-5/8	27	36	23-1/2	7
286TS	22-3/4	60-1/2	23-1/2	10-5/8	27	36	23-5/8	7
286T	22-3/4	60-1/2	23-1/2	10-5/8	27	36	25	7
324TS	22-3/4	60-1/2	23-1/2	10-5/8	27	36	24-5/8	8
324T	22-3/4	60-1/2	23-1/2	10-5/8	27	36	26-1/8	8
326TS	22-3/4	60-1/2	23-1/2	10-5/8	27	36	26-1/8	8
326T	22-3/4	60-1/2	23-1/2	10-5/8	27	36	27-5/8	8
364TS	22-3/4	60-1/2	23-1/2	10-5/8	27	36	26-5/8	9-1/4
364T	22-3/4	60-1/2	23-1/2	10-5/8	27	36	28-3/4	9-1/4

UNIT DIMENSIONS								
MOTOR FRAME SIZE	BASE						MOTOR	
	HA	HB	HD	HE	HF	HO	C	T
365TS	22-3/4	66-1/2	23-1/2	10-5/8	30	36	27-5/8	9-1/4
365T	22-3/4	66-1/2	23-1/2	10-5/8	30	36	29-3/4	9-1/4
404TS	30-1/2	66-1/2	23-1/2	14-1/2	30	36	29-5/8	10-1/4
404T	30-1/2	66-1/2	23-1/2	14-1/2	30	36	32-5/8	10-1/4
405TS	31-1/4	72-1/2	25-1/2	14-3/4	33	38	31-1/8	10-1/4
405T	31-1/4	72-1/2	25-1/2	14-3/4	33	38	34-1/8	10-1/4
444TS	31-1/4	72-1/2	25-1/2	14-3/4	33	38	34-1/8	11-1/4
444T	31-1/4	72-1/2	25-1/2	14-3/4	33	38	37-7/8	11-1/4
445TS	31-1/4	72-1/2	25-1/2	14-3/4	33	38	36-1/8	11-1/4
445T	31-1/4	72-1/2	25-1/2	14-3/4	33	38	39-7/8	11-1/4

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

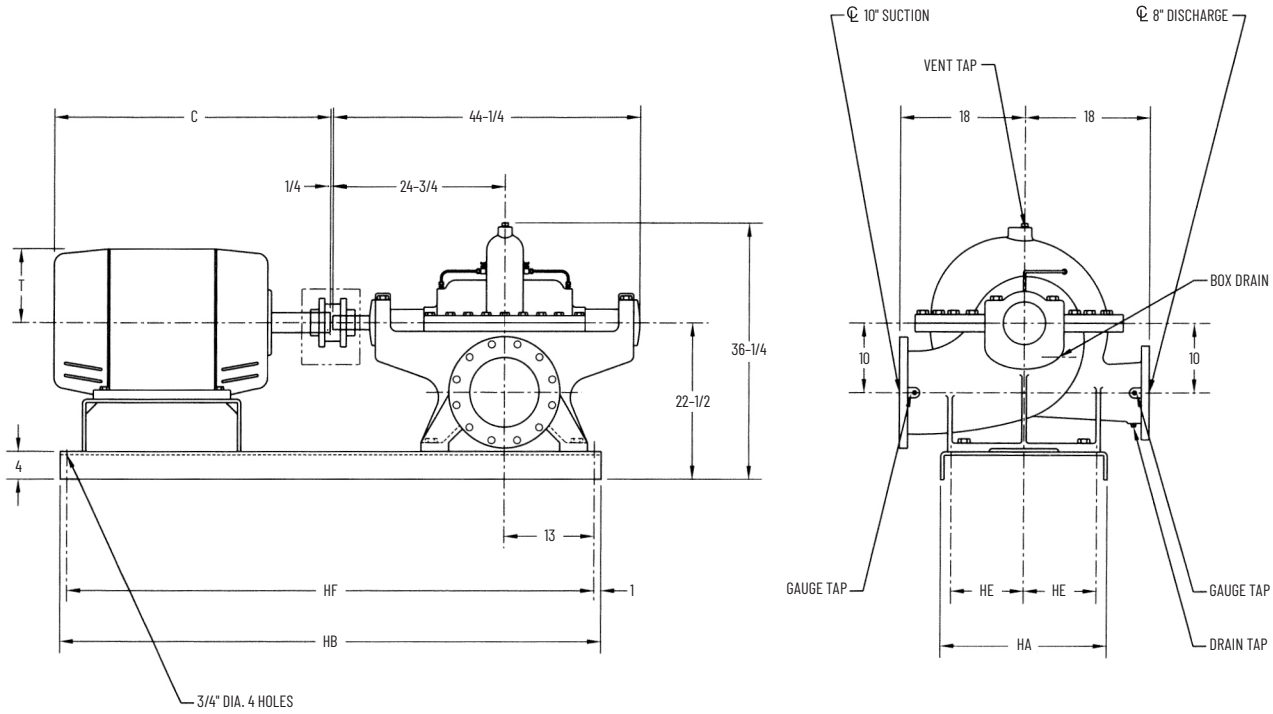
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 8" 5824 BENT FORM BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
286TS	24	66	10-1/2	64	23-5/8	7
286T	24	66	10-1/2	64	25	7
324TS	24	66	10-1/2	64	24-5/8	8
324T	24	66	10-1/2	64	26-1/8	8
326TS	24	66	10-1/2	64	26-1/8	8
326T	24	66	10-1/2	64	27-5/8	8
364TS	24	78	10-1/2	76	26-5/8	9-1/4
364T	24	78	10-1/2	76	28-3/4	9-1/4
365TS	24	78	10-1/2	76	27-5/8	9-1/4

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
365T	24	78	10-1/2	64	29-3/4	9-1/4
404TS	24	78	10-1/2	76	29-5/8	10-1/4
404T	24	78	10-1/2	76	32-5/8	10-1/4
405TS	24	78	10-1/2	76	31-1/8	10-1/4
405T	24	78	10-1/2	76	34-1/8	10-1/4
444TS	24	78	10-1/2	76	34-1/8	11-1/4
444T	24	78	10-1/2	76	37-7/8	11-1/4
445TS	24	78	10-1/2	76	36-1/8	11-1/4
445T	24	78	10-1/2	76	39-7/8	11-1/4

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

All dimensions are in inches unless noted.

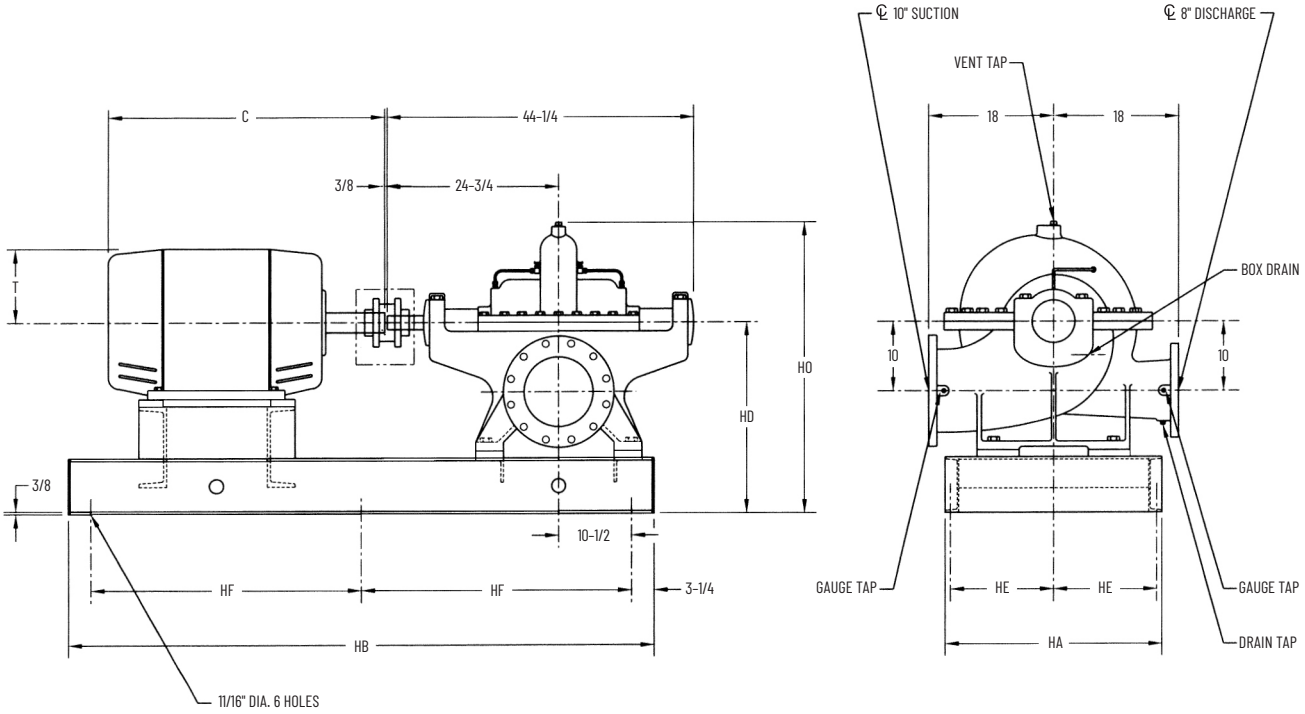
Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

For motor frames larger than 445 see structural steel base setting plan.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 8" 5824 OPTIONAL STRUCTURAL BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS								
MOTOR FRAME SIZE	BASE						MOTOR	
	HA	HB	HD	HE	HF	HO	C	T
286TS	30-1/2	66-1/2	25-1/2	14-1/2	30	42-1/2	23-5/8	7
286T	30-1/2	66-1/2	25-1/2	14-1/2	30	42-1/2	25	7
324TS	30-1/2	66-1/2	25-1/2	14-1/2	30	42-1/2	24-5/8	8
324T	30-1/2	66-1/2	25-1/2	14-1/2	30	42-1/2	26-1/8	8
326TS	30-1/2	66-1/2	25-1/2	14-1/2	30	42-1/2	26-1/8	8
326T	30-1/2	66-1/2	25-1/2	14-1/2	30	42-1/2	27-5/8	8
364TS	30-1/2	66-1/2	25-1/2	14-1/2	30	42-1/2	26-5/8	9-1/4
364T	30-1/2	66-1/2	25-1/2	14-1/2	30	42-1/2	28-3/4	9-1/4
365TS	30-1/2	66-1/2	25-1/2	14-1/2	30	42-1/2	27-5/8	9-1/4
365T	30-1/2	66-1/2	25-1/2	14-1/2	30	42-1/2	29-3/4	9-1/4
404TS	31-1/4	72-1/2	27-1/2	14-3/4	33	44-1/2	29-5/8	10-1/4

UNIT DIMENSIONS								
MOTOR FRAME SIZE	BASE						MOTOR	
	HA	HB	HD	HE	HF	HO	C	T
404T	31-1/4	72-1/2	27-1/2	14-3/4	33	44-1/2	32-5/8	10-1/4
405TS	31-1/4	72-1/2	27-1/2	14-3/4	33	44-1/2	31-1/8	10-1/4
405T	31-1/4	72-1/2	27-1/2	14-3/4	33	44-1/2	34-1/8	10-1/4
444TS	31-1/4	72-1/2	27-1/2	14-3/4	33	44-1/2	34-1/8	11-1/4
444T	31-1/4	72-1/2	27-1/2	14-3/4	33	44-1/2	37-7/8	11-1/4
445TS	31-1/4	72-1/2	27-1/2	14-3/4	33	44-1/2	36-1/8	11-1/4
445T	31-1/4	84-1/2	27-1/2	14-3/4	39	44-1/2	39-7/8	11-1/4
447TS (5)	31-1/4	84-1/2	27-1/2	14-3/4	39	44-1/2	39-5/8	11-1/4
447T (5)	31-1/4	84-1/2	27-1/2	14-3/4	39	44-1/2	43-3/8	11-1/4
449TS (5)	31-1/4	84-1/2	27-1/2	14-3/4	39	44-1/2	44-5/8	11-1/4
449T (5)	31-1/4	84-1/2	27-1/2	14-3/4	39	44-1/2	48-1/4	11-1/4

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

All dimensions are in inches unless noted.

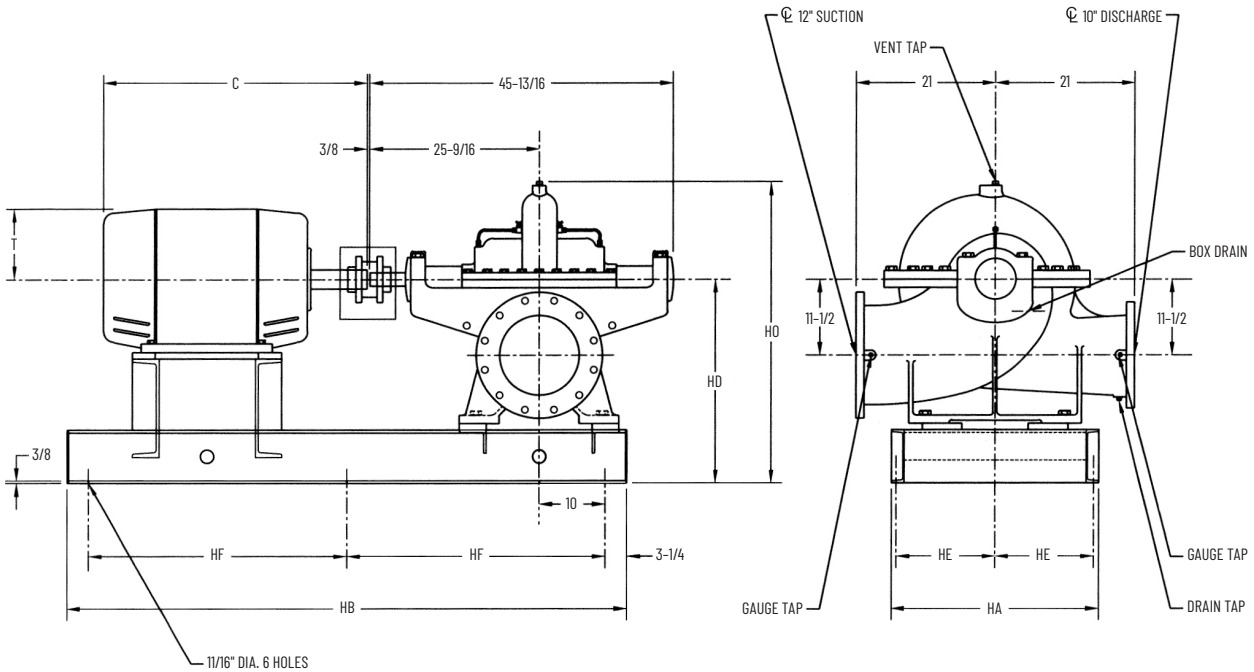
Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Structural steel bases are standard for motor frames above 445T.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 10" 5824 STRUCTURAL BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS								
MOTOR FRAME SIZE	BASE						MOTOR	
	HA	HB	HD	HE	HF	HO	C	T
326TS	30-1/2	66-1/2	28-3/4	14-1/2	30	43-1/4	26-1/8	8
326T	30-1/2	66-1/2	28-3/4	14-1/2	30	43-1/4	27-5/8	8
364TS	30-1/2	66-1/2	28-3/4	14-1/2	30	43-1/4	26-5/8	9-1/4
364T	30-1/2	66-1/2	28-3/4	14-1/2	30	43-1/4	28-3/4	9-1/4
365TS	30-1/2	66-1/2	28-3/4	14-1/2	30	43-1/4	27-5/8	9-1/4
365T	30-1/2	66-1/2	28-3/4	14-1/2	30	43-1/4	29-3/4	9-1/4
404TS	31-1/4	72-1/2	30-3/4	14-3/4	33	45-1/4	29-5/8	10-1/4
404T	31-1/4	72-1/2	30-3/4	14-3/4	33	45-1/4	32-5/8	10-1/4
405TS	31-1/4	72-1/2	30-3/4	14-3/4	33	45-1/4	31-1/8	10-1/4

UNIT DIMENSIONS								
MOTOR FRAME SIZE	BASE						MOTOR	
	HA	HB	HD	HE	HF	HO	C	T
405T	31-1/4	72-1/2	30-3/4	14-3/4	33	45-1/4	34-1/8	10-1/4
444TS	31-1/4	72-1/2	30-3/4	14-3/4	33	45-1/4	34-1/8	11-1/4
444T	31-1/4	72-1/2	30-3/4	14-3/4	33	45-1/4	37-7/8	11-1/4
445TS	31-1/4	84-1/2	30-3/4	14-3/4	39	45-1/4	36-1/8	11-1/4
445T	31-1/4	84-1/2	30-3/4	14-3/4	39	45-1/4	39-7/8	11-1/4
447TS (5)	31-1/4	84-1/2	30-3/4	14-3/4	39	45-1/4	39-5/8	11-1/4
447T (5)	31-1/4	84-1/2	30-3/4	14-3/4	39	45-1/4	43-3/8	11-1/4
449TS (5)	31-1/4	84-1/2	30-3/4	14-3/4	39	45-1/4	44-5/8	11-1/4
449T (5)	31-1/4	84-1/2	30-3/4	14-3/4	39	45-1/4	48-1/4	11-1/4

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

All dimensions are in inches unless noted.

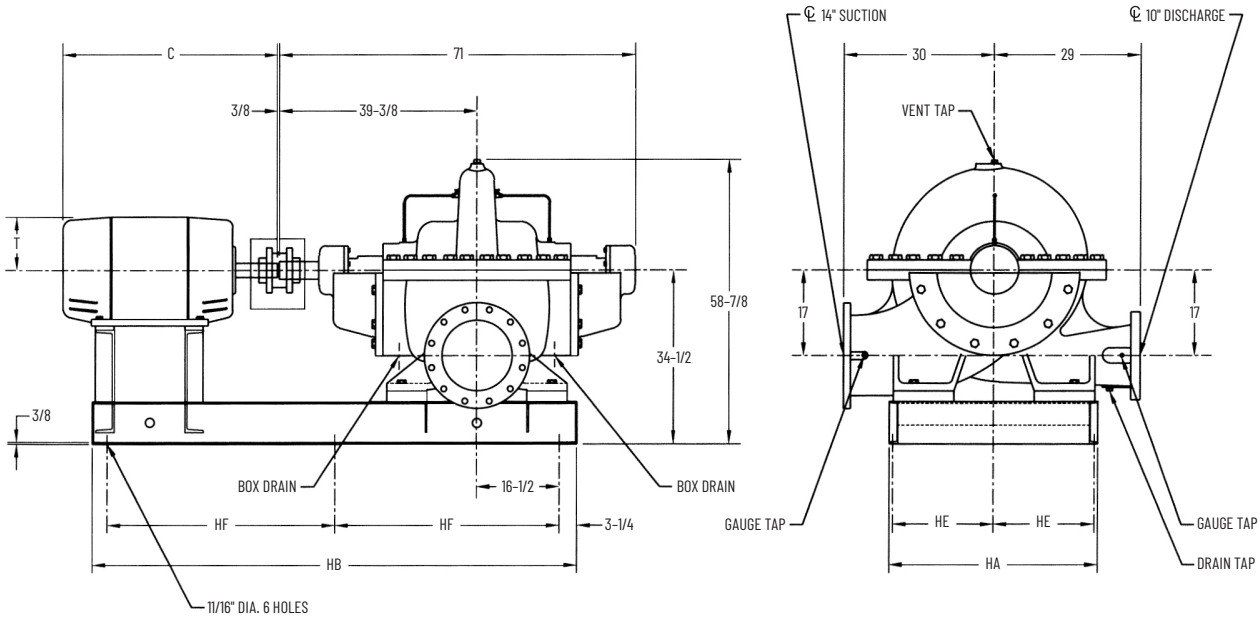
Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Structural steel bases are standard for motor frames above 445T.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 10" 5825 STRUCTURAL BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
444TS	41-1/2	96-1/2	19-7/8	45	34-1/8	11-1/4
444T	41-1/2	96-1/2	19-7/8	45	37-7/8	11-1/4
445TS	41-1/2	96-1/2	19-7/8	45	36-1/8	11-1/4
445T	41-1/2	96-1/2	19-7/8	45	39-7/8	11-1/4
447TS	41-1/2	96-1/2	19-7/8	45	39-5/8	11-1/4

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
447T	41-1/2	96-1/2	19-7/8	45	43-1/4	11-1/4
449TS	41-1/2	96-1/2	19-7/8	45	44-5/8	11-1/4
449T	41-1/2	96-1/2	19-7/8	45	48-1/8	11-1/4
CONSULT FACTORY FOR LARGER MOTORS						

NOTES:

Discharge flanges are standard 250# ANSI drilling.

Suction flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

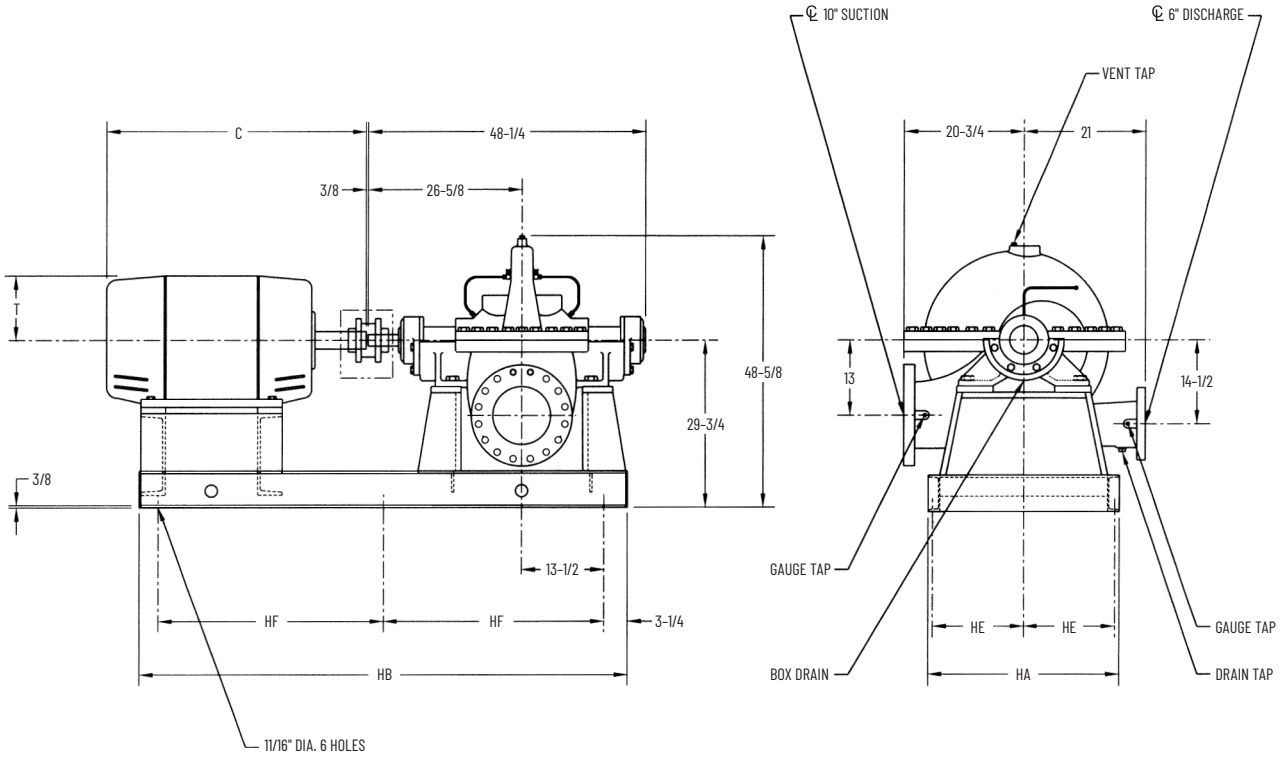
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 6" 5826 STRUCTURAL BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
286TS	31-1/4	72-1/2	14-3/4	33	23-5/8	7
286T	31-1/4	72-1/2	14-3/4	33	25	7
324TS	31-1/4	72-1/2	14-3/4	33	24-5/8	7
324T	31-1/4	72-1/2	14-3/4	33	26-1/8	7
326TS	31-1/4	72-1/2	14-3/4	33	26-1/8	8
326T	31-1/4	72-1/2	14-3/4	33	27-5/8	8
364TS	31-1/4	72-1/2	14-3/4	33	26-5/8	9-1/4
364T	31-1/4	72-1/2	14-3/4	33	28-3/4	9-1/4
365TS	31-1/4	72-1/2	14-3/4	33	27-5/8	9-1/4
365T	31-1/4	72-1/2	14-3/4	33	29-3/4	9-1/4
404TS	31-1/4	72-1/2	14-3/4	33	29-5/8	10-1/4
404T	31-1/4	72-1/2	14-3/4	33	32-5/8	10-1/4

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
405TS	31-1/4	84-1/2	14-3/4	39	31-1/8	10-1/4
405T	31-1/4	84-1/2	14-3/4	39	34-1/8	10-1/4
444TS	31-1/4	84-1/2	14-3/4	39	34-1/8	11-1/4
444T	31-1/4	84-1/2	14-3/4	39	37-7/8	11-1/4
445TS	31-1/4	84-1/2	14-3/4	39	36-1/8	11-1/4
445T	31-1/4	84-1/2	14-3/4	39	39-7/8	11-1/4
447TS	31-1/4	84-1/2	14-3/4	39	39-5/8	11-1/4
447T	31-1/4	84-1/2	14-3/4	39	43-1/4	11-1/4
449TS	31-1/4	84-1/2	14-3/4	39	44-5/8	11-1/4
449T	31-1/4	84-1/2	14-3/4	39	48-1/8	11-1/4
CONSULT FACTORY FOR LARGER MOTORS						

NOTES:

All flanges are 250# ANSI drilling unless noted.

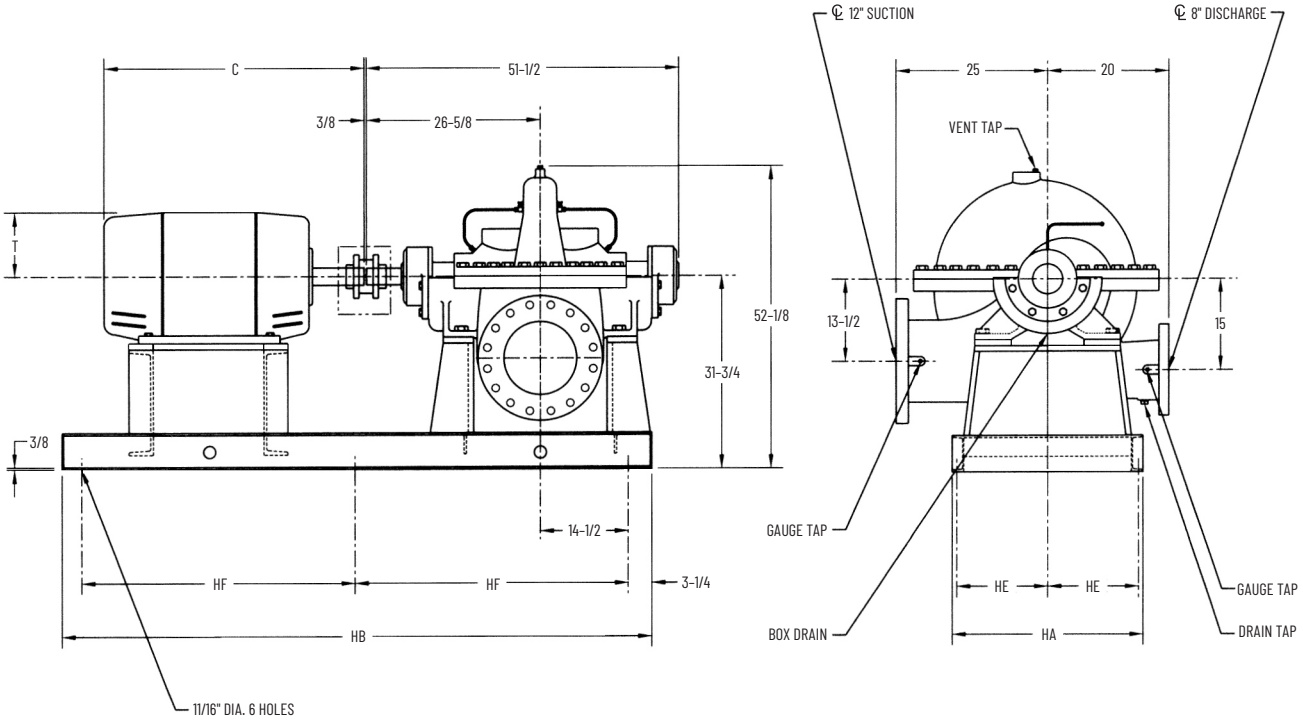
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 8" 5826 STRUCTURAL BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
326TS	31-1/4	72-1/2	14-3/4	33	26-1/8	8
326T	31-1/4	72-1/2	14-3/4	33	27-5/8	8
364TS	31-1/4	72-1/2	14-3/4	33	26-5/8	9-1/4
364T	31-1/4	72-1/2	14-3/4	33	28-3/4	9-1/4
365TS	31-1/4	84-1/2	14-3/4	39	27-5/8	9-1/4
365T	31-1/4	84-1/2	14-3/4	39	29-3/4	9-1/4
404TS	31-1/4	84-1/2	14-3/4	39	29-5/8	10-1/4
404T	31-1/4	84-1/2	14-3/4	39	32-5/8	10-1/4
405TS	31-1/4	84-1/2	14-3/4	39	31-1/8	10-1/4
405T	31-1/4	84-1/2	14-3/4	39	34-1/8	10-1/4

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
444TS	31-1/4	84-1/2	14-3/4	39	34-1/8	11-1/4
444T	31-1/4	84-1/2	14-3/4	39	37-7/8	11-1/4
445TS	31-1/4	84-1/2	14-3/4	39	36-1/8	11-1/4
445T	31-1/4	84-1/2	14-3/4	39	39-7/8	11-1/4
447TS	31-1/4	84-1/2	14-3/4	39	39-5/8	11-1/4
447T	31-1/4	96-1/2	14-3/4	45	43-1/4	11-1/4
449TS	31-1/4	96-1/2	14-3/4	45	44-5/8	11-1/4
449T	31-1/4	96-1/2	14-3/4	45	48-1/8	11-1/4
CONSULT FACTORY FOR LARGER MOTORS						

NOTES:

All flanges are 250# ANSI drilling unless noted.

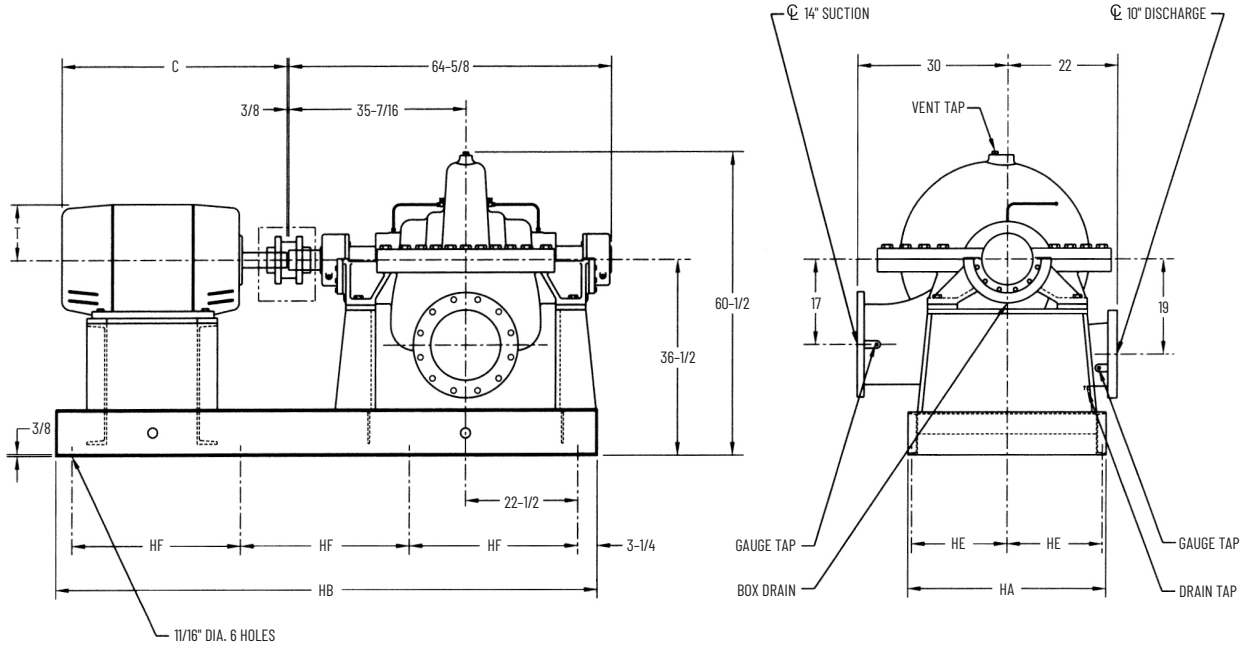
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 10" 5826 STRUCTURAL BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
447TS	39-1/2	108-1/2	18-7/8	34	39-5/8	11-1/4
447T	39-1/2	108-1/2	18-7/8	34	43-1/4	11-1/4
449TS	39-1/2	108-1/2	18-7/8	34	44-5/8	11-1/4
449T	39-1/2	108-1/2	18-7/8	34	48-1/8	11-1/4

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
CONSULT FACTORY FOR LARGER MOTORS						

NOTES:

All flanges are 250# ANSI drilling unless noted.

All dimensions are in inches unless noted.

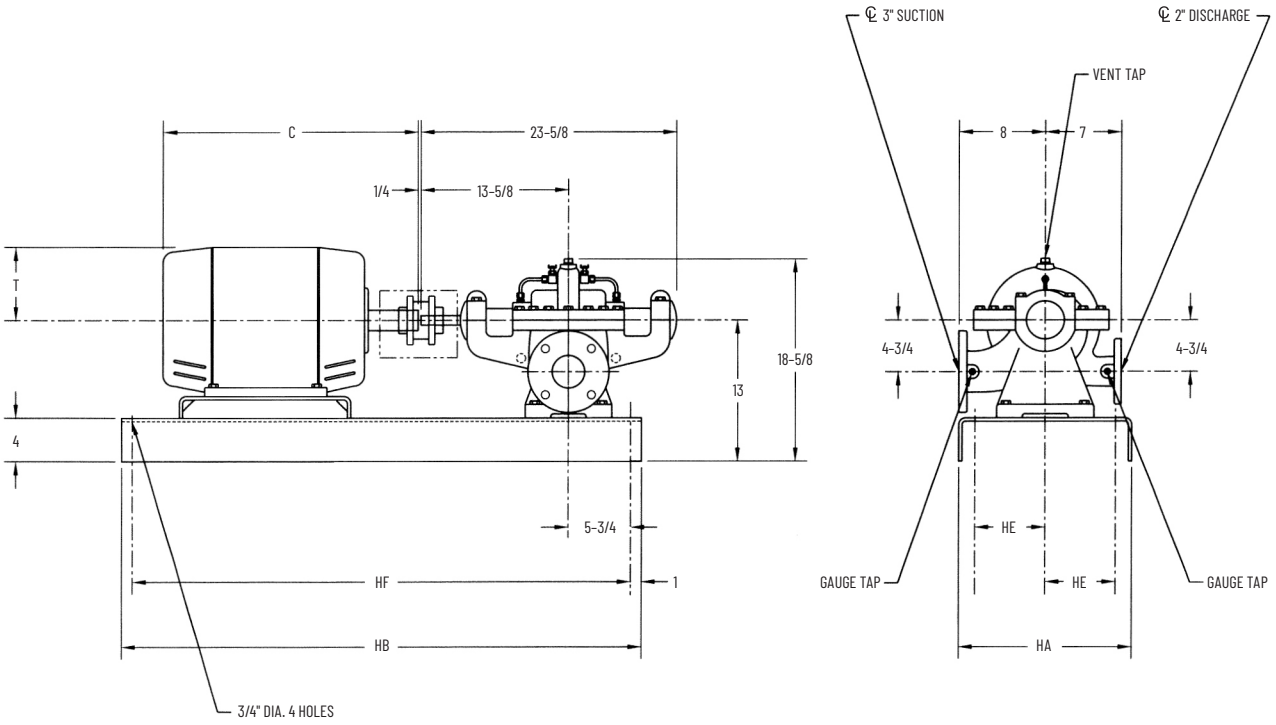
Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Suction flange is 125# ANSI drilling.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 2" 5874A BENT FORM BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
143T	16	42	6-1/2	40	11-5/8	3-5/8
145T	16	42	6-1/2	40	12-5/8	3-5/8
182T	16	42	6-1/2	40	13-3/4	4-3/4
184T	16	42	6-1/2	40	14-3/4	4-3/4
213T	16	42	6-1/2	40	16	5-1/8

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
215T	16	42	6-1/2	40	17-1/2	5-1/8
254T	16	48	6-1/2	46	20-5/8	6-3/8
256T	16	48	6-1/2	46	22-3/8	6-3/8
284TS	16	48	6-1/2	46	22-1/8	7
284T	16	48	6-1/2	46	23-1/2	7

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

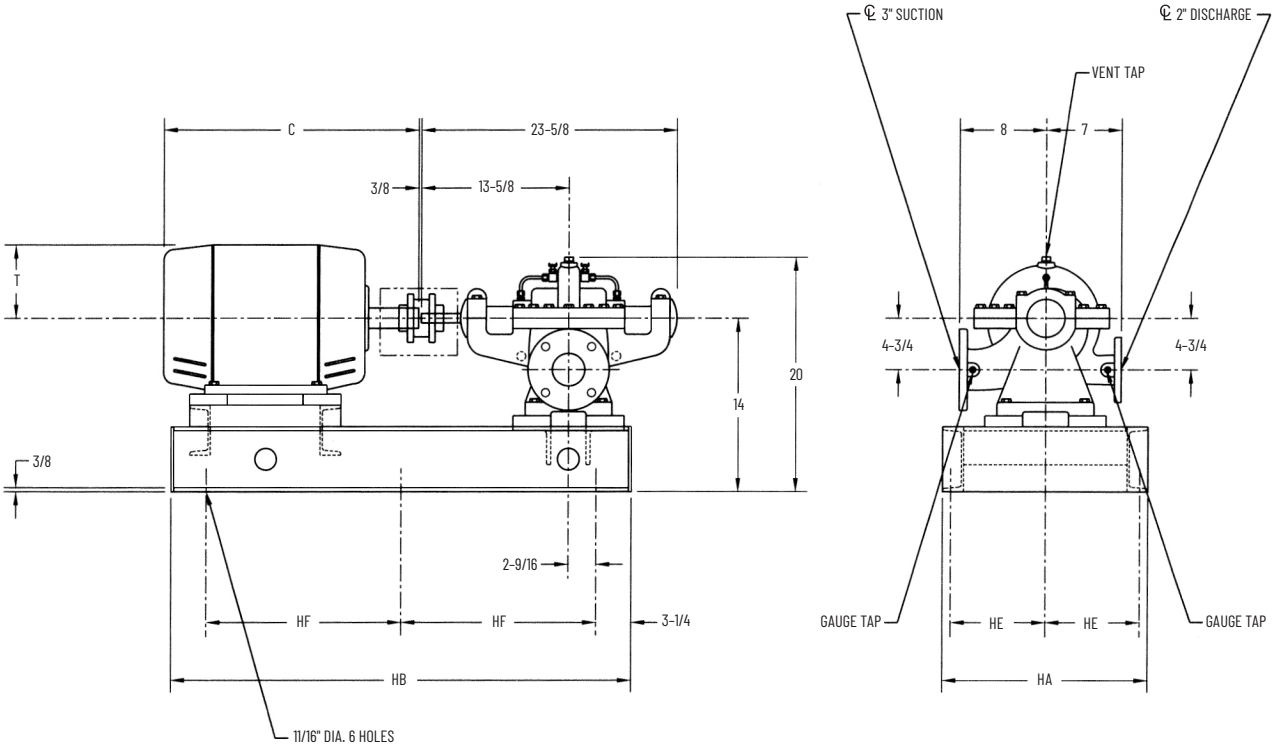
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 2" 5874A OPTIONAL STRUCTURAL BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
143T	22-1/4	36-1/2	10-1/2	15	11-5/8	3-5/8
145T	22-1/4	36-1/2	10-1/2	15	12-5/8	3-5/8
182T	22-1/4	36-1/2	10-1/2	15	13-3/4	4-3/4
184T	22-1/4	36-1/2	10-1/2	15	14-3/4	4-3/4
213T	22-1/4	36-1/2	10-1/2	15	16	5-1/8

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
215T	22-1/4	36-1/2	10-1/2	15	17-1/2	5-1/8
254T	22-1/4	42-1/2	10-1/2	18	20-5/8	6-3/8
256T	22-1/4	42-1/2	10-1/2	18	22-3/8	6-3/8
284TS	22-1/4	42-1/2	10-1/2	18	22-1/8	7
284T	22-1/4	42-1/2	10-1/2	18	23-1/2	7

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

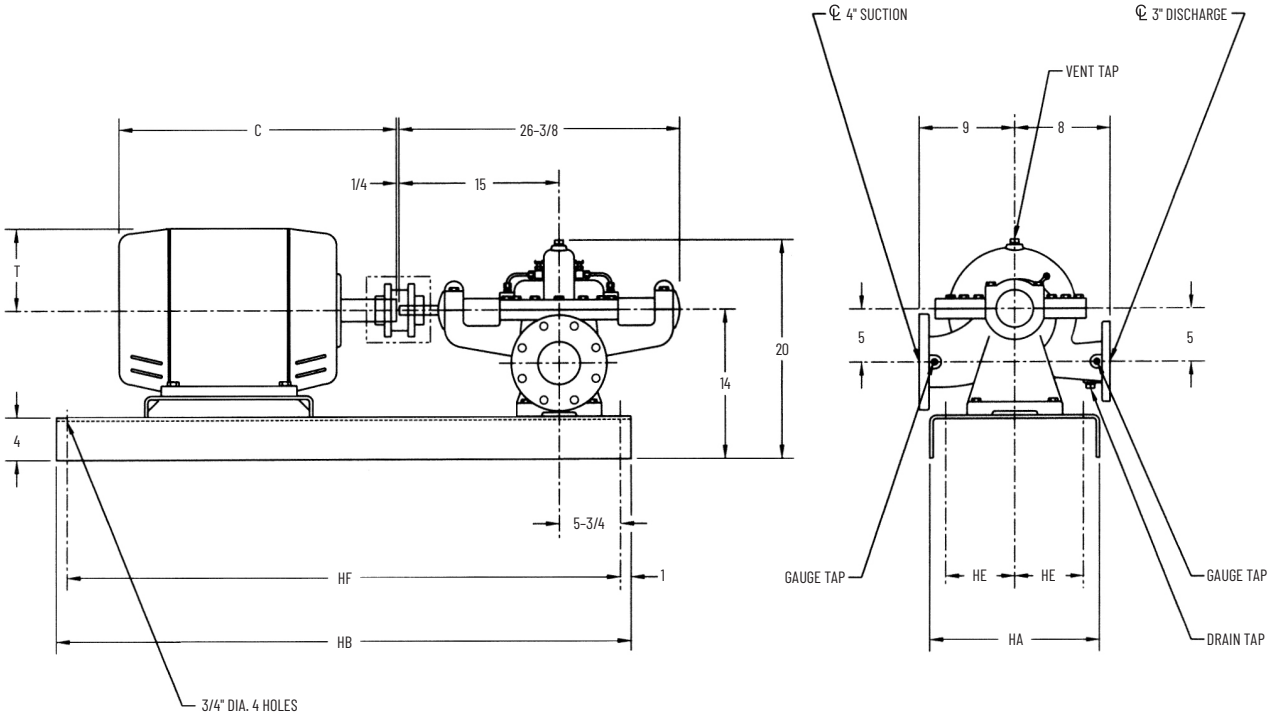
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 3" 5874A BENT FORM BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
145T	16	42	6-1/2	40	12-5/8	3-5/8
182T	16	42	6-1/2	40	13-3/4	4-3/4
184T	16	42	6-1/2	40	14-3/4	4-3/4
213T	16	42	6-1/2	40	16	5-1/8
215T	16	42	6-1/2	40	17-1/2	5-1/8
254T	16	48	6-1/2	46	20-5/8	6-3/8
256T	16	48	6-1/2	46	22-3/8	6-3/8

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
284TS	16	48	6-1/2	46	22-1/8	7
284T	16	48	6-1/2	46	23-1/2	7
286TS	16	48	6-1/2	46	23-5/8	7
286T	16	48	6-1/2	46	25	7
324TS	18	54	7-1/2	52	24-5/8	8
324T	18	54	7-1/2	52	26-1/8	8

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

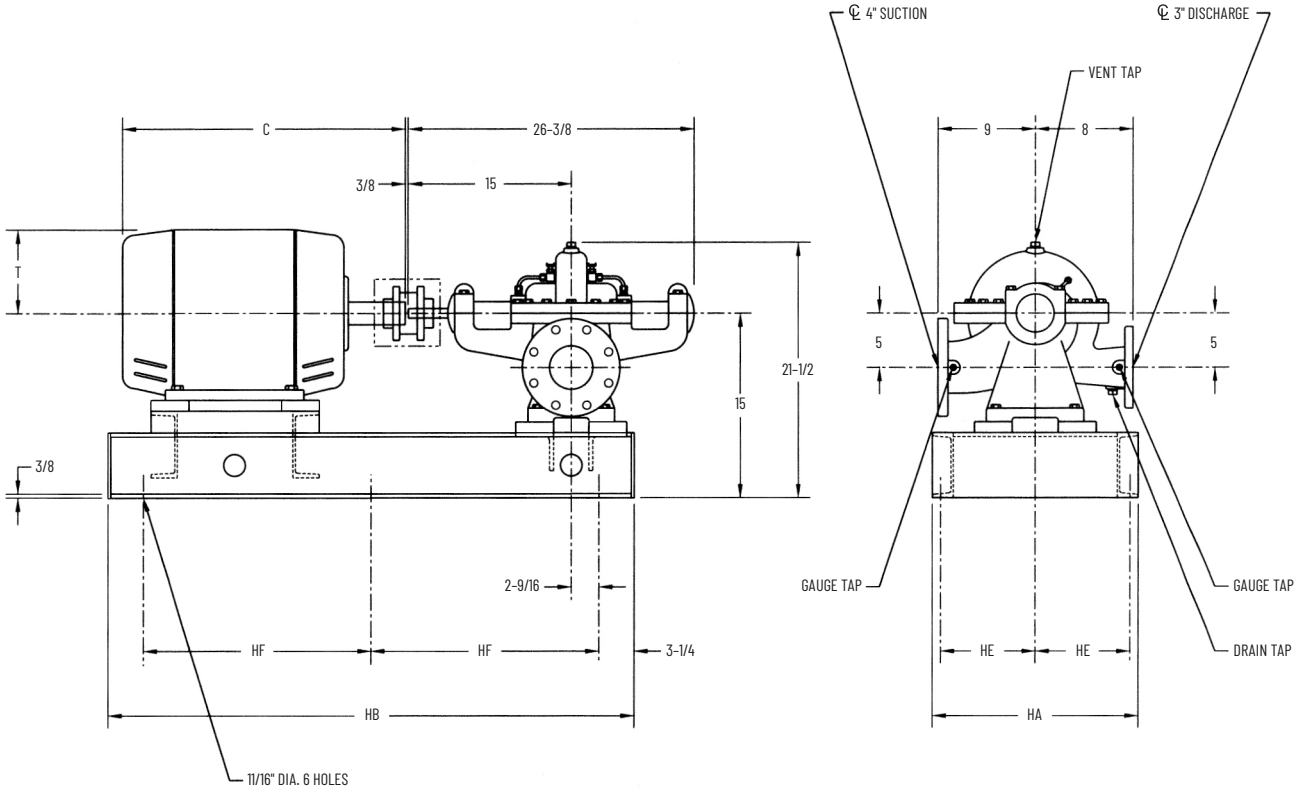
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 3" 5874A OPTIONAL STRUCTURAL BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
145T	22-1/4	36-1/2	10-1/2	15	12-5/8	3-5/8
182T	22-1/4	36-1/2	10-1/2	15	13-3/4	4-3/4
184T	22-1/4	36-1/2	10-1/2	15	14-3/4	4-3/4
213T	22-1/4	36-1/2	10-1/2	15	16	5-1/8
215T	22-1/4	42-1/2	10-1/2	18	17-1/2	5-1/8
254T	22-1/4	42-1/2	10-1/2	18	20-5/8	6-3/8
256T	22-1/4	42-1/2	10-1/2	18	22-3/8	6-3/8

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
284TS	22-1/4	42-1/2	10-1/2	18	22-1/8	7
284T	22-1/4	42-1/2	10-1/2	18	23-1/2	7
286TS	22-1/4	48-1/2	10-1/2	21	23-5/8	7
286T	22-1/4	48-1/2	10-1/2	21	25	7
324TS	22-1/4	48-1/2	10-1/2	21	24-5/8	8
324T	22-1/4	48-1/2	10-1/2	21	26-1/8	8

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

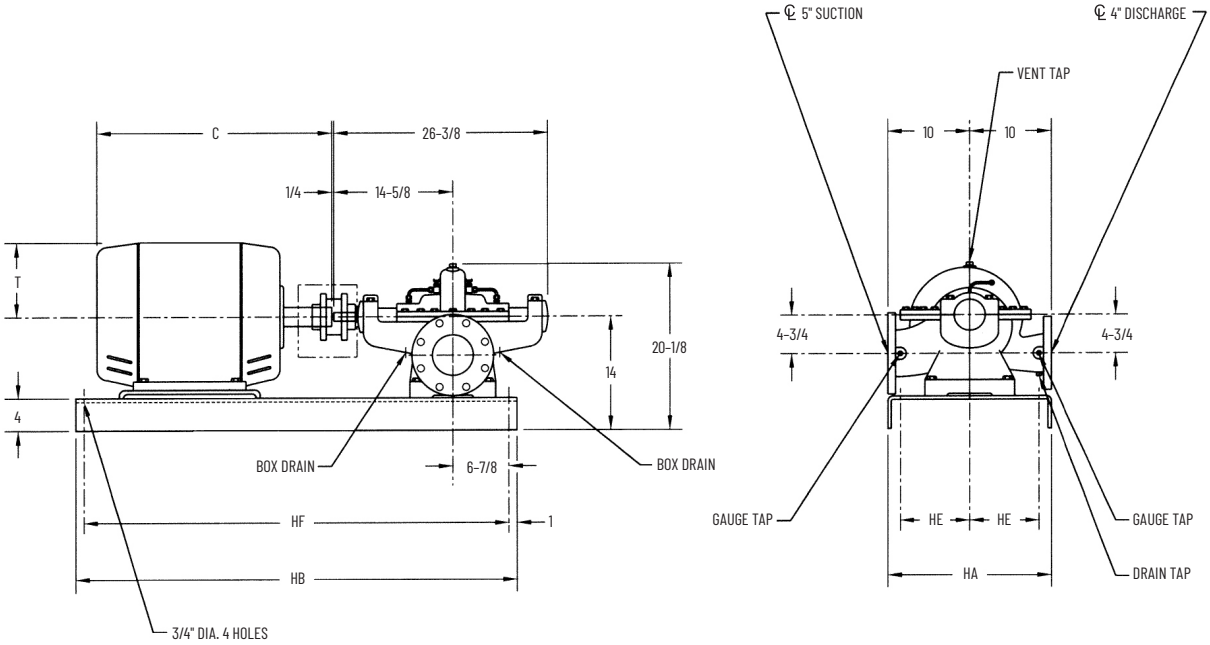
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 4" 5874A BENT FORM BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
145T	16	42	6-1/2	40	12-5/8	3-5/8
182T	16	42	6-1/2	40	13-3/4	4-3/4
184T	16	42	6-1/2	40	14-3/4	4-3/4
213T	16	42	6-1/2	40	16	5-1/8
215T	16	42	6-1/2	40	17-1/2	5-1/8
254T	16	48	6-1/2	46	20-5/8	6-3/8
256T	16	48	6-1/2	46	22-3/8	6-3/8
284TS	16	48	6-1/2	46	22-1/8	7
284T	16	48	6-1/2	46	23-1/2	7

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
286TS	16	48	6-1/2	46	23-5/8	7
286T	16	48	6-1/2	46	25	7
324TS	18	54	7-1/2	52	24-5/8	8
324T	18	54	7-1/2	52	26-1/8	8
326TS	18	54	7-1/2	52	26-1/8	8
326T	18	54	7-1/2	52	27-5/8	8
364TS	20	54	8-1/2	52	26-5/8	9-1/4
364T	20	54	8-1/2	52	28-3/4	9-1/4

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

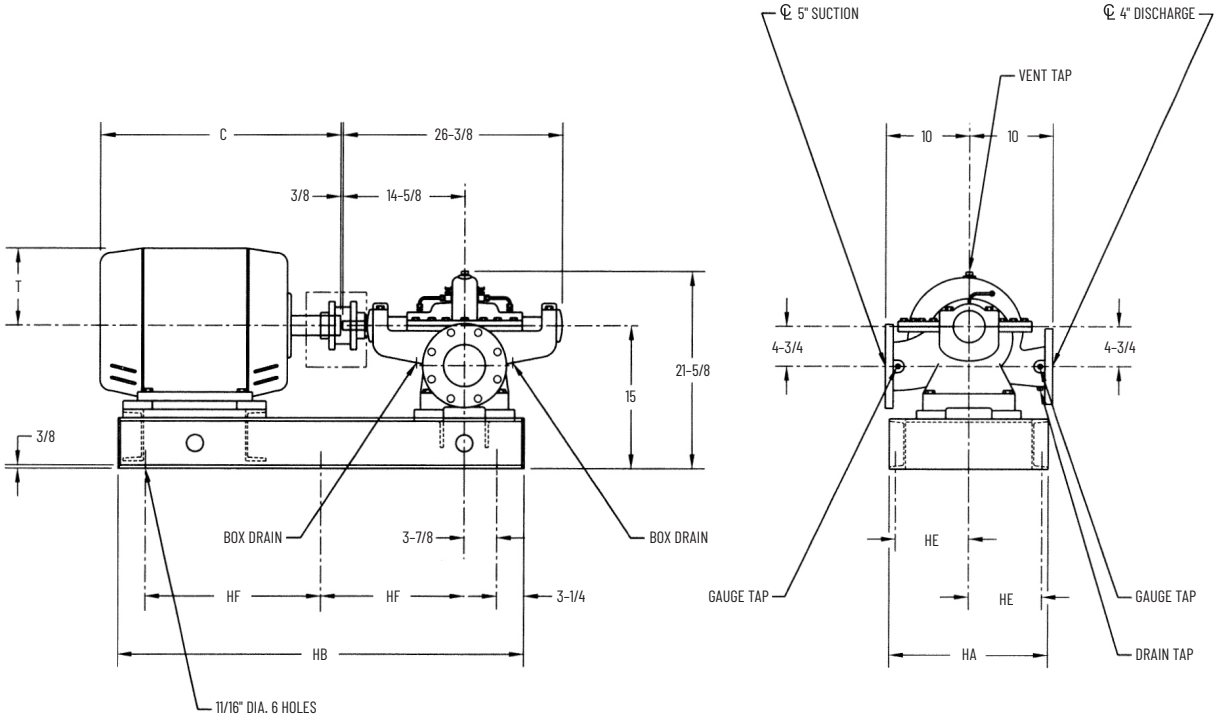
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 4" 5874A OPTIONAL STRUCTURAL BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
145T	22-1/4	36-1/2	10-1/2	15	12-5/8	3-5/8
182T	22-1/4	36-1/2	10-1/2	15	13-3/4	4-3/4
184T	22-1/4	36-1/2	10-1/2	15	14-3/4	4-3/4
213T	22-1/4	36-1/2	10-1/2	15	16	5-1/8
215T	22-1/4	42-1/2	10-1/2	18	17-1/2	5-1/8
254T	22-1/4	42-1/2	10-1/2	18	20-5/8	6-3/8
256T	22-1/4	42-1/2	10-1/2	18	22-3/8	6-3/8
284TS	22-1/4	42-1/2	10-1/2	18	22-1/8	7
284T	22-1/4	42-1/2	10-1/2	18	23-1/2	7

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
286TS	22-1/4	48-1/2	10-1/2	21	23-5/8	7
286T	22-1/4	48-1/2	10-1/2	21	25	7
324TS	22-1/4	48-1/2	10-1/2	21	24-5/8	8
324T	22-1/4	48-1/2	10-1/2	21	26-1/8	8
326TS	22-1/4	48-1/2	10-1/2	21	26-1/8	8
326T	22-1/4	48-1/2	10-1/2	21	27-5/8	8
364TS	22-1/4	48-1/2	10-1/2	21	26-5/8	9-1/4
364T	22-1/4	48-1/2	10-1/2	21	28-3/4	9-1/4

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

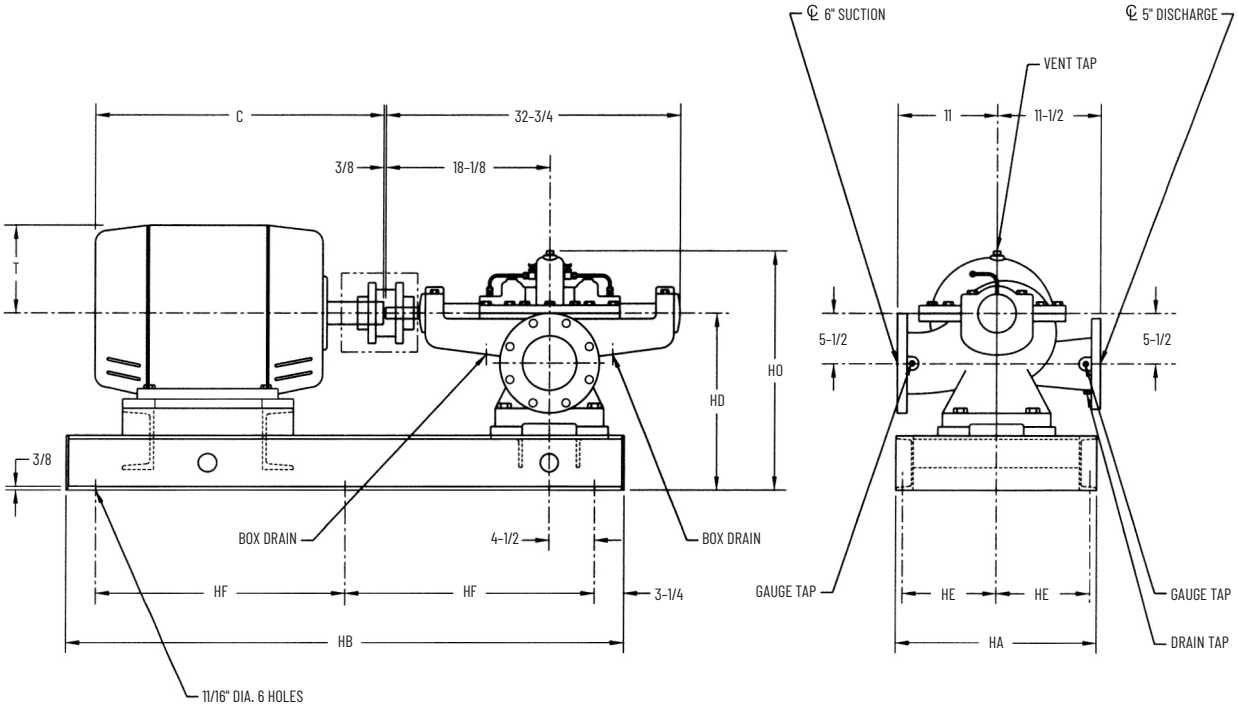
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 5" 5874A STRUCTURAL BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS								
MOTOR FRAME SIZE	BASE						MOTOR	
	HA	HB	HD	HE	HF	HO	C	T
184T	22-1/4	42-1/2	17-1/2	10-1/2	18	24-1/2	14-3/4	4-3/4
213T	22-1/4	42-1/2	17-1/2	10-1/2	18	24-1/2	16	5-1/8
215T	22-1/4	42-1/2	17-1/2	10-1/2	18	24-1/2	17-1/2	5-1/8
254T	22-1/4	48-1/2	17-1/2	10-1/2	21	24-1/2	20-5/8	6-3/8
256T	22-1/4	48-1/2	17-1/2	10-1/2	21	24-1/2	22-3/8	6-3/8
284TS	22-1/4	48-1/2	17-1/2	10-1/2	21	24-1/2	22-1/8	7
284T	22-1/4	48-1/2	17-1/2	10-1/2	21	24-1/2	23-1/2	7
286TS	22-1/4	48-1/2	17-1/2	10-1/2	21	24-1/2	23-5/8	7
286T	22-1/4	48-1/2	17-1/2	10-1/2	21	24-1/2	25	7

UNIT DIMENSIONS								
MOTOR FRAME SIZE	BASE						MOTOR	
	HA	HB	HD	HE	HF	HO	C	T
324TS	22-1/4	48-1/2	17-1/2	10-1/2	21	24-1/2	24-5/8	8
324T	22-1/4	54-1/2	17-1/2	10-1/2	21	24-1/2	26-1/8	8
326TS	22-3/4	54-1/2	19-1/2	10-5/8	24	26-1/2	26-1/8	8
326T	22-3/4	54-1/2	19-1/2	10-5/8	24	26-1/2	27-5/8	8
364TS	22-3/4	54-1/2	19-1/2	10-5/8	24	26-1/2	26-5/8	9-1/4
364T	22-3/4	54-1/2	19-1/2	10-5/8	24	26-1/2	28-3/4	9-1/4
365TS	22-3/4	54-1/2	19-1/2	10-5/8	24	26-1/2	27-5/8	9-1/4
365T	22-3/4	54-1/2	19-1/2	10-5/8	24	26-1/2	29-3/4	9-1/4

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

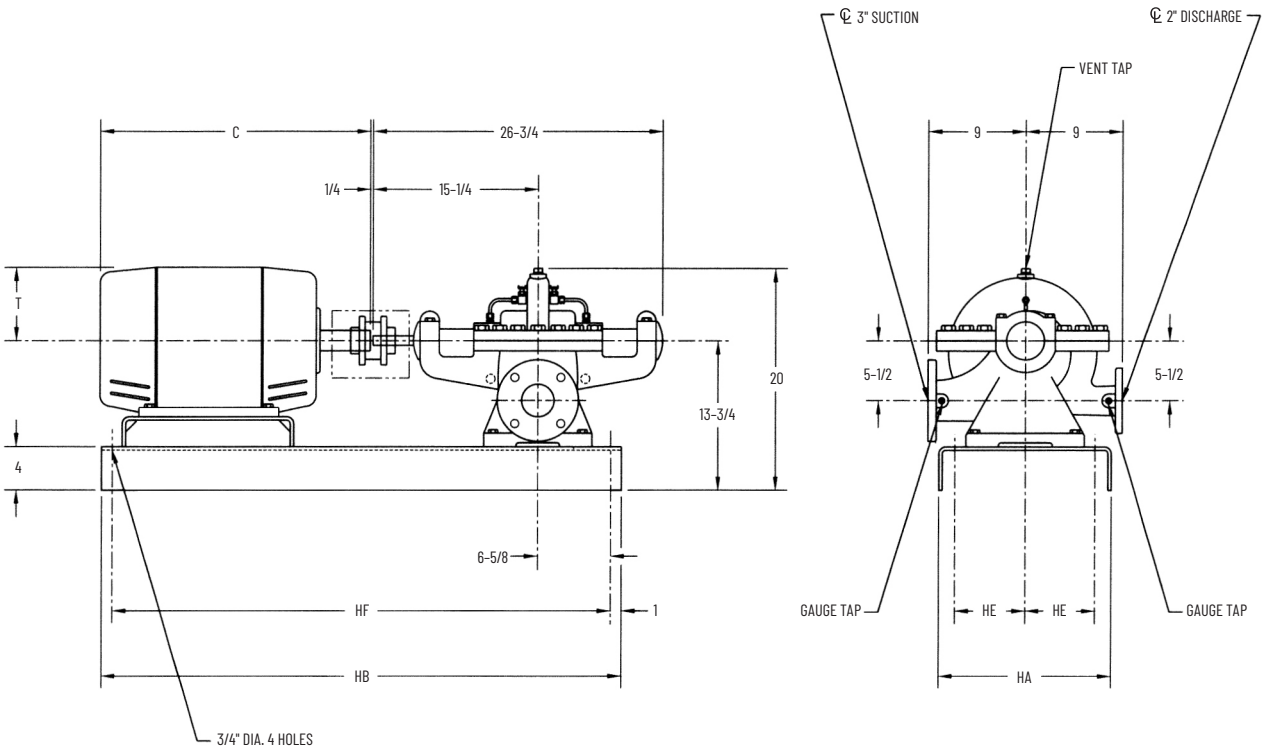
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 2" 5876A BENT FORM BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
215T	16	42	6-1/2	40	17-1/2	5-1/8
254T	16	48	6-1/2	46	20-5/8	6-3/8
256T	16	48	6-1/2	46	22-3/8	6-3/8
284TS	16	48	6-1/2	46	22-1/8	7

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
284T	16	48	6-1/2	46	23-1/2	7
286TS	16	48	6-1/2	46	23-5/8	7
286T	16	48	6-1/2	46	25	7

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

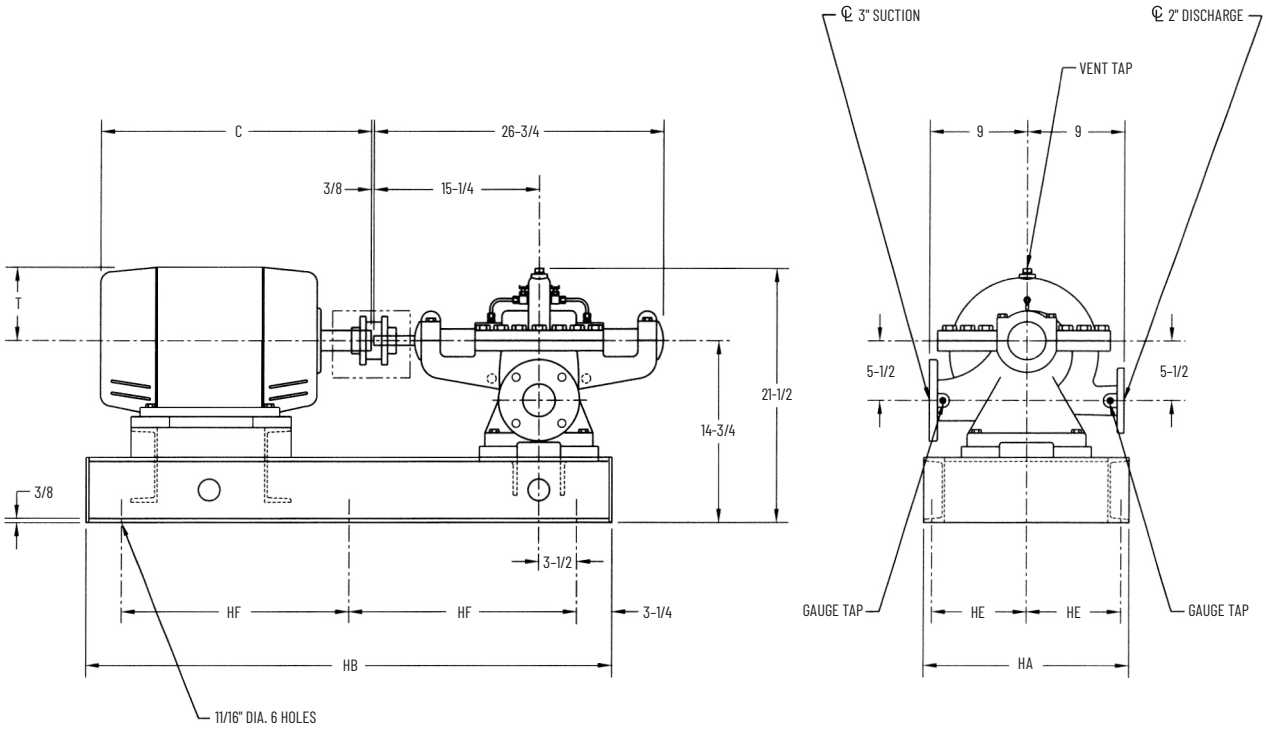
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 2" 5876A OPTIONAL STRUCTURAL BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
215T	22-1/4	42-1/2	10-1/2	18	17-1/2	5-1/8
254T	22-1/4	42-1/2	10-1/2	18	20-5/8	6-3/8
256T	22-1/4	48-1/2	10-1/2	21	22-3/8	6-3/8
284TS	22-1/4	48-1/2	10-1/2	21	22-1/8	7

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
284T	22-1/4	48-1/2	10-1/2	21	23-1/2	7
286TS	22-1/4	48-1/2	10-1/2	21	23-5/8	7
286T	22-1/4	48-1/2	10-1/2	21	25	7

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

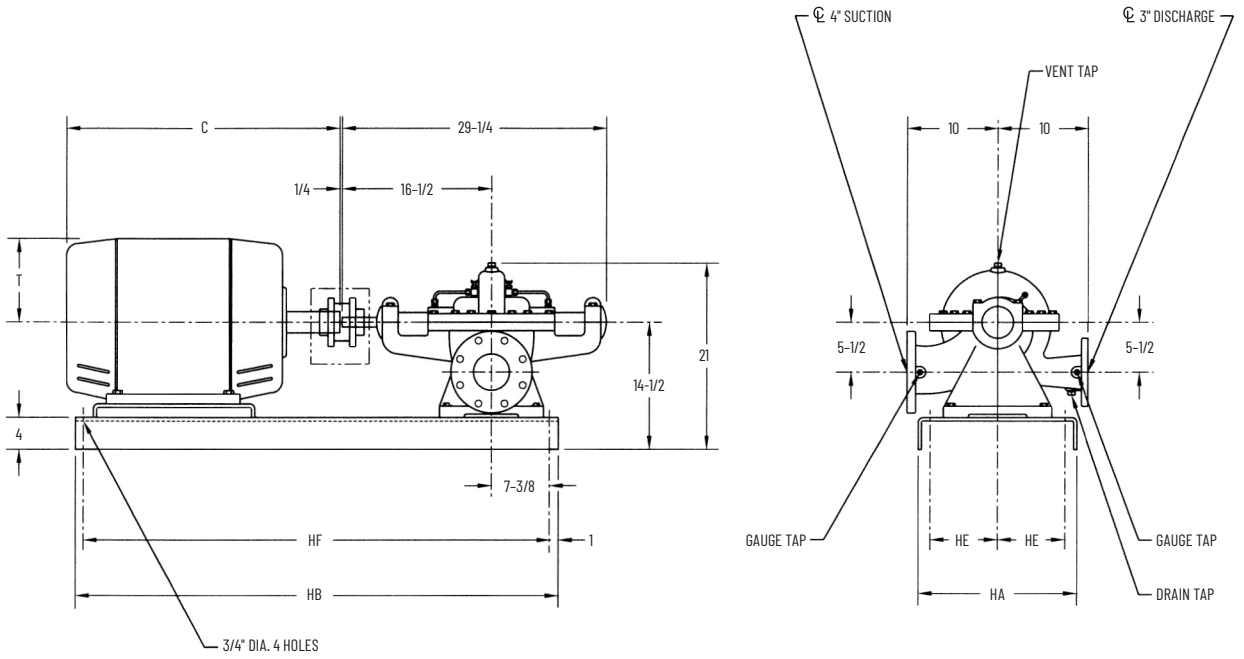
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 3" 5876A BENT FORM BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
256T	16	48	6-1/2	46	22-3/8	6-3/8
284TS	18	54	7-1/2	52	22-1/8	7
284T	18	54	7-1/2	52	23-1/2	7
286TS	18	54	7-1/2	52	23-5/8	7
286T	18	54	7-1/2	52	25	7
324TS	18	54	7-1/2	52	24-5/8	8
324T	18	54	7-1/2	52	26-1/8	8

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
326TS	18	54	7-1/2	52	26-1/8	8
326T	18	54	7-1/2	52	27-5/8	8
364TS	20	54	8-1/2	52	26-5/8	9-1/4
364T	20	54	8-1/2	52	28-3/4	9-1/4
365TS	20	54	8-1/2	52	27-5/8	9-1/4
365T	20	54	8-1/2	52	29-3/4	9-1/4

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

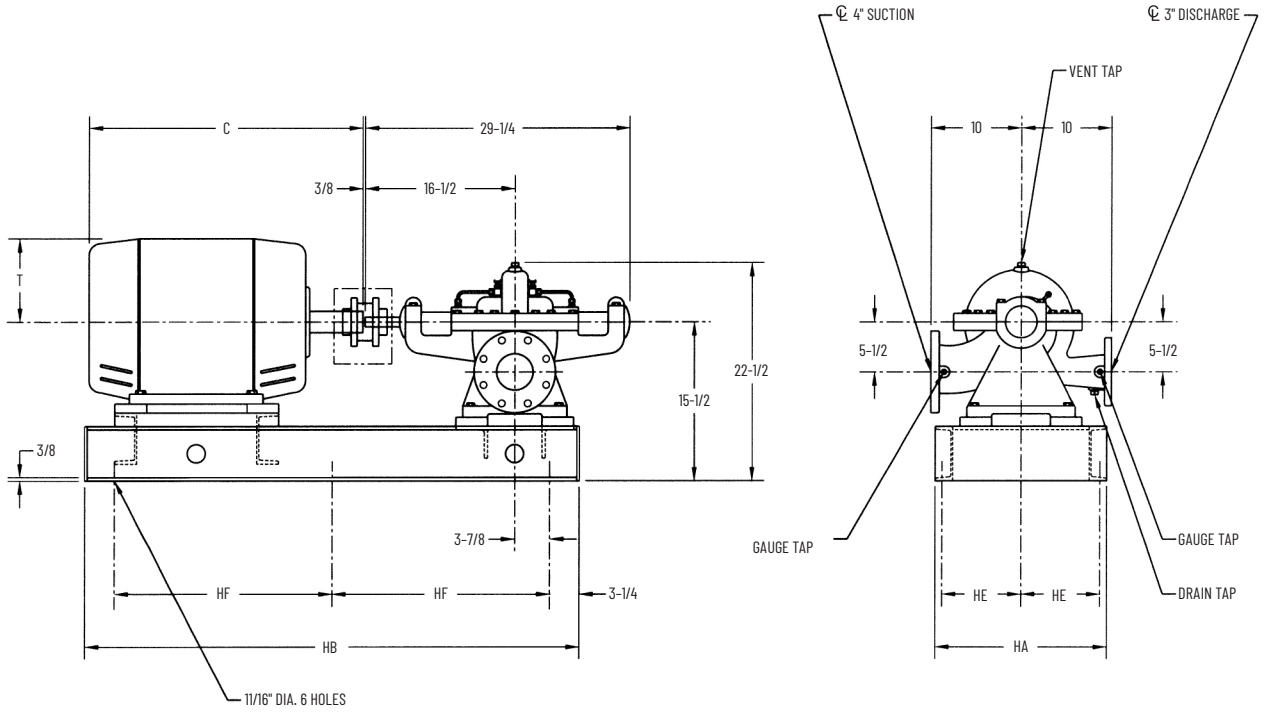
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 3" 5876A OPTIONAL STRUCTURAL BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
256T	22-1/4	48-1/2	10-1/2	21	22-3/8	6-3/8
284TS	22-1/4	48-1/2	10-1/2	21	22-1/8	7
284T	22-1/4	48-1/2	10-1/2	21	23-1/2	7
286TS	22-1/4	48-1/2	10-1/2	21	23-5/8	7
286T	22-1/4	48-1/2	10-1/2	21	25	7
324TS	22-1/4	48-1/2	10-1/2	21	24-5/8	8
324T	22-1/4	48-1/2	10-1/2	21	26-1/8	8

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
326TS	22-1/4	48-1/2	10-1/2	21	26-1/8	8
326T	22-1/4	48-1/2	10-1/2	21	27-5/8	8
364TS	22-1/4	48-1/2	10-1/2	21	26-5/8	9-1/4
364T	22-1/4	54-1/2	10-1/2	24	28-3/4	9-1/4
365TS	22-1/4	48-1/2	10-1/2	21	27-5/8	9-1/4
365T	22-1/4	54-1/2	10-1/2	24	29-3/4	9-1/4

NOTES:

All flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

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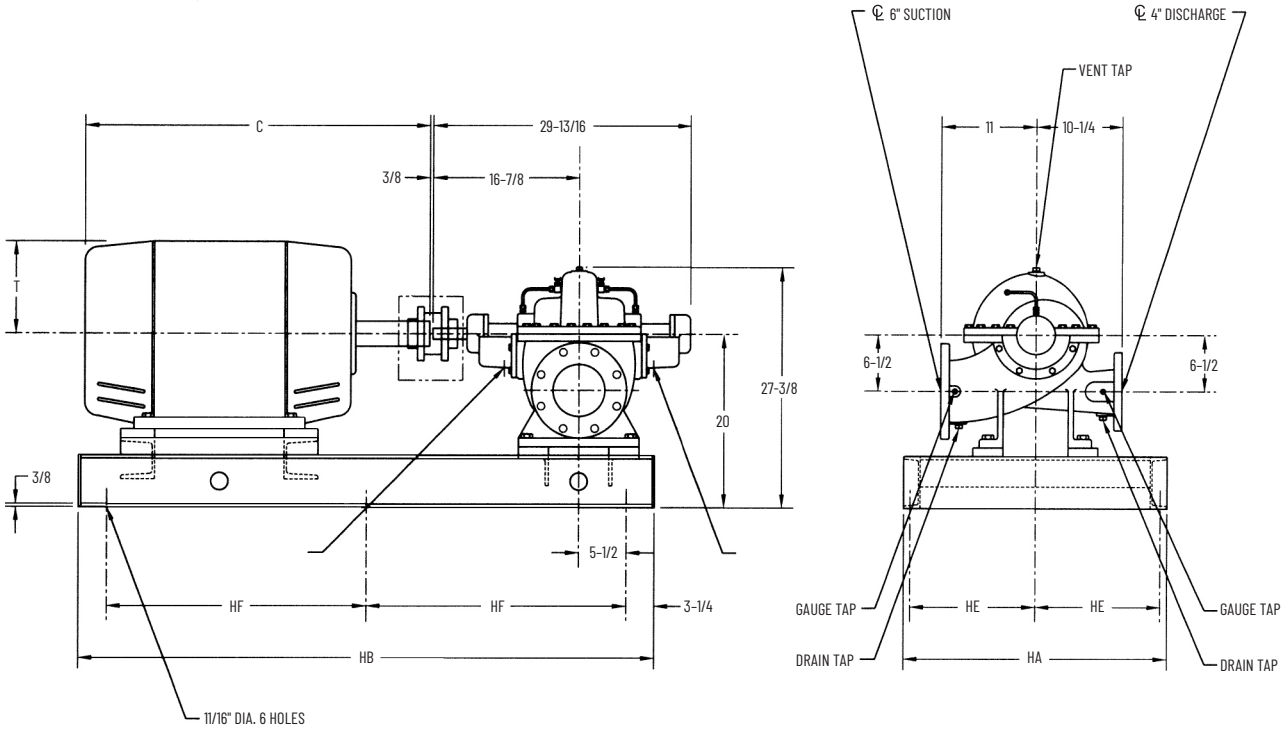
Typical Specifications – SETTING PLAN 4" 5876 STRUCTURAL BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
324TS	30-1/2	54-1/2	14-1/2	24	24-5/8	8
324T	30-1/2	54-1/2	14-1/2	24	26-1/8	8
326TS	30-1/2	54-1/2	14-1/2	24	26-1/8	8
326T	30-1/2	54-1/2	14-1/2	24	27-5/8	8
364TS	30-1/2	54-1/2	14-1/2	24	26-5/8	9-1/4
364T	30-1/2	54-1/2	14-1/2	24	28-3/4	9-1/4
365TS	30-1/2	54-1/2	14-1/2	24	27-5/8	9-1/4
365T	30-1/2	54-1/2	14-1/2	24	29-3/4	9-1/4

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
404TS	30-1/2	54-1/2	14-1/2	24	29-5/8	10-1/4
404T	30-1/2	54-1/2	14-1/2	24	32-5/8	10-1/4
405TS	30-1/2	54-1/2	14-1/2	24	31-1/8	10-1/4
405T	30-1/2	60-1/2	14-1/2	27	34-1/8	10-1/4
444TS	30-1/2	60-1/2	14-1/2	27	34-1/8	11-1/4
444T	30-1/2	60-1/2	14-1/2	27	37-7/8	11-1/4
445TS	30-1/2	60-1/2	14-1/2	27	36-1/8	11-1/4
445T	30-1/2	60-1/2	14-1/2	27	39-7/8	11-1/4

NOTES:

Discharge flanges are standard 250# ANSI drilling.

Suction flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

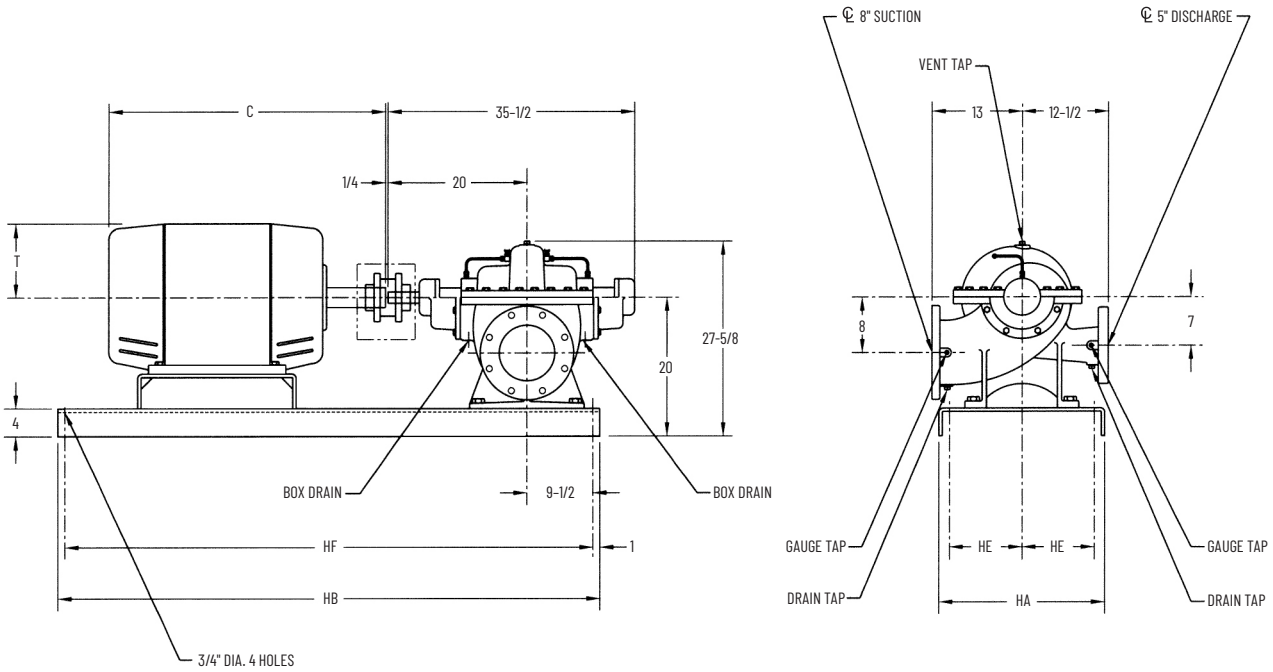
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 5" 5876 BENT FORM BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
324TS	20	60	8-1/2	58	24-5/8	8
324T	20	60	8-1/2	58	26-1/8	8
326TS	20	60	8-1/2	58	26-1/8	8
326T	20	60	8-1/2	58	27-5/8	8
364TS	20	60	8-1/2	58	26-5/8	9-1/4
364T	20	60	8-1/2	58	28-3/4	9-1/4
365TS	20	60	8-1/2	58	27-5/8	9-1/4
365T	20	60	8-1/2	58	29-3/4	9-1/4

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
404TS	24	66	10-1/2	64	29-5/8	10-1/4
404T	24	66	10-1/2	64	32-5/8	10-1/4
405TS	24	66	10-1/2	64	31-1/8	10-1/4
405T	24	66	10-1/2	64	34-1/8	10-1/4
444TS	24	78	10-1/2	76	34-1/8	11-1/4
444T	24	78	10-1/2	76	37-7/8	11-1/4
445TS	24	78	10-1/2	76	36-1/8	11-1/4
445T	24	78	10-1/2	76	39-7/8	11-1/4

NOTES:

Discharge flanges are standard 250# ANSI drilling.

Suction flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

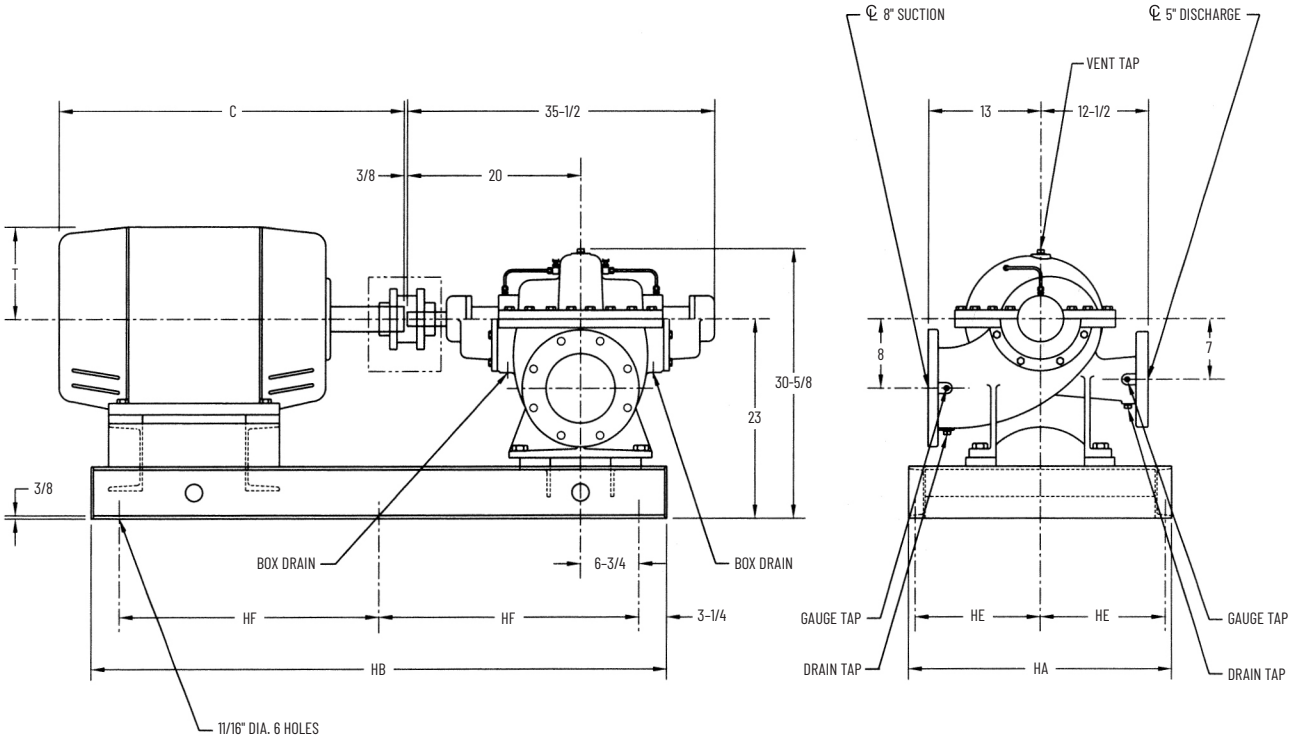
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 5" 5876 OPTIONAL STRUCTURAL BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
324TS	30-1/2	60-1/2	14-1/2	27	24-5/8	8
324T	30-1/2	60-1/2	14-1/2	27	26-1/8	8
326TS	30-1/2	60-1/2	14-1/2	27	26-1/8	8
326T	30-1/2	60-1/2	14-1/2	27	27-5/8	8
364TS	30-1/2	60-1/2	14-1/2	27	26-5/8	9-1/4
364T	30-1/2	60-1/2	14-1/2	27	28-3/4	9-1/4
365TS	30-1/2	60-1/2	14-1/2	27	27-5/8	9-1/4
365T	30-1/2	60-1/2	14-1/2	27	29-3/4	9-1/4

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
404TS	30-1/2	60-1/2	14-1/2	27	29-5/8	10-1/4
404T	30-1/2	60-1/2	14-1/2	27	32-5/8	10-1/4
405TS	30-1/2	60-1/2	14-1/2	27	31-1/8	10-1/4
405T	30-1/2	60-1/2	14-1/2	27	34-1/8	10-1/4
444TS	30-1/2	60-1/2	14-1/2	27	34-1/8	11-1/4
444T	30-1/2	66-1/2	14-1/2	30	37-7/8	11-1/4
445TS	30-1/2	66-1/2	14-1/2	30	36-1/8	11-1/4
445T	30-1/2	66-1/2	14-1/2	30	39-7/8	11-1/4

NOTES:

Discharge flanges are standard 250# ANSI drilling.

Suction flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

All dimensions are in inches unless noted.

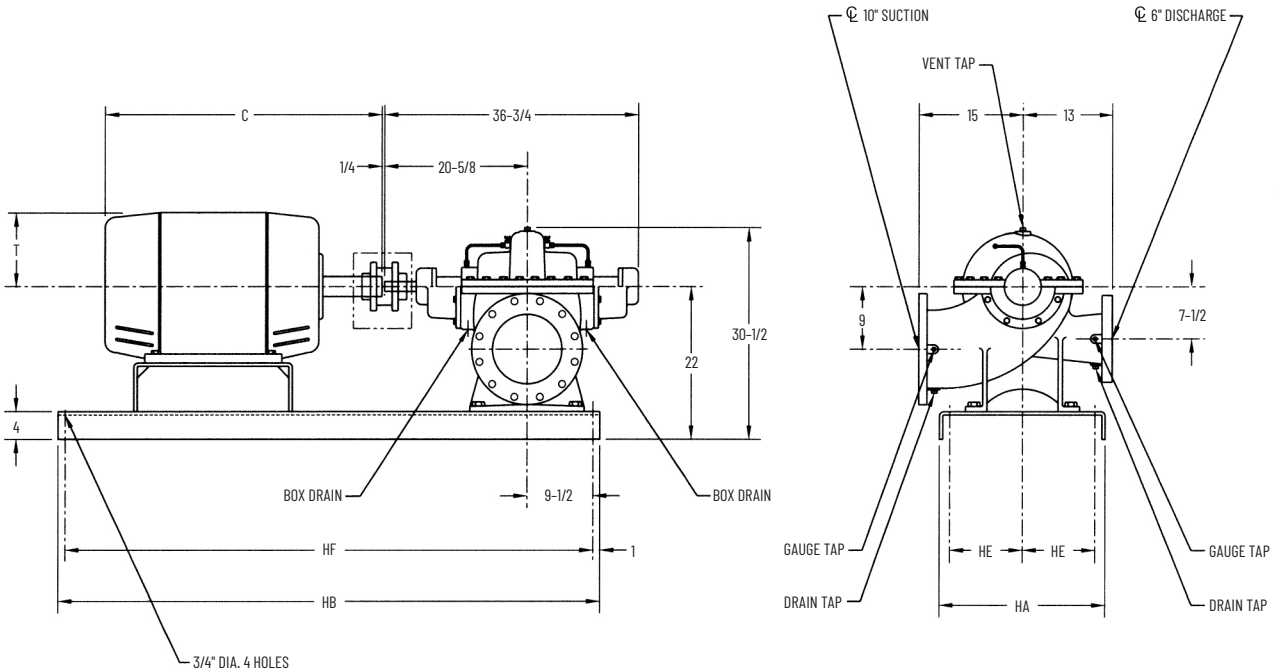
Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

PENTAIR FAIRBANKS NIJHUIS®

Typical Specifications – SETTING PLAN 6" 5876 BENT FORM BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
324TS	20	60	8-1/2	58	24-5/8	8
324T	20	60	8-1/2	58	26-1/8	8
326TS	20	60	8-1/2	58	26-1/8	8
326T	20	60	8-1/2	58	27-5/8	8
364TS	20	60	8-1/2	58	26-5/8	9-1/4
364T	20	60	8-1/2	58	28-3/4	9-1/4
365TS	20	60	8-1/2	58	27-5/8	9-1/4
365T	20	60	8-1/2	58	29-3/4	9-1/4

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
404TS	24	66	10-1/2	64	29-5/8	10-1/4
404T	24	66	10-1/2	64	32-5/8	10-1/4
405TS	24	66	10-1/2	64	31-1/8	10-1/4
405T	24	66	10-1/2	64	34-1/8	10-1/4
444TS	24	78	10-1/2	76	34-1/8	11-1/4
444T	24	78	10-1/2	76	37-7/8	11-1/4
445TS	24	78	10-1/2	76	36-1/8	11-1/4
445T	24	78	10-1/2	76	39-7/8	11-1/4

NOTES:

Discharge flanges are standard 250# ANSI drilling.

Suction flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

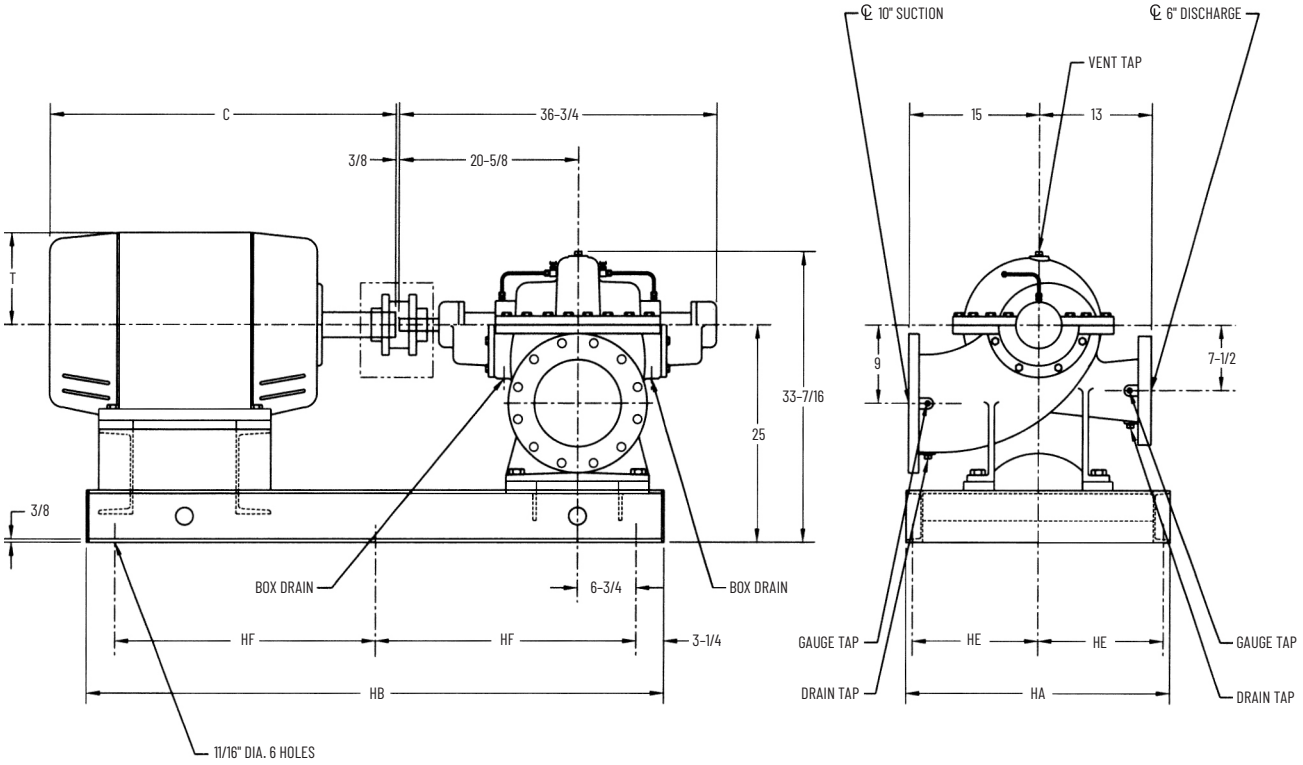
All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – SETTING PLAN 6" 5876 OPTIONAL STRUCTURAL BASE



CLOCKWISE ROTATION SHOWN

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
324TS	30-1/2	66-1/2	14-1/2	30	24-5/8	8
324T	30-1/2	66-1/2	14-1/2	30	26-1/8	8
326TS	30-1/2	66-1/2	14-1/2	30	26-1/8	8
326T	30-1/2	66-1/2	14-1/2	30	27-5/8	8
364TS	30-1/2	66-1/2	14-1/2	30	26-5/8	9-1/4
364T	30-1/2	66-1/2	14-1/2	30	28-3/4	9-1/4
365TS	30-1/2	66-1/2	14-1/2	30	27-5/8	9-1/4
365T	30-1/2	66-1/2	14-1/2	30	29-3/4	9-1/4

UNIT DIMENSIONS						
MOTOR FRAME SIZE	BASE				MOTOR	
	HA	HB	HE	HF	C	T
404TS	30-1/2	66-1/2	14-1/2	30	29-5/8	10-1/4
404T	30-1/2	66-1/2	14-1/2	30	32-5/8	10-1/4
405TS	30-1/2	66-1/2	14-1/2	30	31-1/8	10-1/4
405T	30-1/2	66-1/2	14-1/2	30	34-1/8	10-1/4
444TS	30-1/2	66-1/2	14-1/2	30	34-1/8	11-1/4
444T	30-1/2	66-1/2	14-1/2	30	37-7/8	11-1/4
445TS	30-1/2	66-1/2	14-1/2	30	36-1/8	11-1/4
445T	30-1/2	66-1/2	14-1/2	30	39-7/8	11-1/4

NOTES:

Discharge flanges are standard 250# ANSI drilling.

Suction flanges are standard 125# ANSI drilling. Optional 250# ANSI flanges are available.

All dimensions are in inches unless noted.

Rotation is always viewed from the driver end. For C.C.W. rotation, suction and discharge positions will be on opposite sides of that shown above and dimensions in the end view will be reversed.

Bases are designed to be completely filled with grout.

Not for construction, installation, or application purposes unless certified. Dimensions shown may vary due to normal manufacturing tolerances.

Typical Specifications – 5800 HORIZONTAL SPLIT CASE PUMPS DATA

	5821									5822		
Pump Size (Discharge Size)	4	5	6	8	10	12	14	20	36	4	5	6
Suction Size	5	6	8	10	12	14	16	20	42	5	6	8
Nominal Wear Ring Clearance	.019	.019	.019	.020	.023	.025	.027	.030	.060	.019	.019	.019
Impeller:												
Weight (lbs.)	28.0	23.0	35.5	(4)	112.0	110.0	138.0	290.0	2850.0	34.0	36.0	49.0
Eye Area (sq. inches)	20.00	25.00	37.20	(4)	75.60	143.00	142.00	245.70	1111.24	18.80	26.20	33.60
WR^2 (lb-ft^2)	1.9	1.3	2.2	(4)	16.2	19.8	30.1	87	4644	3.0	3.2	5.5
Sphere Size (Maximum)	5/8	3/4	3/4	11/16	1-1/8	1-1/4	1-1/4	1-1/2	2-1/2	1/2	5/8	13/16
Shaft Diameter:												
at Impeller	1-15/16	1-9/16	1-9/16	1-11/16	2-3/16	2-3/16	2-7/16	4	8	1-9/16	1-11/16	1-11/16
at Sleeve	1-1/4	1-1/2	1-1/2	1-5/8	2-1/8	2-1/8	2-3/8	RTF	7-7/8	1-1/2	1-5/8	1-5/8
at Thrust/Radial Bearings	.98	1.18	1.18	1.38	1.77	1.77	1.97	3	5.91	1.18	1.38	1.38
at Coupling	7/8	1-1/16	1-1/16	1-1/4	1-11/16	1-11/16	1-7/8	2-3/4	5-3/4	1-1/16	1-1/4	1-1/4
Center to Center of Bearings	21-1/8	22-1/8	24-5/8	28- 15/16	35-1/8	37-7/8	40-15/16	49-1/4	98-3/4	22-1/8	23-11/16	27-15/16
Thrust Bearing No.	6305	6306	6306	6307	6309	6309	6310	RTF	23230	6306	6307	6307
Radial Bearing No.	6305	6306	6306	6307	6309	6309	6310	RTF	23230	6306	6307	6307
Sealing Box:												
Packing:												
Size	3/8	3/8	3/8	3/8	1/2	1/2	1/2	5/8	1	3/8	3/8	3/8
No. Rings per Box	5	5	5	5	6	6	7	5	6	5	5	5
Seal Cage Width	3/4	3/4	3/4	3/4	1	1	1-11/16	1-1/4	RTF	3/4	3/4	3/4
Mechanical Seal:												
Type (Standard)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Recommended flush water:												
Pressure	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Flow (GPM)	1/2–1	1/2–1	1/2–1	1/2–1	1/2–1	1/2–1	1/2–1	1/2–1	1/2–1	1/2–1	1/2–1	1/2–1
Sleeve OD	1-1/2	1-3/4	1-3/4	1-7/8	2-1/2	2-1/2	2-5/8	4-3/8	8-3/4	1-3/4	1-7/8	1-7/8
Box ID	2-1/4	2-1/2	2-1/2	2-5/8	3-1/2	3-1/2	3-5/8	5-5/8	10-3/4	2-1/2	2-5/8	2-5/8
Box Depth	2-13/16	2-13/16	2-13/16	3	4-3/8	4-1/8	4-5/8	4-5/8	9	2-13/16	3	3
Box Inlet Tap Size (NPT)	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/2	1/4	1/4	1/4
Casing Drain Tap Size (NPT)	3/8	3/8	1/2	1/2	3/4	1	1	1	1-1/2	3/8	1/2	1/2
Vent/Priming Tap Size (NPT)	1/2	1/2	1/2	1	3/4	1	1	1	2-1/2	1/2	1/2	3/4
Gauge Tap Size												
Suction & Discharge (NPT)	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3/8	1/4	1/4	1/4
Hydrostatic Test, PSI (5):	262	262	262	262	262	262	187	110	110	262	262	262
Casing Working, PSI (5):	175	175	175	175	175	175	125	75	75	175	175	175
Operating Temp. °F (5):	160	160	160	160	160	160	160	160	160	160	160	160
Nominal Casing Thickness	3/8	3/8	3/8	3/8	9/16	9/16	9/16	11/16	1	3/8	3/8	7/16
Anchor Bolt Size, recommended	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1-1/4	1-7/8	1/2	1/2	1/2
Shipping Weight, Basic Pump Only (lbs.)	285	345	505	580	1285	1600	1875	4050	30400	285	385	515

NOTES:

All dimensions are in inches.

John Crane type 21 or equal.

One to 10 PSI above suction pressure.

Impeller D8C1A: Weight=40.0 lbs.; Eye area=60.60 sq. in.; WR^2=2.6 lb. ft^2; Impeller D8C1C: Weight=43.25 lbs.; Eye area=64.60 sq. in.; WR^2=2.8 lb. ft^2.

Refer to Pump Parameters in this section for more detailed information on maximum temperatures.

Typical Specifications – 5800 HORIZONTAL SPLIT CASE PUMPS DATA

	5822				5823							
Pump Size (Discharge Size)	8	12	20	24	4	5	6	8	10	12	16	20
Suction Size	10	14	24	30	5	6	8	10	12	14	20	24
Nominal Wear Ring Clearance	.022	.027	.059	.060	.019	.019	.020	.022	.024	.027	.030	.030
Impeller:												
Weight (lbs.)	80.7	137.0	510.0	675.0	61.0	58.0	64.0	62.0	118.0	278.0	(4)	615.0
Eye Area (sq. inches)	59.10	107.00	362.85	375.74	24.40	31.80	49.20	64.40	89.40	149.00	(4)	317.77
WR^2 (lb-ft^2)	9.20	32.50	315	451	2.00	1.30	2.30	2.80	18.20	45.40	(4)	419
Sphere Size (Maximum)	15/16	1	3/4	1-7/8	7/16	9/16	7/8	15/16	7/8	1-1/2	(4)	2-1/4
Shaft Diameter:												
at Impeller	2-3/16	2-11/16	5-1/2	5-1/4	1-11/16	1-11/16	2-3/16	2-3/16	2-3/4	3-7/8	5-5/32	5-1/2
at Sleeve	2-1/8	2-5/8	4-3/8	5-3/16	1-5/8	1-5/8	2-1/8	2-1/8	2-5/8	3-3/8	5-1/8	5-1/4
at Thrust/Radial Bearings	1.77	2.17	3-15/16	3-15/16	1.38	1.38	1.77	1.77	2.17	2.95	3.54	3.94
at Coupling	1-11/16	1-11/16	3-3/4	3-3/4	1-1/4	1-1/4	1-11/16	1-11/16	2	2-3/4	3-3/8	3-3/4
Center to Center of Bearings	31-11/16	37-1/16	57-9/16	63-1/8	25-15/16	25-15/16	31-5/8	31-5/8	35-1/2	46-1/16	42-3/4	55-1/2
Thrust Bearing No.	6309	6311	23220	23220	6307	6307	6309	6309	6311	6315	5318	23220
Radial Bearing No.	6309	6311	23220	23220	6307	6307	6309	6309	6311	6315	6318	23220
Sealing Box:												
Packing:												
Size	1/2	1/2	3/4	3/4	3/8	3/8	1/2	1/2	1/2	5/8	5/8	3/4
No. Rings per Box	5	5	6	7	5	5	5	5	6	6	6	6
Seal Cage Width	1	1	1-1/2	1-1/2	3/4	3/4	1	1	1	1-1/4	1-1/4	1-1/2
Mechanical Seal:												
Type (Standard)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Recommended flush water:												
Pressure	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Flow (GPM)	1/2–1	1/2–1	1/2–1	1/2–1	1/2–1	1/2–1	1/2–1	1/2–1	1/2–1	1/2–1	1/2–1	1/2–1
Sleeve OD	2-1/2	3	5	5-13/16	1-7/8	1-7/8	2-1/2	2-1/2	3	3-7/8	5-13/16	6
Box ID	3-1/2	4	6-1/2	7-5/16	2-5/8	2-5/8	3-1/2	3-1/2	4	5-1/8	7-1/16	7-1/2
Box Depth	4	4	7-1/4	7-1/8	3	3	4	4	4-1/8	5-3/4	5-5/8	6-9/16
Box Inlet Tap Size (NPT)	1/4	1/4	1/2	1/2	1/4	1/4	1/4	1/4	1/4	3/8	3/8	1/2
Casing Drain Tap size (NPT)	1/2	1	1-1/2	1-1/2	1/2	1/2	1/2	1/2	1	1	3/4	1-1/2
Vent/Priming Tap Size (NPT)	1	1	2	2	1/2	3/4	3/4	1	1	3/4	1-1/2	2
Gauge Tap Size												
Suction & Discharge (NPT)	1/4	1/4	3/8	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
Hydrostatic Test, PSI (6):	262	262	125	110	262	262	262	262	262	262	262	188
Casing Working, PSI (6):	175	175	100	75	175	175	175	175	175	175	175	125
Operating Temp. °F (6):	160	160	160	160	160	160	160	160	160	160	160	160
Nominal Casing Thickness	1/2	5/8	13/16	13/16	7/16	7/16	7/16	1/2	9/16	11/16	1	1
Anchor Bolt Size, recommended	1/2	1/2	1-1/2	1-1/2	1/2	1/2	1/2	1/2	1/2	1/2	1	1
Shipping Weight, Basic Pump Only (lbs.)	875	1900	7500	10200	520	670	900	935	1380	2710	5400	9600

NOTES:

All dimensions are in inches.

John Crane type 21 or equal.

One to 10 PSI above suction pressure.

Impeller M16A1A: Weight=495 lbs.; Eye area=192.60 sq. in.; WR^2=316 lb. ft^2; Sphere size=7/8".

Impeller D8C1A: Weight=40.0 lbs.; Eye area=60.60 sq. in.; WR^2=2.6 lb. ft^2; Impeller D8C1C: Weight=43.25 lbs.; Eye area=64.60 sq. in.; WR^2=2.8 lb. ft^2.

Refer to Pump Parameters in this section for more detailed information on maximum temperatures.

Typical Specifications – 5800 HORIZONTAL SPLIT CASE PUMPS DATA

	5823	5824							5825	5826		
Pump Size (Discharge Size)	30	4	5	6	8	10	20	36	10	6	8	10
Suction Size	36	5	6	8	10	12	30	42	14	10	12	14
Nominal Wear Ring Clearance	.030	.019	.019	.020	.022	.024	.059	.060	.027	.022	.024	.027
Impeller:												
Weight (lbs.)	1925.0	57.1	89.0	64.2	131.3	132.3	950.0	3450.0	376.0	172.0	174.0	RTF
Eye Area (sq. inches)	815.40	23.60	30.40	51.60	62.80	99.40	394.29	1087.82	151.00	52.20	76.90	133.90
WR^2 (lb-ft^2)	2814	12.7	12.6	15.2	21.9	35.6	918	9000	259.4	66.7	74.1	151.4
Sphere Size (Maximum)	2-3/4	3/8	5/8	7/8	11/16	15/16	2-1/4	2-1/4	1-7/16	7/8	1	1-3/8
Shaft Diameter:												
at Impeller	8	1-11/16	2-3/16	2-3/16	2-3/4	2-3/4	6	RTF	4-1/2	2-3/4	3-7/16	4-1/2
at Sleeve	7-7/8	1-5/8	2-1/8	2-1/8	2-5/8	3-5/8	5-3/4	RTF	4-3/8	2-5/8	3-3/8	4-3/8
at Thrust/Radial Bearings	5.91	1.38	1.77	1.77	2.17	2.17	4.725	RTF	3.94	2.17	2.95	4.13
at Coupling	5-1/2	1-1/4	1-11/16	1-11/16	2	2	4-1/4	RTF	3-1/2	2	2-3/4	3-15/16
Center to Center of Bearings	84-3/4	25-15/16	28-5/8	31-15/16	33-7/8	35-1/2	61	RTF	55-13/16	35-1/2	38-1/4	50-1/8
Thrust Bearing No.	22230	6307	6309	6309	6311	6311	22224	RTF	7220G	6311	6315	6221
Radial Bearing No.	22230	6307	6309	6309	6311	6311	22224	RTF	6220	6311	6315	6221
Sealing Box:												
Packing:												
Size	1	3/8	1/2	1/2	1/2	3/4	3/4	RTF	3/4	1/2	5/8	3/4
No. Rings per Box	6	5	5	5	5	6	5	RTF	8	7	7	6
Seal Cage Width	1-1/2	3/4	1	1	1	1	1-1/4	RTF	1-1/2	1	1-1/4	1-1/2
Mechanical Seal:												
Type (Standard)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Recommended flush water:												
Pressure	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Flow (GPM)	1/2–1	1/2–1	1/2–1	1/2–1	1/2–1	1/2–1	1/2–1	1/2–1	1/2–1	1/2–1	1/2–1	1/2–1
Sleeve OD	8-3/4	1-7/8	2-1/2	2-1/2	3	3	6-1/2	RTF	5	3	3-7/8	5
Box ID	10-3/4	2-5/8	3-1/2	3-1/2	4	4	7-5/8	RTF	6-1/2	4	5-1/8	6-1/2
Box Depth	8-1/8	3	4	4	4-1/8	4-1/8	5-5/8	RTF	7-13/16	4-1/2	5-9/16	6-3/8
Box Inlet Tap Size (NPT)	1/2	1/4	1/4	1/4	1/4	1/4	1/2	1/2	1/2	1/4	1/4	1/4
Casing Drain Tap Size (NPT)	1-1/2	1/2	1/2	1/2	3/4	1	1-1/2	1-1/2	1	1	1	1
Vent/Priming Tap Size (NPT)	2	1/2	3/4	3/4	3/4	3/4	2	2	1	1/4	1/2	1
Gauge Tap Size												
Suction & Discharge (NPT)	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3/8	1/4	1/4	3/8
Hydrostatic Test, PSI (4):	158	262	262	262	262	262	210	150	450	375	375	450
Casing Working, PSI (4):	105	175	175	175	175	175	140	100	300	250	250	300
Operating Temp. °F (4):	160	160	160	160	160	160	160	160	160	160	160	160
Nominal Casing Thickness	1-1/4	9/16	11/16	3/4	3/4	3/4	1-1/4	1-1/4	1-1/8	7/8	7/8	1-3/16
Anchor Bolt Size, recommended	1-5/8	1/2	1/2	1/2	1/2	1/2	1-1/8	1-7/8	1/2	1/2	1/2	1/2
Shipping Weight, Basic Pump Only (lbs.)	24300	620	880	945	1500	1700	12600	RTF	5750	1720	3220	5545

NOTES:

All dimensions are in inches.

John Crane type 21 or equal.

One to 10 PSI above suction pressure.

Refer to Pump Parameters in this section for more detailed information on maximum temperatures.

Typical Specifications – 5800 HORIZONTAL SPLIT CASE PUMPS DATA

Pump Model	5822A		5823A	5825A		
Discharge Size	20	30	24	20	24	30
Suction Size	24	36	30	30	36	36
Nominal Wear Ring Clearance (on Dia.)	RTF	RTF	RTF	RTF	RTF	RTF
Impeller:						
Weight (lbs.)	RTF	RTF	RTF	RTF	RTF	RTF
Eye Area ($in.^2$)	280	778	503	550	860	1238
WR^2 ($lb\text{-}ft^2$)	RTF	RTF	RTF	RTF	RTF	RTF
Sphere Size (Maximum)	1.5	2.5	2.1	1.8	2.3	2.8
Shaft Diameter:						
at Impeller	RTF	RTF	RTF	RTF	RTF	RTF
at Sleeve	RTF	RTF	RTF	RTF	RTF	RTF
at Thrust/Radial Bearings	RTF	RTF	RTF	RTF	RTF	RTF
at Coupling	RTF	RTF	RTF	RTF	RTF	RTF
Center to Center of Bearings	RTF	RTF	RTF	RTF	RTF	RTF
Thrust Bearing No. (5)	RTF	RTF	RTF	RTF	RTF	RTF
Radial Bearing No. (5)	RTF	RTF	RTF	RTF	RTF	RTF
Sealing Box:						
Packing:						
Size	RTF	RTF	RTF	RTF	RTF	RTF
No. Rings per Box	RTF	RTF	RTF	RTF	RTF	RTF
Seal Cage Width	RTF	RTF	RTF	RTF	RTF	RTF
Mechanical Seal:						
Type (Standard)	RTF	RTF	RTF	RTF	RTF	RTF
Recommended flush water:						
Pressure	RTF	RTF	RTF	RTF	RTF	RTF
Flow (GPM)	RTF	RTF	RTF	RTF	RTF	RTF
Sleeve OD	RTF	RTF	RTF	RTF	RTF	RTF
Box ID	RTF	RTF	RTF	RTF	RTF	RTF
Box Depth	RTF	RTF	RTF	RTF	RTF	RTF
Box Inlet Tap Size (NPT)	RTF	RTF	RTF	RTF	RTF	RTF
Casing Drain Tap Size (NPT)	RTF	RTF	RTF	RTF	RTF	RTF
Vent/Priming Tap Size (NPT)	RTF	RTF	RTF	RTF	RTF	RTF
Gauge Tap Size						
Suction & Discharge (NPT)	RTF	RTF	RTF	RTF	RTF	RTF
Hydrostatic Test, PSI (4):	RTF	RTF	RTF	RTF	RTF	RTF
Casing Working Pressure (4):	RTF	RTF	RTF	RTF	RTF	RTF
Operating Temperature °F (4):	RTF	RTF	RTF	RTF	RTF	RTF
Nominal Casing Thickness	RTF	RTF	RTF	RTF	RTF	RTF
Anchor Bolt Size, recommended	RTF	RTF	RTF	RTF	RTF	RTF
Shipping Weight, Basic Pump Only (lbs.)	RTF	RTF	RTF	RTF	RTF	RTF

NOTES:

All dimensions are in inches.

John Crane type 21 or equal.

One to 10 PSI above suction pressure.

Refer to Pump Parameters in this section for more detailed information on maximum temperatures.

Minimum L10 bearing life = 100,000 hours.

Typical Specifications – 5800 HORIZONTAL SPLIT CASE PUMPS DATA

Pump Model	**5826A**			
Discharge Size	20	24	30	36
Suction Size	24	30	36	42
Nominal Wear Ring Clearance (on Dia.)	.025	.030	.030	.030
Impeller:				
Weight (lbs.)	406	750	1025	1480
Eye Area ($in.^2$)	360	563	706	904
WR^2 ($lb\text{-}ft^2$)	306	863	1482	2810
Sphere Size (Maximum)	3.0	3.8	4.2	4.8
Shaft Diameter:				
at Impeller	5.375	6.500	7.375	8.125
at Sleeve	5.250	6.375	7.250	8.000
at Thrust/Radial Bearings	5.118	5.905	7.087	7.874
at Coupling	4.875	5.875	6.875	7.750
Center to Center of Bearings	49.00	61.25	68.56	78.38
Thrust Bearing No. (5)	23226	22230	22236	22240
Radial Bearing No. (5)	23226	22230	22236	22240
Sealing Box:				
Packing:				
Size	3/4	3/4	3/4	3/4
No. Rings per Box	5	5	5	5
Seal Cage Width	1-1/4	1-1/4	1-1/4	1-1/4
Mechanical Seal:				
Type (Standard)	(2)	(2)	(2)	(2)
Recommended flush water:				
Pressure	(3)	(3)	(3)	(3)
Flow (GPM)	2—4	3—5	4—6	6—8
Sleeve OD	6.000	7.250	8.000	8.750
Box ID	7.500	8.750	9.500	10.250
Box Depth	6	6	6	6
Box Inlet Tap Size (NPT)	1/2	1/2	1/2	1/2
Casing Drain Tap Size (NPT)	1	1	1-1/2	1-1/2
Vent/Priming Tap Size (NPT)	1	1	1-1/2	1-1/2
Gauge Tap Size				
Suction & Discharge (NPT)	1/2	1/2	1/2	1/2
Hydrostatic Test, PSI (4):	290	290	290	290
Casing Working Pressure (4):	193	193	193	193
Operating Temperature °F (4):	160	160	160	160
Nominal Casing Thickness	1.250	1.375	1.50	1.63
Anchor Bolt Size, recommended	1-1/2	1-1/2	1-1/2	1-1/2
Shipping Weight, Basic Pump Only (lbs.)	10500	17000	23500	33500

NOTES:

All dimensions are in inches.

John Crane type 21 or equal.

One to 10 PSI above suction pressure.

Refer to Pump Parameters in this section for more detailed information on maximum temperatures.

Minimum L10 bearing life = 100,000 hours.

Typical Specifications – 5800 HORIZONTAL SPLIT CASE PUMPS DATA

	5874				5876				
Pump Size (Discharge Size)	2	3	4	5	2	3	4	5	6
Suction Size	3	4	5	6	3	4	6	8	10
Nominal Wear Ring Clearance	.018	.018	.018	.019	.018	.018	.018	.018	.018
Impeller:									
Weight (lbs.)	17.0	18.0	24.3	45.0	24.5	26.0	21.0	27.5	26.8
Eye Area (sq. inches)	8.80	10.60	16.60	24.20	7.20	13.00	21.90	24.70	46.70
WR^2 ($lb\text{-}ft^2$)	1.13	1.07	1.44	2.7	1.8	1.9	1.53	2.1	2.1
Sphere Size (Maximum)	1/4	7/16	1/2	9/16	1/4	7/16	1/2	5/8	5/8
Shaft Diameter:									
at Impeller	1-5/16	1-5/16	1-9/16	1-11/16	1-5/16	1-9/16	1-5/8	2-1/8	2-1/8
at Sleeve	1-1/4	1-1/4	1-1/2	1-5/8	1-1/4	1-1/2	1-5/8	2-1/8	2-1/8
at Thrust/Radial Bearings	.98	.98	1.18	1.38	.98	1.18	1.38	1.77	1.77
at Coupling	7/8	7/8	1-1/16	1-1/4	7/8	1-1/16	1-1/4	1-5/8	1-5/8
Center to Center of Bearings	16-9/16	19-5/16	20-1/4	25-7/16	19-13/16	22-1/8	22-7/8	27-3/8	28-5/8
Thrust Bearing No.	6305	6305	6306	6307	6305	6306	6307	6309	6309
Radial Bearing No.	6305	6305	6306	6307	6305	6306	6307	6309	6309
Sealing Box:									
Packing:									
Size	5/16	3/8	3/8	3/8	3/8	3/8	3/8	1/2	1/2
No. Rings per Box	5	5	5	5	5	5	6	6	6
Seal Cage Width	5/8	3/4	3/4	3/4	3/4	3/4	3/4	1	1
Mechanical Seal:									
Type (Standard)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Recommended flush water:									
Pressure	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Flow (GPM)	1/2–1	1/2–1	1/2–1	1/2–1	1/2–1	1/2–1	1/2–1	1/2–1	1/2–1
Sleeve OD	1-1/2	1-1/2	1-3/4	1-7/8	1-1/2	1-3/4	1-7/8	2-1/2	2-1/2
Box ID	2-1/8	2-1/4	2-1/2	2-5/8	2-1/4	2-1/2	2-5/8	3-1/2	3-1/2
Box Depth	2-3/16	2-13/16	2-13/16	3	2-13/16	2-13/16	3-1/4	4-1/8	4-1/8
Box Inlet Tap Size (NPT)	1/4	1/4	1/4	1/4	1/4	1/4	–	–	–
Casing Drain Tap Size (NPT)	1/4	1/2	1/2	1/2	3/8	3/8	1/2	1/2	1/2
Vent/Priming Tap Size (NPT)	3/8	1/2	1/2	3/4	1/2	1/2	1/2	1/2	1/2
Gauge Tap Size									
Suction & Discharge (NPT)	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
Hydrostatic Test, PSI (4):	262	262	262	262	262	262	450	450	450
Casing Working, PSI (4):	175	175	175	175	175	175	300	300	300
Operating Temp. °F (4):	160	160	160	160	160	160	160	160	160
Nominal Casing Thickness	3/8	3/8	3/8	7/16	7/16	7/16	9/16	5/8	5/8
Anchor Bolt Size, recommended	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Shipping Weight, Basic Pump Only (lbs.)	185	225	300	415	245	315	400	495	610

NOTES:

All dimensions are in inches.

John Crane type 21 or equal.

One to 10 PSI above suction pressure.

Refer to Pump Parameters in this section for more detailed information on maximum temperatures.

Typical Specifications

Type	Horizontal, single-stage, split case
Rotation	CW or CCW facing coupling end
Casing	Axially split, 2-piece doweled, single volute (double volute on 20" & 36" 5824, 10" 5825 and 6", 8" & 10" 5826) with integral bearing shoulders
Nozzles	Flanged and integral with lower casing
	Side suction and side discharge (except 36" 5824)
	Bottom suction and side discharge on 20" 5822, and 16" and 20" 5823 and 20" 5824 (optional)
	125 lb. ANSI drilling, suction and discharge (except 10" 5825 and 4", 5" & 6" 5876 which have 250 lb. ANSI discharge flange)
	250 lb. ANSI drilling, suction and discharge (optional)
Impeller	Single and double suction depending on model, radial flow, Francis vane, enclosed type
Wear Rings	Replaceable casing rings (optional)
	Replaceable impeller rings (optional)
Shaft	Reversible for either rotation except single suction impeller units
	Double extended (optional)
Shaft Sleeve	Straight type, adhesive affixed with locking nut
Stuffing Box	Packed with water seal cage
	Mechanical seals (optional)
Gland	Two piece, split interlocking two bolt type
	Solid one piece, two or four bolt for mechanical seals (optional)
Stuffing Box Injection	External piping
Bearing housing	Integral bearing arms in lower casing (except 4", 5" & 6" 5876)
	Separate bolt on bearing arms (4", 5" & 6" 5876 and 16" 5800 and larger)
Bearing-radial	Single row-ball, cartridge housing
Bearing-thrust	Single or double row-ball, cartridge housing
Lubrication	Grease
Auxiliary Connections	Drain taps (NPT) in bearing shoulders
	Drain taps (NPT) in discharge
	Vent/priming tap (NPT) in top of volute
	Stuffing box tap (NPT)
	Suction and discharge gauge taps (NPT)
Baseplates	Bent form (1)
	Structural steel (2)
	Drip tray (optional)
Couplings	Flexible sleeve type
	Steelflex, Gear, Disc (optional)
Coupling Guard	Two-piece, closed, bracket mounted
	One-piece, closed, base mounted (optional)

NOTES:

Bent form base construction is standard through 8" 5800's (except 5826's and 5" 5874) which use a 445 motor frame or smaller. These units using motor frames larger than 445 will utilize a strutural steel base as standard.

Structural steel base construction is standard for 10" 5800's and larger, all 5826's, 5" 5874 and all units using motors larger than a 445 frame.

Typical Specifications – PUMP PARAMETERS

Maximum Operating Temperatures

Guidelines shown in the table below may be used when determining maximum working temperature construction parameters for the following pumps:

5821's thru 14"
5822's thru 12"
5823's thru 12"
5824's thru 8"

For all other 5800's contact Application Engineering for review.

Temperature Range	Construction
32 to 160 degrees F (0 to 71 degrees C)	Cast iron or ductile iron casings Standard stuffing box Standard bearings Standard grease lubrication
161 to 250 degrees F (72 degrees to 121 degrees C)	Cast iron or ductile iron casings Standard stuffing box Standard bearings High temperature grease lubrication *Contact Application Engineering for applications above 212 degrees F (100 degrees C)
251 to 350 degrees F (122 to 177 degrees F)	Ductile iron casings Injection/cooling stuffing box High temperature grease Bearing housing cooling *Contact Application Engineering
Above 350 degrees F (Above 177 degrees C)	Ductile iron casings *Contact Application Engineering for special construction

For materials of construction other than cast iron or ductile iron, contact Application Engineering for review.

Standard Fitted Pumps		
Description	**Material**	**Specification (1)**
Impeller	Bronze	B584 AL836 or AL875 (2)
Casing, Lower Half	Cast Iron	A48 CL30
Casing, Upper Half	Cast Iron	A48 CL30
Shaft	Steel	A311, Class B, Grade 1141 or 1144 (2)
Arm, Bearing	Cast Iron	A48 CL30
Cap, Bearing Housing	Cast Iron	A48 CL30
Ring Half, Seal Water	PTFE Coating	PTFE Coating
Sleeve, Shaft	Bronze	B505 AL932
Wear Ring, Casing	Bronze	B505 AL932
Wear Ring, Impeller (3)	Bronze	B505 AL932
Gland	Bronze	B584 AL836
Washer, Stuffing Box	Stainless Steel	AISI 304
O-ring, Sleeve	Rubber	Commercial
O-ring, Bearing Housing Cover	Rubber	Commercial
Spacer, Sleeve	Bronze	B505 AL932
Spacer, Bearing	Steel	Commercial
Bushing, Stuffing Box	Cast Iron	A48 CL30
Key, Impeller	Steel	A108 GR1018
End Cap, Bearing Housing	Steel	Commercial
Deflector	Rubber	Neoprene
Gasket, Casing	Sheet Packing	D1170 P3313B
Housing, Bearing	Cast Iron	A48 CL30
Lip Seal	Steel & Rubber	Commercial
Pin, Dowel	Steel	Commercial
Housing, Thrust Bearing	Cast Iron	A48 CL30
Housing, Radial Bearing	Cast Iron	A48 CL30
Cover, Bearing Housing	Cast Iron	A48 CL30
Lip Seal	Steel & Rubber	Commercial
Cover, Thrust Bearing Housing Outer	Cast Iron	A48 CL30
Cover, Thrust Bearing Housing Inner	Cast Iron	A48 CL30
Cover, Radial Bearing Housing Inner	Cast Iron	A48 CL30
Cover, Radial Bearing Housing Outer	Cast Iron	A48 CL30
Lip Seal	Steel & Rubber	Commercial
Locknut, Bearing	Steel	Commercial
Lockwasher, Bearing	Steel	Commercial
Bearing, Radial	Steel	Commercial
Bearing, Thrust	Steel	Commercial
Snap Ring, Bearing	Steel	SAE 1075
Packing	Synthetic Packing, Graphite Impregnated	–
Nuts, Shaft Sleeve	Bronze	B505 AL932
Key, Coupling	Steel	A108 GR1018
Ring, Gland	Bronze	B504 AL836
Snap Ring, Bearing	Steel	–
Options to Basic Pumps		
Description	**Material**	**Specification (1)**
Gland, Solid	Cast Iron	A48 CL30
Mechanical Seal	–	(2) (4)

See notes on page 144.

Standard Fitted Pumps 20" and Larger Horizontal Split Case		
Description	**Material**	**Specification (1)**
Impeller	Bronze	B584 AL836 or AL875 (2)
Casing, Lower Half	Ductile Iron	A536 CL 60-40-18
Casing, Upper Half	Ductile Iron	A536 CL 60-40-18
Shaft	Steel	A311, Class B, Grade 1141 or 1144 (2)
Arm, Bearing	Cast Iron	A48 CL30
Cap, Bearing Housing	Cast Iron	A48 CL30
Ring, Lantern, Seal Water	Brass	B584 C83600
Sleeve, Shaft	Bronze	B505 AL932
Wear Ring, Casing	Bronze	B505 AL932
Wear Ring, Impeller	Bronze	B505 AL932
Gland	Bronze	B584 AL836
O-ring, sleeve	Rubber	Commercial
O-ring, bearing housing	Rubber	Commercial
Bushing, Stuffing Box	Brass	B584 C83600
Key, Impeller	Steel	A108 GR1018
Plug, Bearing Housing Cover, Outer	Steel	Commercial
Deflector	Rubber	Neoprene
Gasket, Casing	Sheet Packing	D1170 P3313B
Housing, Bearing	Cast Iron	A48 CL30
Pin, Dowel	Steel	Commercial
Cover, Bearing Housing, Inner	Cast Iron	A48 CL30
Lip Seal, Bearing Housing Cover	Rubber/Steel	Commercial
Cover, Thrust Bearing Housing, Outer	Cast Iron	A48 CL30
Cover, Radial Bearing Housing, Outer	Cast Iron	A48 CL30
Lip Seal, Cover Radial Bearing, Outer	Rubber/Steel	Commercial
Grease Nipple	Steel	Commercial
Locknut, Bearing	Steel	Commercial
Lockwasher, Bearing	Steel	Commercial
Bearing, Radial, Spherical Roller	Steel	Commercial
Bearing, Thrust, Spherical Roller	Steel	Commercial
Packing, Rings	Synthetic	Graphite impregnated
Nut, Shaft Sleeve	Bronze	B505 AL932
Key, Coupling	Steel	–
Options to Basic Pumps		
Description	**Material**	**Specification (1)**
Gland, Solid	Cast Iron	A48 CL30
Mechanical Seal	–	(2)

NOTES:

(1) All material designations are ASTM unless otherwise noted and are for description of chemistry only.

(2) Manufacturer's option.

All Iron Fitted		
Description	**Material**	**Specification (1)**
Impeller	Cast Iron	A48 CL30
Casing, Lower Half	Cast Iron	A48 CL30
Casing, Upper Half	Cast Iron	A48 CL30
Shaft	Steel	A311, Class B, Grade 1141 or 1144 (2)
Arm, Bearing	Cast Iron	A48 CL30
Cap, Bearing Housing	Cast Iron	A48 CL30
Ring Half, Seal Water	PTFE Coating	PTFE Coating
Sleeve, Shaft	Stainless Steel	A582 416
Wear Ring, Casing	Cast Iron	A48 CL30
Wear Ring, Impeller (3)	Cast Iron	A48 CL30
Gland	Cast Iron	A48 CL30
Washer, Stuffing Box	Stainless Steel	AISI 304
O-ring, Sleeve	Rubber	Commercial
O-ring, Bearing Housing Cover	Rubber	Commercial
Spacer, Sleeve	Steel	Commercial
Spacer, Bearing	Steel	Commercial
Bushing, Stuffing Box	Steel	Commercial
Key, Impeller	Steel	A108 GR1018
End Cap, Bearing Housing	Steel	Commercial
Deflector	Rubber	Neoprene
Gasket, Casing	Sheet Packing	D1170 P3313B
Housing, Bearing	Cast Iron	A48 CL30
Lip Seal	Steel & Rubber	Commercial
Pin, Dowel	Steel	Commercial
Housing, Thrust Bearing	Cast Iron	A48 CL30
Housing, Radial Bearing	Cast Iron	A48 CL30
Cover, Bearing Housing	Cast Iron	A48 CL30
Lip Seal	Steel & Rubber	Commercial
Cover, Thrust Bearing Housing Outer	Cast Iron	A48 CL30
Cover, Thrust Bearing Housing Inner	Cast Iron	A48 CL30
Cover, Radial Bearing Housing Inner	Cast Iron	A48 CL30
Cover, Radial Bearing Housing Outer	Cast Iron	A48 CL30
Lip Seal	Steel & Rubber	Commercial
Locknut, Bearing	Steel	Commercial
Lockwasher, Bearing	Steel	Commercial
Bearing, Radial	Steel	Commercial
Bearing, Thrust	Steel	Commercial
Snap Ring, Bearing	Steel	SAE 1075
Packing	Synthetic Packing, Graphite Impregnated	–
Nuts, Shaft Sleeve	Steel	Commercial
Key, Coupling	Steel	A108 GR1018
Ring, Gland	Cast Iron	A48 CL30
Snap Ring, Bearing	Steel	–
Options to Basic Pumps		
Description	**Material**	**Specification (1)**
Gland, Solid	Cast Iron	A48 CL30
Mechanical Seal	–	(2) (4)

See notes on page 144.

All Bronze Fitted		
Description	**Material**	**Specification (1)**
Impeller	Bronze	B584 AL836 or AL875 (2)
Casing, Lower Half	Bronze	B584 AL836 or AL875 (2)
Casing, Upper Half	Bronze	B584 AL836 or AL875 (2)
Shaft	Stainless Steel	B582 416
Arm, Bearing	Cast Iron	A48 CL30
Cap, Bearing Housing	Cast Iron	A48 CL30
Ring Half, Seal Water	PTFE Coating	PTFE Coating
Sleeve, Shaft	Bronze	B505 AL932
Wear Ring, Casing	Bronze	B505 AL932
Wear Ring, Impeller (3)	Bronze	B505 AL932
Gland	Bronze	B584 AL836
Washer, Stuffing Box	Stainless Steel	AISI 304
O-ring, Sleeve	Rubber	Commercial
O-ring, Bearing Housing Cover	Rubber	Commercial
Spacer, Sleeve	Bronze	B505 AL932
Spacer, Bearing	Steel	Commercial
Bushing, Stuffing Box	Bronze	B505 AL932 (4)
Key, Impeller	Steel	A108 GR1018
End Cap, Bearing Housing	Steel	Commercial
Deflector	Rubber	Neoprene
Gasket, Casing	Sheet Packing	D1170 P3313B
Housing, Bearing	Cast Iron	A48 CL30
Lip Seal	Steel & Rubber	Commercial
Pin, Dowel	Steel	Commercial
Housing, Thrust Bearing	Cast Iron	A48 CL30
Housing, Radial Bearing	Cast Iron	A48 CL30
Cover, Bearing Housing	Cast Iron	A48 CL30
Lip Seal	Steel & Rubber	Commercial
Cover, Thrust Bearing Housing Outer	Cast Iron	A48 CL30
Cover, Thrust Bearing Housing Inner	Cast Iron	A48 CL30
Cover, Radial Bearing Housing Inner	Cast Iron	A48 CL30
Cover, Radial Bearing Housing Outer	Cast Iron	A48 CL30
Lip Seal	Steel & Rubber	Commercial
Locknut, Bearing	Steel	Commercial
Lockwasher, Bearing	Steel	Commercial
Bearing, Radial	Steel	Commercial
Bearing, Thrust	Steel	Commercial
Snap Ring, Bearing	Steel	SAE 1075
Packing	Synthetic Packing, Graphite Impregnated	–
Nuts, Shaft Sleeve	Bronze	B505 AL932
Key, Coupling	Steel	A108 GR1018
Ring, Gland	Bronze	B504 AL836
Snap Ring, Bearing	Steel	–
Options to Basic Pump		
Description	**Material**	**Specification (1)**
Gland, Solid	Bronze	B584 AL836
Mechanical Seal	–	(2) (5)

See notes on page 144.

NOTES:

(1) All material designations are ASTM unless otherwise noted and are for description of chemistry only.

(2) Manufacturer's option.

(3) Separate impeller wear ring is standard construction on 12" 5822, 10" 5825, 6" 8" & 10" 5826, and units 16" and larger. Pumps with separate impeller wear rings are field replaceable. Integral impeller wear rings can be machined to accept separate wear rings.

(4) Tongue and groove stuffing box bushing is B584 AL836 bronze.

(5) Bronze sleeves and solid steel glands are standard when optional mechanical seals are furnished.