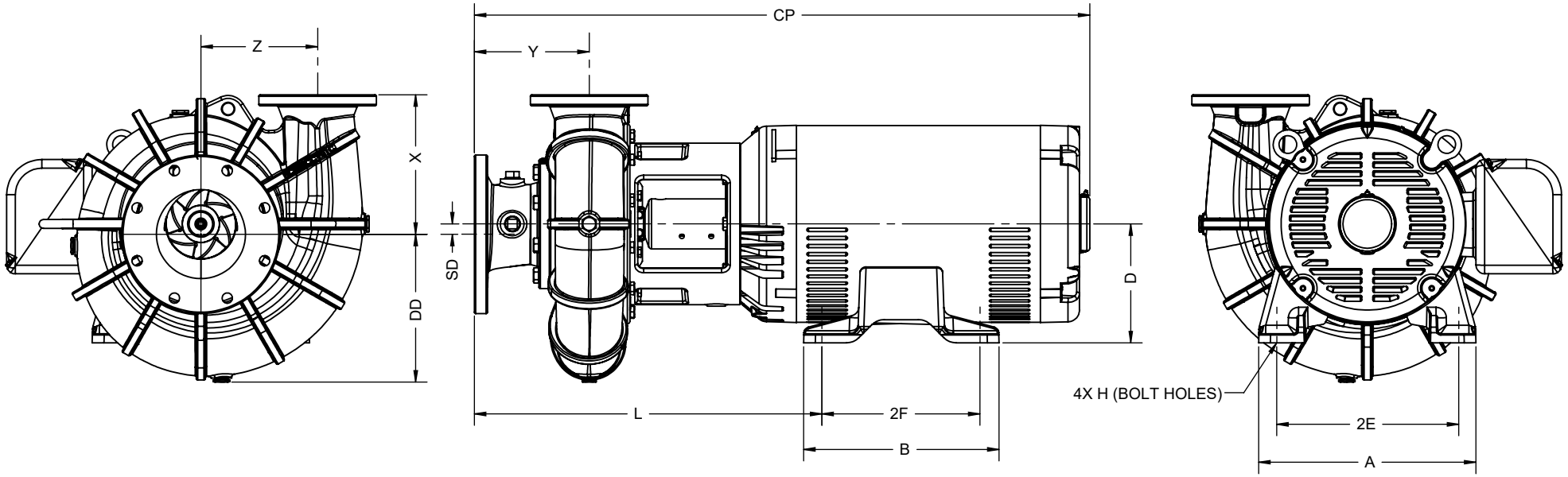
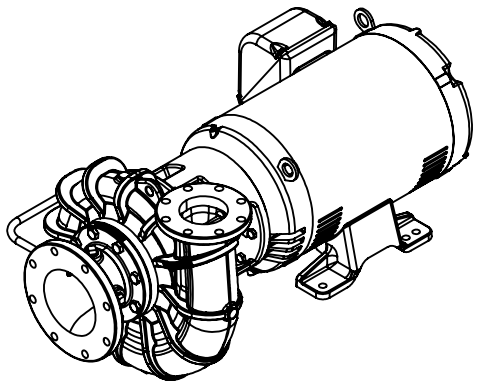


PUMP MODEL	MOTOR FRAME	A*	B*	CP*	D	2E	2F	H	L	DS	DD	X	Y	Z
60I1014C	364TC	17.13	14.75	47.66	9.00	14.00	11.25	.66	27.13	1.00	14.75	11.00	9.91	9.50
	365TC						12.25							
	404TC	19.75	16.94	53.63	10.00	16.00	12.25	.81	29.87					
	405TC						13.75							
	444TC	CONTACT MANUFACTURER FOR MOTOR DIMENSIONS												
	445TC													
	447TC													

*Dimensions based on TEFC motor enclosure;
may vary by manufacturer.

125/150# ANSI FLANGE DIMENSIONS					
	PIPE SIZE	FLANGE O.D.	∅BOLT CIRCLE	# OF HOLES	HOLE SIZE
SUCTION	10"	16.00	14.25	12	1.00
DISCHARGE	6"	11.00	9.50	8	.88

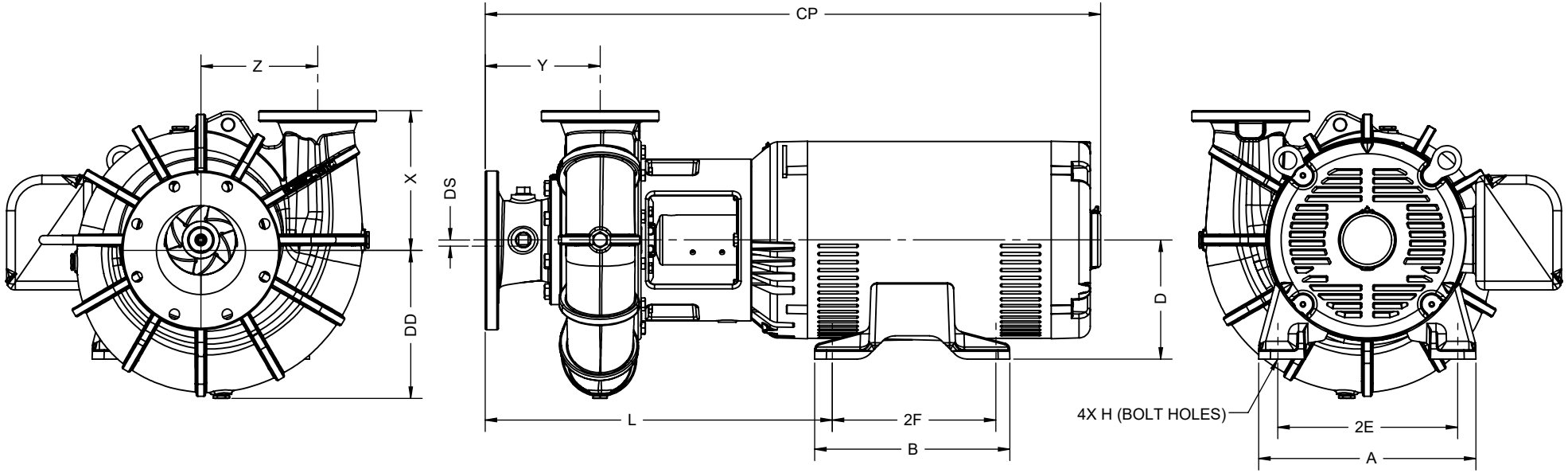


INTEGRITY PUMP & MOTOR

DESCRIPTION:
60I1014C END SUCTION ENGINEERING DIMENSIONS

DRW BY:	CHK BY:	DRW DATE:	SHEET:
RS	JDA	1/17/22	1 OF 1

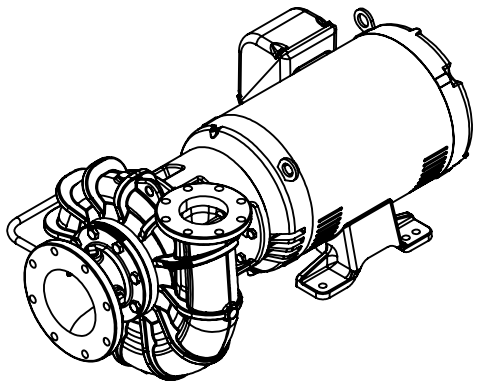
WEIGHT	PART No.:	FORM No.	REV
		ENG175_60I1014C CENTERLINES_REV-_011721	-



PUMP MODEL	MOTOR FRAME	A*	B*	CP*	D	2E	2F	H	L	DS	DD	X	Y	Z
50I814C	286TC	13.88	13.00	43.73	7.00	11.00	11.00	.53	25.60	0.88	13.00	10.00	9.78	10.00
	324TC	15.00	13.75	45.73	8.00	12.50	10.50	.66	26.10					
	326TC						12.00							
	364TC	17.13	14.75	47.26	9.00	14.00	11.25	.66	26.73					
	365TC						12.25							
	404TC	19.75	16.94	53.23	10.00	16.00	12.25	.81	29.47					
	405TC						13.75							

*Dimensions based on ODP motor enclosure;
may vary by manufacturer.

125/150# ANSI FLANGE DIMENSIONS					
	PIPE SIZE	FLANGE O.D.	∅BOLT CIRCLE	# OF HOLES	HOLE SIZE
SUCTION	8"	13.50	11.75	8	.88
DISCHARGE	5"	10.00	8.50	8	.88

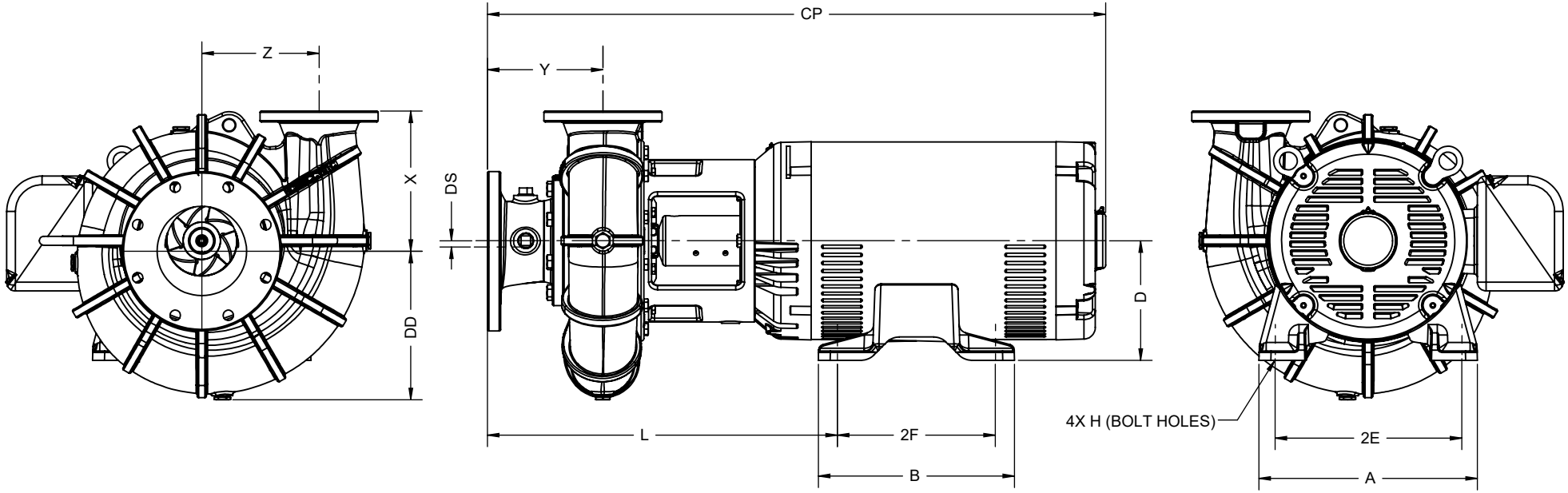


INTEGRITY PUMP & MOTOR

DESCRIPTION:
50I814C END SUCTION ENGINEERING DIMENSIONS

DRW BY:	CHK BY:	DRW DATE:	SHEET:
RS	JDA	1/17/22	1 OF 1

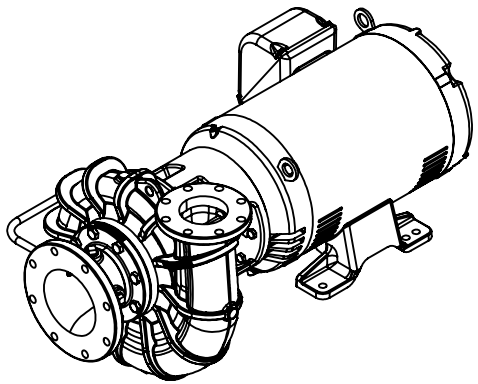
WEIGHT	PART No.:	FORM No.	REV
		ENG174_50I814C CENTERLINES_REV-_011721	-



PUMP MODEL	MOTOR FRAME	A*	B*	CP*	D	2E	2F	H	L	DS	DD	X	Y	Z
40I613C	215JP	9.50	8.00	31.00	5.25	8.50	7.00	0.41	19.25	0.00	11.00	10.00	7.38	8.00
	254JP	11.25	9.25	30.88	6.25	10.00	8.25	0.53	20.00					
	256JP		11.25	32.13			10.00							
	284JP	13.50	12.94	35.50	7.00	11.00	9.50	0.53	19.75					
	286JP						11.00							
	324JP	15.00	13.94	37.25	8.00	12.50	10.50	0.66	20.25					
	326JP						12.00							
	364JP	17.13	14.75	41.66	9.00	14.00	11.25	0.66	21.13					
	365JP						12.25							

*Dimensions based on ODP motor enclosure; may vary by manufacturer.

125/150# ANSI FLANGE DIMENSIONS					
	PIPE SIZE	FLANGE O.D.	∅BOLT CIRCLE	# OF HOLES	HOLE SIZE
SUCTION	6"	11.00	9.50	8	.88
DISCHARGE	4"	9.00	7.50	8	.75

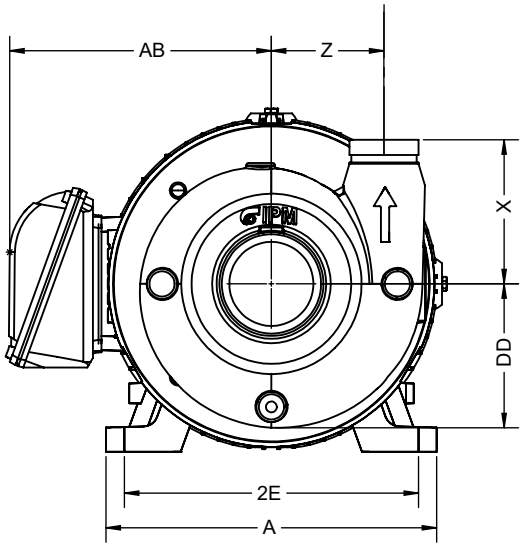


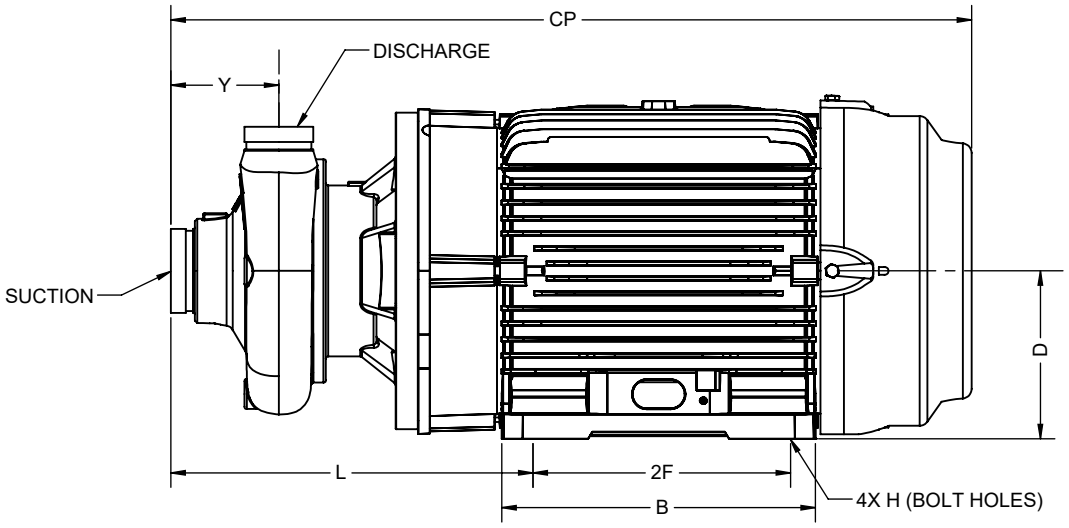
INTEGRITY PUMP & MOTOR

DESCRIPTION:
40I613C END SUCTION ENGINEERING DIMENSIONS

DRW BY:	CHK BY:	DRW DATE:	SHEET:
RS	JDA	1/17/22	1 OF 1

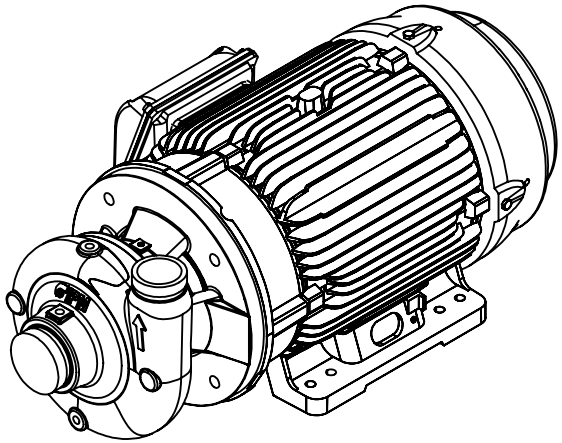
WEIGHT	PART No.:	FORM No.	REV
		ENG173_40I613C CENTERLINES_REV-_011721	-





PUMP MODEL	MOTOR FRAME	A	AB*	B*	CP*	D	2E	2F	H*	L	DD	X	Y	Z	DISCHARGE SIZE	SUCTION SIZE
15I28G	143JM	6.50	6.13	6.50	18.38	3.50	5.50	4.00	0.34	10.26	5.37	6.00	3.19	4.25	1-1/2"	2"
	145JM				18.38			5.00								
	182JM	8.38	7.50	6.38	20.94	4.50	7.50	4.50	0.41	9.51						
	184JM				20.94			5.50								
	213JM	9.50	8.25	8.88	23.01	5.25	8.50	5.50	0.44	11.88						
	215JM				24.51			7.00								

*Dimensions based on TEFC motor enclosure;
may vary by manufacturer.



125/150# ANSI FLANGE DIMENSIONS*				
PIPE SIZE	FLANGE O.D.	∅BOLT CIRCLE	# OF HOLES	HOLE SIZE
1-1/2"	5.00	3.88	4	0.62
2"	6.00	4.75	4	0.75

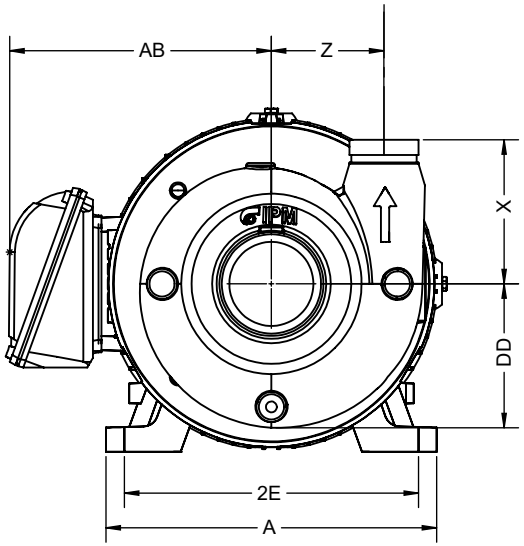
*Integrity end suction pumps come with grooved suction and discharge connections.
*Available groove x flange or groove x thread adapters.

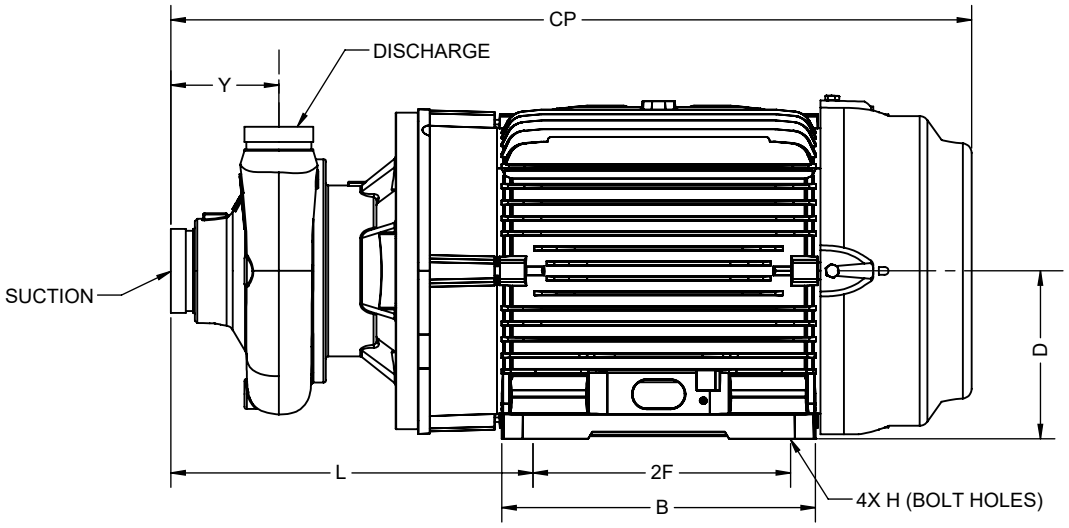
INTEGRITY PUMP & MOTOR

DESCRIPTION:
15I28G END SUCTION ENGINEERING DIMENSIONS

DRW BY:	CHK BY:	DRW DATE:	SHEET:
RS	JDA	3/24/2021	1 OF 1

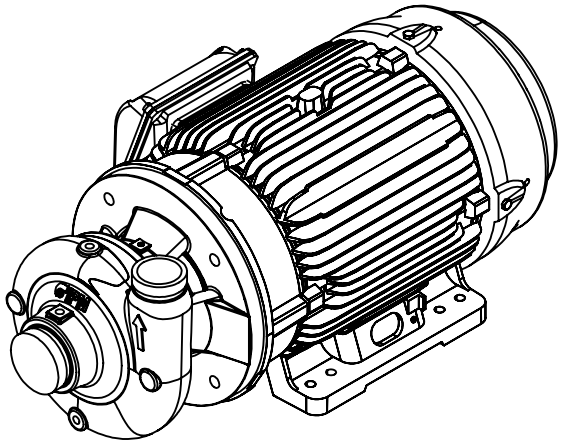
WEIGHT	PART No.:	FORM No.	REV
		ENG166_15I28G CENTERLINES_REV-_032421	-





PUMP MODEL	MOTOR FRAME	A	AB*	B*	CP*	D	2E	2F	H*	L	DD	X	Y	Z	DISCHARGE SIZE	SUCTION SIZE
15I26G	143JM	6.50	6.13	6.50	18.31	3.50	5.50	4.00	0.34	10.19	4.20	4.50	3.13	3.50	1-1/2"	2"
	145JM				18.31			5.00								
	182JM	8.38	7.50	6.38	20.87	4.50	7.50	4.50	0.41	9.44						
	184JM				20.87			5.50								
	213JM	9.50	8.25	8.88	22.94	5.25	8.50	5.50	0.44	11.81						
	215JM				24.44			7.00								

*Dimensions based on TEFC motor enclosure;
may vary by manufacturer.



125/150# ANSI FLANGE DIMENSIONS*				
PIPE SIZE	FLANGE O.D.	∅BOLT CIRCLE	# OF HOLES	HOLE SIZE
1-1/2"	5.00	3.88	4	0.62
2"	6.00	4.75	4	0.75

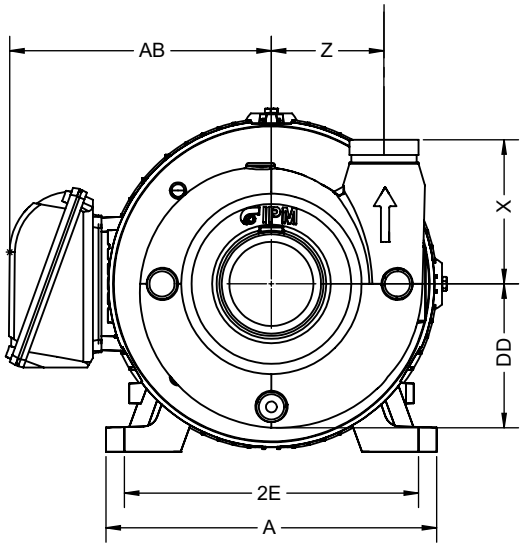
*Integrity end suction pumps come with grooved suction and discharge connections.
*Available groove x flange or groove x thread adapters.

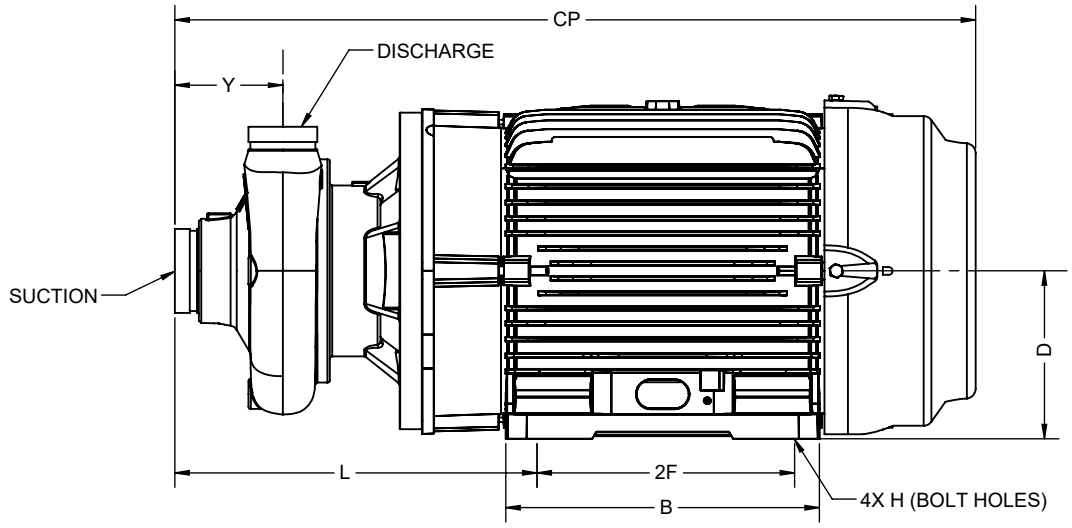
INTEGRITY PUMP & MOTOR

DESCRIPTION:
15I26G END SUCTION ENGINEERING DIMENSIONS

DRW BY:	CHK BY:	DRW DATE:	SHEET:
RS	JDA	3/24/2021	1 OF 1

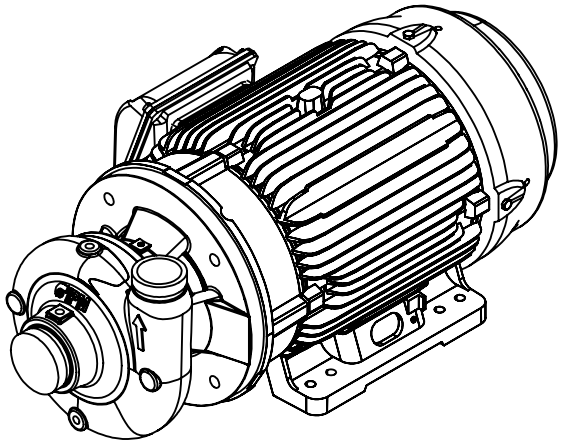
WEIGHT	PART No.:	FORM No.	REV
		ENG165_15I26G CENTERLINES_REV-_032421	-





PUMP MODEL	MOTOR FRAME	A	AB*	B*	CP*	D	2E	2F	H*	L	DD	X	Y	Z	DISCHARGE SIZE	SUCTION SIZE
10I27G	143JM	6.50	6.13	6.50	18.50	3.50	5.50	4.00	0.34	10.38	4.25	5.50	3.38	4.00	1"	2"
	145JM				18.50			5.00								
	182JM	8.38	7.50	6.38	21.06	4.50	7.50	4.50	0.41	9.63						
	184JM				21.06			5.50								
	213JM	9.50	8.25	8.88	23.13	5.25	8.50	5.50	0.44	12.00						
	215JM				24.63			7.00								

*Dimensions based on TEFC motor enclosure;
may vary by manufacturer.



125/150# ANSI FLANGE DIMENSIONS*				
PIPE SIZE	FLANGE O.D.	∅BOLT CIRCLE	# OF HOLES	HOLE SIZE
1"	4.25	3.13	4	0.62
2"	6.00	4.75	4	0.75

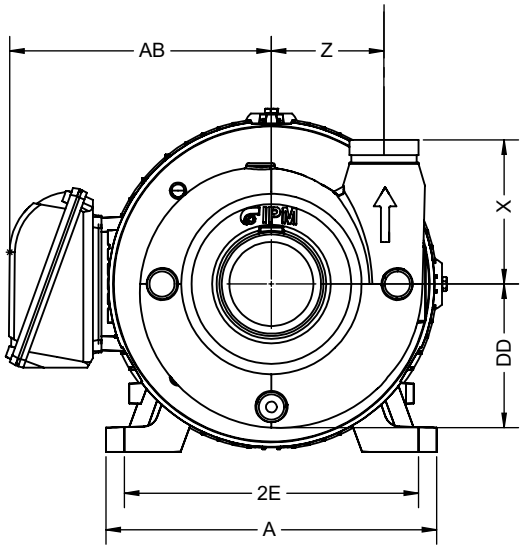
*Integrity end suction pumps come with grooved suction and discharge connections.
*Available groove x flange or groove x thread adapters.

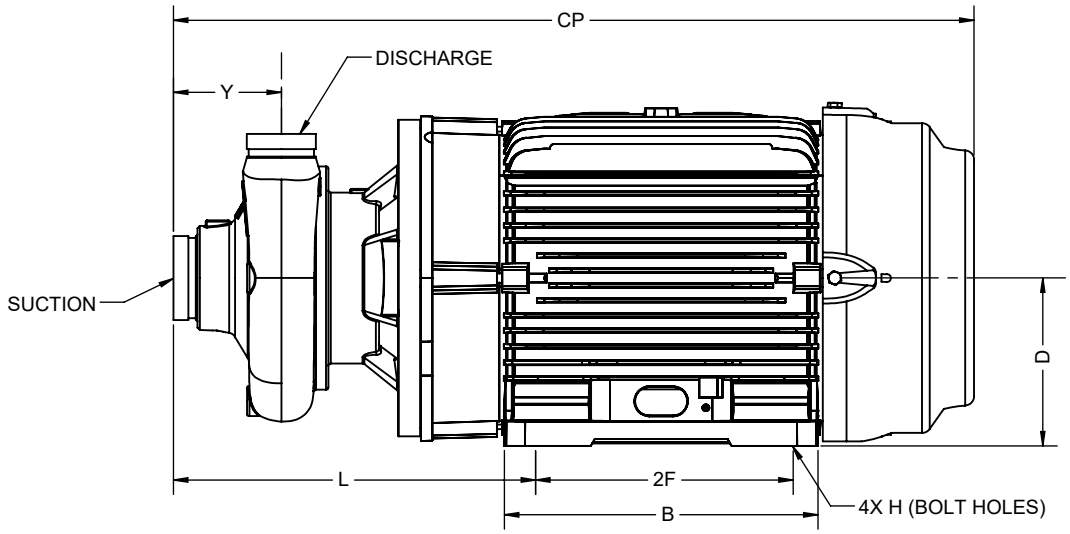
INTEGRITY PUMP & MOTOR

DESCRIPTION:
10I27G END SUCTION ENGINEERING DIMENSIONS

DRW BY:	CHK BY:	DRW DATE:	SHEET:
RS	JDA	3/24/2021	1 OF 1

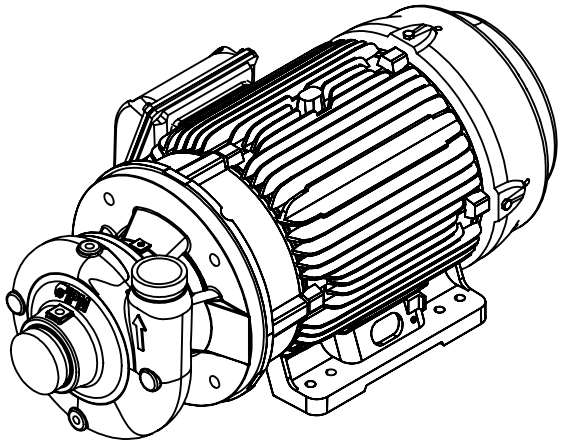
WEIGHT	PART No.:	FORM No.	REV
		ENG164_10I27G CENTERLINES_REV-_032421	-





PUMP MODEL	MOTOR FRAME	A	AB*	B*	CP*	D	2E	2F	H	L	DD	X	Y	Z	DISCHARGE SIZE	SUCTION SIZE
40I57B	254JM	11.38	9.94	10.69	31.57	6.25	10.00	8.25	0.53	16.44	7.13	7.5	4.94	5.75	4"	5"
	256JM			12.44	33.32			10.00								
	284JM	12.88	10.81	12.25	35.32	7.00	11.00	9.50	0.53	16.44						
	286JM			13.75	35.32			11.00								
	324JM	15.16	12.58	14.57	35.84	8.00	12.50	10.50	0.66	16.69						
	326JM			14.57	35.84			12.00								

*Dimensions based on TEFC motor enclosure;
may vary by manufacturer.



125/150# ANSI FLANGE DIMENSIONS*				
PIPE SIZE	FLANGE O.D.	∅BOLT CIRCLE	# OF HOLES	HOLE SIZE
4"	9.00	7.50	8	.75
5"	10.00	8.50	8	.88

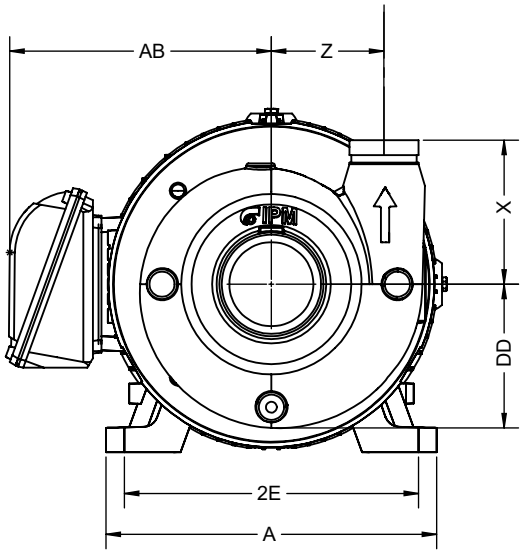
*Integrity end suction pumps come with grooved suction and discharge connections.
*Available groove x flange or groove x thread adapters.

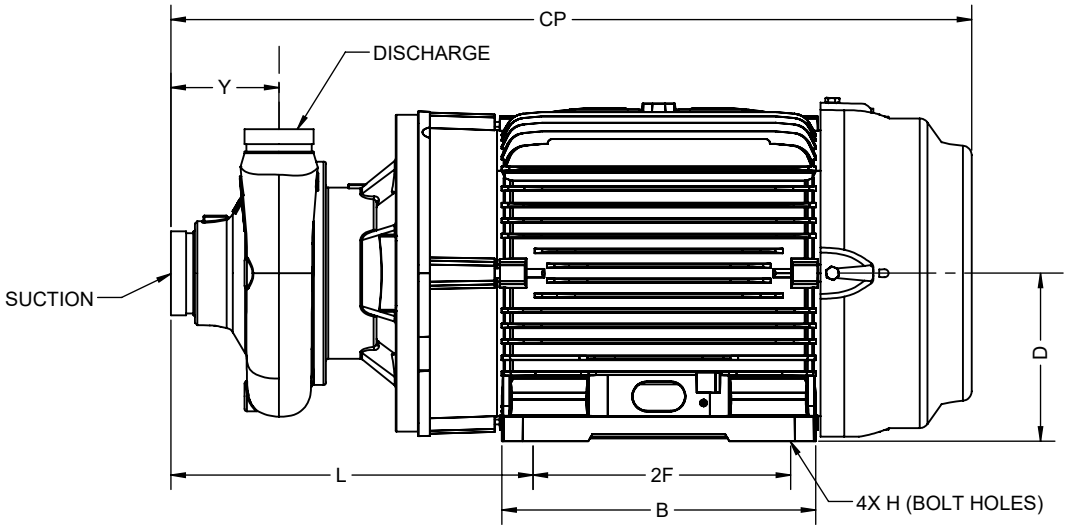
INTEGRITY PUMP & MOTOR

DESCRIPTION:
40I57B END SUCTION ENGINEERING DIMENSIONS

DRW BY:	CHK BY:	DRW DATE:	SHEET:
RS	JDA	3/1/2021	1 OF 1

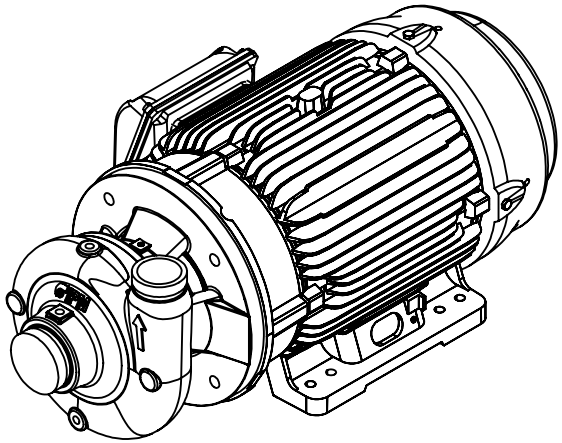
WEIGHT	PART No.:	FORM No.	REV
		ENG162_40I57B CENTERLINES_REV-031821	-





PUMP MODEL	MOTOR FRAME	A	AB*	B*	CP*	D	2E	2F	H	L	DD	X	Y	Z	DISCHARGE SIZE	SUCTION SIZE
30I47B	254JM	11.38	9.94	10.69	30.19	6.25	10.00	8.25	0.53	15.06	6.35	6.00	4.19	5.00	3"	4"
	256JM			12.44	31.94			10.00								
	284JM	12.88	10.81	12.25	33.94	7.00	11.00	9.50	0.53	15.06						
	286JM			13.75	33.94			11.00								
	324JM	15.16	12.58	14.57	34.46	8.00	12.50	10.50	0.66	15.31						
	326JM			14.57	34.46			12.00								

*Dimensions based on TEFC motor enclosure;
may vary by manufacturer.



125/150# ANSI FLANGE DIMENSIONS*				
PIPE SIZE	FLANGE O.D.	∅BOLT CIRCLE	# OF HOLES	HOLE SIZE
3"	7.50	6.00	4	.75
4"	9.00	7.50	8	.75

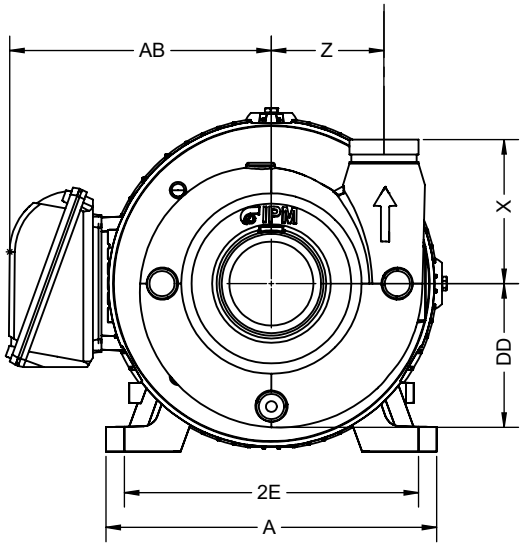
*Integrity end suction pumps come with grooved suction and discharge connections.
*Available groove x flange or groove x thread adapters.

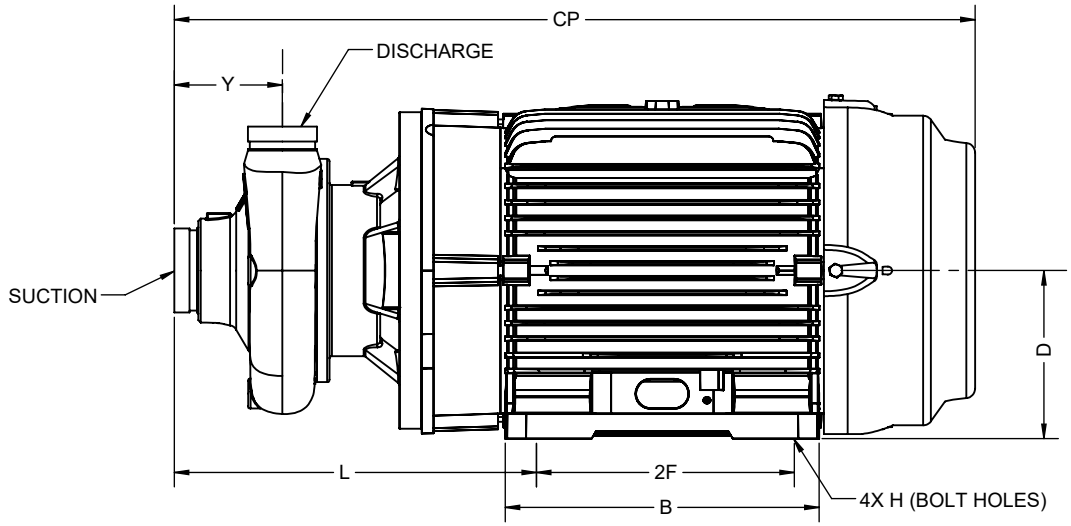
INTEGRITY PUMP & MOTOR

DESCRIPTION:
30I47B END SUCTION ENGINEERING DIMENSIONS

DRW BY:	CHK BY:	DRW DATE:	SHEET:
RS	JDA	3/1/2021	1 OF 1

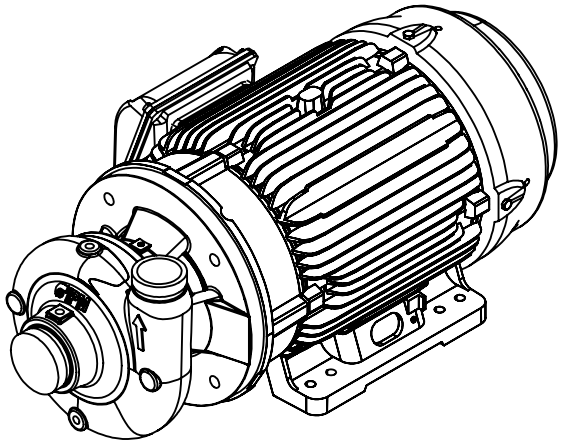
WEIGHT	PART No.:	FORM No.	REV
		ENG161_30I47B CENTERLINES_REV-_031821	-





PUMP MODEL	MOTOR FRAME	A	AB*	B*	CP*	D	2E	2F	H	L	DD	X	Y	Z	DISCHARGE SIZE	SUCTION SIZE
25I37B	213JM	9.5	8.25	8.88	24.69	5.25	8.50	5.50	0.44	13.56	6.00	6.00	4.50	4.69	2-1/2"	3"
	215JM			8.88	26.19			7.00								
	254JM	11.38	9.94	10.69	30.19	6.25	10.00	8.25	0.53	15.06						
	256JM			12.44	31.94			10.00								
	284JM	12.88	10.81	12.25	33.94	7.00	11.00	9.50	0.53	15.06						
	286JM			13.75	33.94			11.00								
	324JM	15.16	12.58	14.57	34.46	8.00	12.50	10.50	0.66	15.31						
	326JM			14.57	34.46			12.00								

*Dimensions based on TEFC motor enclosure;
may vary by manufacturer.



125/150# ANSI FLANGE DIMENSIONS*				
PIPE SIZE	FLANGE O.D.	∅BOLT CIRCLE	# OF HOLES	HOLE SIZE
2-1/2"	7.00	5.50	4	.75
3"	7.50	6.00	4	.75

*Integrity end suction pumps come with grooved suction and discharge connections.
*Available groove x flange or groove x thread adapters.

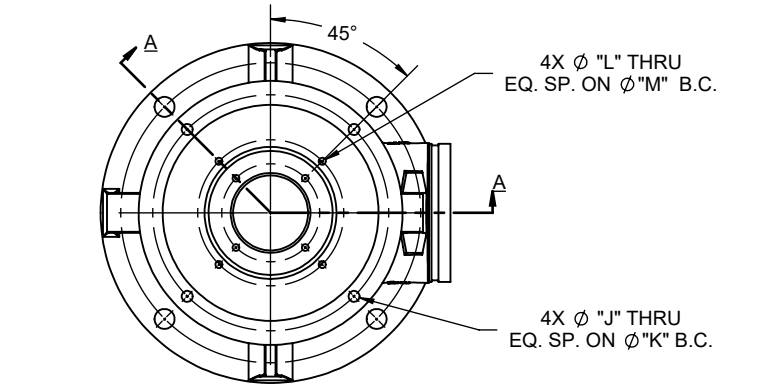
INTEGRITY PUMP & MOTOR

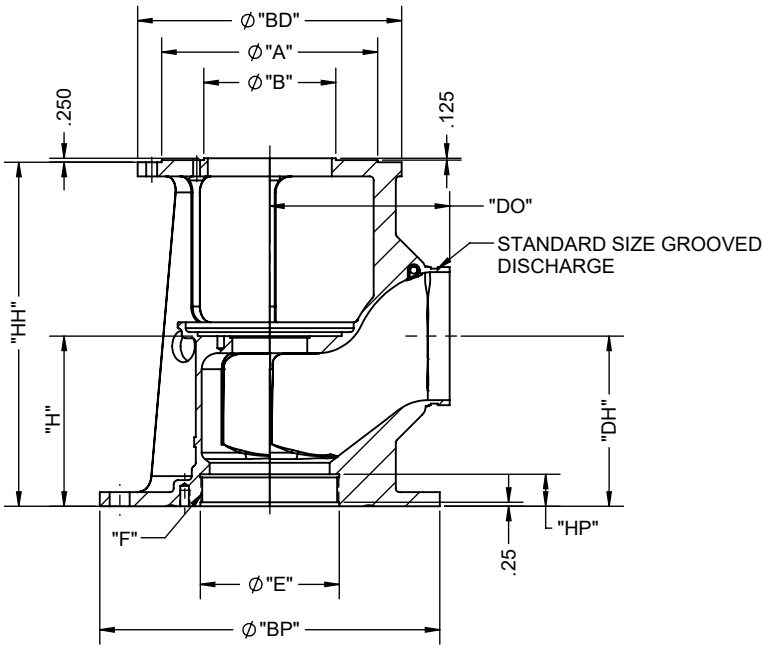
DESCRIPTION:
25I37B END SUCTION ENGINEERING DIMENSIONS

DRW BY:	CHK BY:	DRW DATE:	SHEET:
RS	JDA	3/1/2021	1 OF 1

WEIGHT	PART No.:	FORM No.	REV
		ENG160_25I37B CENTERLINES_REV-_031821	-

IPM DISCHARGE HEAD ENGINEERING DATA





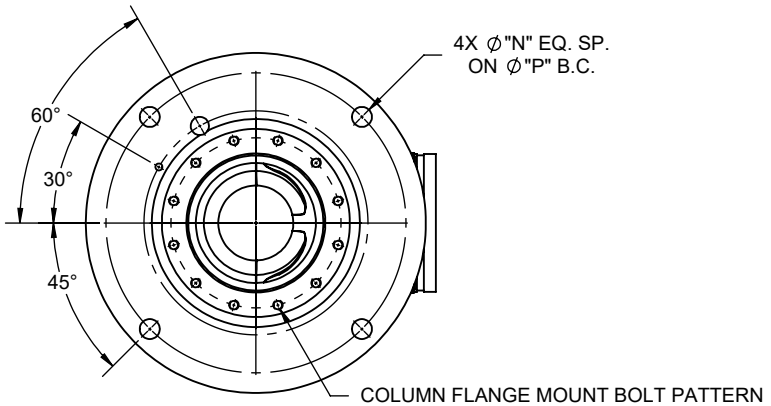


TABLE 1A: IPM DISCHARGE HEAD DIMENSIONS

MODEL:	P/N:	"BP"	"BD"	"A"	"B"	"C"	"DH"	"DO"	"E"	"F"
4DHG	H104SB01	19.5	12	8.247	N/A	4.685	10.63	11.25	4.625	4" -8 NPS THREADS
6DHG	H106SB01	19.5	16.50	13.495	8.247	4.685	10.63	11.25	6.688	6" -8 NPS THREADS
8DHG	H108SB01	21.25	16.50	13.495	8.247	4.685	10.63	11.25	8.688	8" -8 NPS THREADS
10DHG	H110SB01	21.25	20.00	13.495	N/A	4.685	10.63	11.25	10.875	10" -8 NPS THREADS
12DHG	H112LB01	25.00	20.00	13.497	N/A	5.560	11.94	16	12.875	12" -8 NPS THREADS

MODEL:	"HP"	"H"	"HH"	"J"	"K"	"L"	"M"	"N"	"P"
4DHG	1.75	10.625	21.50	N/A	N/A	.44	9.13	1.25	17.00
6DHG	1.75	10.625	21.50	.69	14.75	.44	9.13	1.25	17.00
8DHG	2.00	10.625	21.50	.69	14.75	.44	9.13	1.25	18.75
10DHG	2.50	10.625	21.50	N/A	N/A	.69	14.75	1.25	18.75
12DHG	2.50	12.125	23.00	N/A	N/A	.69	14.75	1.50	22.75

TABLE 1B: COLUMN FLANGE BOLT PATTERN

MODEL:	# OF HOLES	THREADS	DEPTH	B.C. ∅
4DHG	8	1/2 -13 UNC	1.0	5.75
6DHG	12	5/8 -11 UNC	1.0	8.13
8DHG	12	5/8 -11 UNC	1.0	10.63
10DHG	12	3/4 -10 UNC	1.13	12.50
12DHG	12	7/8 -9 UNC	1.50	14.75

TABLE 2A: 150# DISCHARGE FLANGE DIMENSIONS

SIZE	O.D.	# OF HOLES	∅ BOLT	∅BOLT CIRCLE
4	9.0	8	5/8	7.50
6	11.0	8	3/4	9.50
8	13.50	8	3/4	11.75
10	16.0	12	7/8	14.25
12	19.02	12	7/8	17.00

TABLE 2B: 300# DISCHARGE FLANGE DIMENSIONS

SIZE	O.D.	# OF HOLES	∅ BOLT	∅BOLT CIRCLE
4	10.0	8	3/4	7.95
6	12.5	12	3/4	10.63
8	15.0	12	7/8	13.00
10	17.68	16	1	15.25
12	20.50	16	1 1/8	17.75

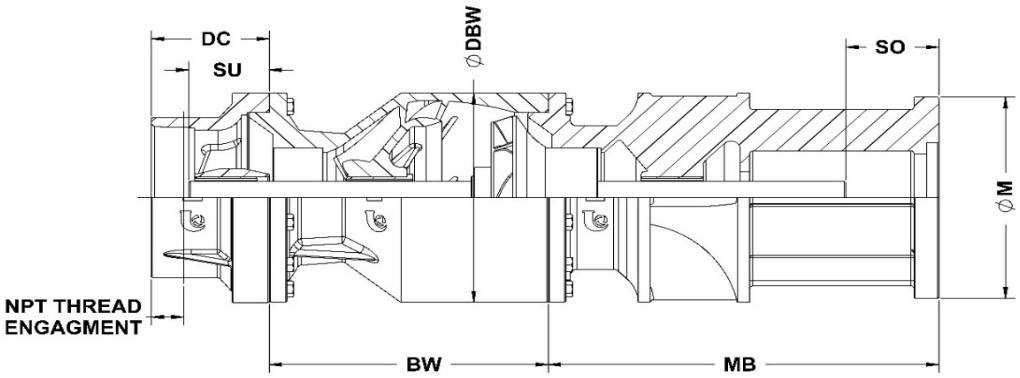
CENTERLINES REMAIN THE SAME WITH OR WITHOUT 150# OR 300# ANSI FLANGE

*ALL DIMENSIONS IN INCHES UNLESS OTHERWISE NOTED
*SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

INTEGRITY PUMP & MOTOR GROUP, LLC

DATE: 06/10/2020
REV: C
FILE NAME: ENG128_REVC_061020

TITLE:
INTEGRITY SUBMERSIBLE TURBINE BOWL END ENGINEERING DIMENSIONS

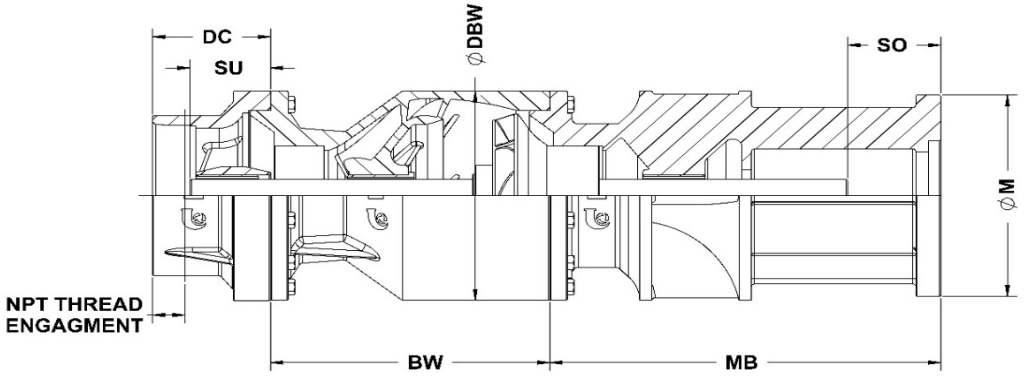


MODEL	MOTOR SIZE	DIS SIZE	DC DIS LGHT	BW BOWL LGTH	MB MOTOR BRACKET LGTH	SO SHAFT SET UP	ØDBW BOWL DIA.	ØM MOTOR REG. DIA.	SU[3]	SHAFT DIA	SINGLE STG WEIGHT	ADD STG WEIGHT	1STG SHAFT LGTH	NPT THRD ENGAG[4]
5ILL/ 5ILH	6"	3 SUB	5.35	4.57	10.28	3.00	5.74	5.50	2.50	1.000	35.0	12.0	14.35	1.10
		4" MALE	5.35	4.57	10.28	3.00	5.74	5.50	2.50	1.000	35.0	12.0	14.35	1.10
5IMH	6"	3 SUB	5.35	4.57	10.28	3.00	5.74	5.50	2.50	1.000	35.0	13.0	14.35	1.00
		4" MALE	5.35	4.57	10.28	3.00	5.74	5.50	2.50	1.000	35.0	13.0	14.35	1.10
5IHL/ 5IHH	6"	3 SUB	5.35	4.80	10.28	3.00	5.74	5.50	2.50	1.000	36.0	15.0	14.58	1.00
		4" MALE	5.35	4.80	10.28	3.00	5.74	5.50	2.50	1.000	36.0	15.0	14.58	1.10
6ILL/ 6ILH	6"	3 SUB	3.74	5.12	10.55	3.00	6.41	5.50	2.75	1.000	50.0	24.0	15.42	1.00
		4" MALE	3.74	5.12	10.55	3.00	6.41	5.50	2.75	1.000	50.0	24.0	15.42	1.10
6IHL/6IHH	6"	4 SUB	5.35	4.72	9.47	3.00	6.05	5.35	4.00	1.000	55.0	26.0	15.19	1.10
7ILL / 7ILH	6"	4 SUB	3.62	5.51	12.87	3.00	7.13	5.51	3.36	1.188	74.1	26.0	18.74	1.10
		6 SUB	3.62	5.51	12.87	3.00	7.13	5.51	3.28	1.188	74.0	26.0	18.66	1.20
	8"	4 SUB	3.62	5.51	15.24	3.88	7.13	7.50	3.36	1.188	85.5	26.0	20.23	1.10
		6 SUB	3.62	5.51	15.24	3.88	7.13	7.50	3.28	1.188	85.4	26.0	20.15	1.20
7IML / 7IMH	6"	4 SUB	3.62	6.38	12.87	3.00	7.13	5.51	3.36	1.188	74.7	28.5	19.61	1.10
		6 SUB	3.62	6.38	12.87	3.00	7.13	5.51	3.28	1.188	74.3	28.5	19.53	1.20
	8"	4 SUB	3.62	6.38	15.24	3.88	7.13	7.50	3.36	1.188	86.4	28.5	21.10	1.10
		6 SUB	3.62	6.38	15.24	3.88	7.13	7.50	3.28	1.188	86.0	28.5	21.02	1.20
7IHL / 7IHH	6"	4 SUB	3.62	7.09	12.87	3.00	7.13	5.51	3.36	1.188	74.6	28.5	20.32	1.10
		6 SUB	3.62	7.09	12.87	3.00	7.13	5.51	3.28	1.188	74.5	28.5	20.24	1.20
	8"	4 SUB	3.62	7.09	15.24	3.88	7.13	7.50	3.36	1.188	86.0	28.5	21.81	1.10
		6 SUB	3.62	7.09	15.24	3.88	7.13	7.50	3.28	1.188	85.9	28.5	21.73	1.20
9IDML / 9IDMH	8" / 10"	4 SUB	6.00	11.25	15.75	3.88	9.50	9.13	4.00	1.500	179.6	79.3	27.12	1.10
		6 SUB	4.75	11.25	15.75	3.88	9.50	9.13	4.00	1.500	180.5	79.3	27.12	1.20
9IDHL / 9IDHH	8" / 10"	4 SUB	6.00	11.65	15.75	3.88	9.50	9.13	4.00	1.500	178.4	74.5	27.52	1.10
		6 SUB	4.75	11.65	15.75	3.88	9.50	9.13	4.00	1.500	179.3	74.5	27.52	1.20

[1] TWO MOTOR BRACKET
[2] TWO PIECE DISCHARGE CASE
[3] DISTANCE FROM BOTTOM OF DISCHARGE CASE FLANGE TO TOP OF BOWL SHAFT
[4] DISTANCE NPT THREADS ENGAGE INTO DISCHARGE CASE

DATE: 06/10/2020
REV: C
FILE NAME: ENG128_REVC_061020

TITLE:
INTEGRITY SUBMERSIBLE TURBINE BOWL END ENGINEERING DIMENSIONS



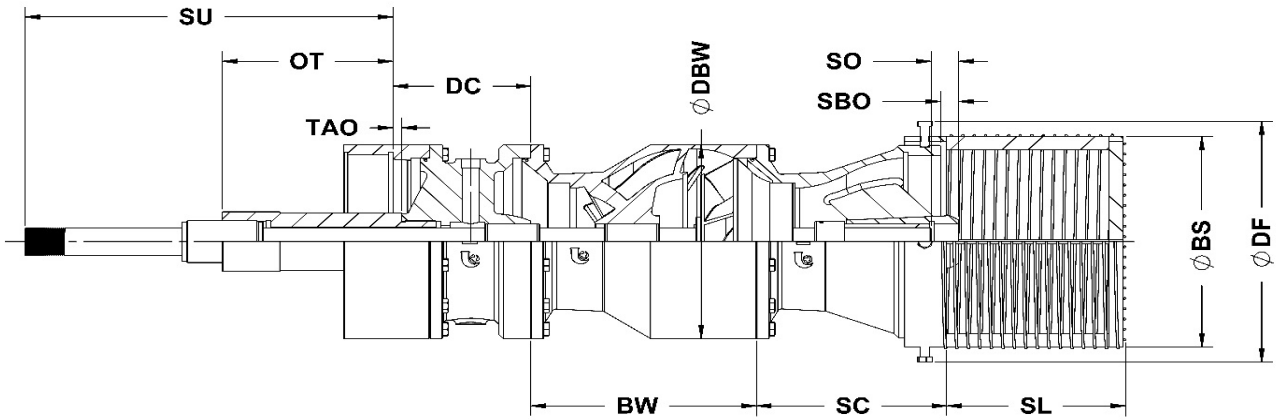
MODEL	MOTOR SIZE	DIS SIZE	DC DIS LGHT	BW BOWL LGTH	MB MOTOR BRACKET LGTH	SO SHAFT SET UP	ØDBW BOWL DIA.	ØM MOTOR REG. DIA.	SU[3]	SHAFT DIA	SINGLE STG WEIGHT	ADD STG WEIGHT	1STG SHAFT LGTH	NPT THRD ENGAG[4]
11IDLL/ 11IDLH[1]	8"/ 10" -A	6 SUB	8.50[2]	11.75	24.00	3.88	11.25	9.13	3.00	1.688	450.7	116.1	34.87	1.20
		8 SUB	8.50[2]	11.75	24.00	3.88	11.25	9.13	3.00	1.688	448.7	116.1	34.87	1.96
	10" -B, 12", 14"	6 SUB	8.50[2]	11.75	24.00	4.75	11.25	13.25	3.00	1.688	478.2	116.1	34.00	1.20
		8 SUB	8.50[2]	11.75	24.00	4.75	11.25	13.25	3.00	1.688	476.2	116.1	34.00	1.96
11IDML/ 11IDMH[1]	8"/ 10" -A	6 SUB	8.50[2]	12.38	24.00	3.88	11.25	9.13	3.00	1.688	452.6	123.0	35.50	1.20
		8 SUB	8.50[2]	12.38	24.00	3.88	11.25	9.13	3.00	1.688	450.6	123.0	35.50	1.96
	10" -B, 12", 14"	6 SUB	8.50[2]	12.38	24.00	4.75	11.25	13.25	3.00	1.688	480.1	123.0	34.63	1.20
		8 SUB	8.50[2]	12.38	24.00	4.75	11.25	13.25	3.00	1.688	478.1	123.0	34.63	1.96
11IDHH[1]	8"/ 10" -A	6 SUB	4.75	12.88	24.00	3.88	11.49	9.13	3.25	1.688	405.9	126.6	36.25	1.20
		8 SUB	4.75	12.88	24.00	3.88	11.49	9.13	3.25	1.688	408.4	126.6	36.25	1.96
	10" -B, 12", 14"	6 SUB	4.75	12.88	24.00	4.75	11.49	13.25	3.25	1.688	433.5	126.6	35.38	1.20
		8 SUB	4.75	12.88	24.00	4.75	11.49	13.25	3.25	1.688	436.0	126.6	35.38	1.96
12ICL/ 12ICH[1]	8"/ 10" -A	6 SUB	4.75	9.00	24.00	3.88	11.75	9.13	3.25	1.688	398.7	101.3	32.37	1.20
		8 SUB	4.75	9.00	24.00	3.88	11.75	9.13	3.25	1.688	401.2	101.3	32.37	1.96
	10" -B, 12", 14"	6 SUB	4.75	9.00	24.00	4.75	11.75	13.25	3.25	1.688	426.2	101.3	31.50	1.20
		8 SUB	4.75	9.00	24.00	4.75	11.75	13.25	3.25	1.688	428.7	101.3	31.50	1.96
12ILL/ 12ILH[1]	8"/ 10" -A	6 SUB	4.75	11.00	24.00	3.88	11.75	9.13	3.25	1.688	413.9	122.6	34.37	1.20
		8 SUB	4.75	11.00	24.00	3.88	11.75	9.13	3.25	1.688	416.4	122.6	34.37	1.96
	10" -B, 12", 14"	6 SUB	4.75	11.00	24.00	4.75	11.75	13.25	3.25	1.688	441.5	122.6	33.50	1.20
		8 SUB	4.75	11.00	24.00	4.75	11.75	13.25	3.25	1.688	444.0	122.6	33.50	1.96

[1] TWO MOTOR BRACKET
[2] TWO PIECE DISCHARGE CASE
[3] DISTANCE FROM BOTTOM OF DISCHARGE CASE FLANGE TO TOP OF BOWL SHAFT
[4] DISTANCE NPT THREADS ENGAGE INTO DISCHARGE CASE

DATE: 01/24/2022
REV: G
FILE NAME: ENG124_REVG_012422

TITLE:
INTEGRITY VERTICAL TURBINE BOWL END ENGINEERING DIMENSIONS

INTEGRITY PUMP & MOTOR GROUP, LLC



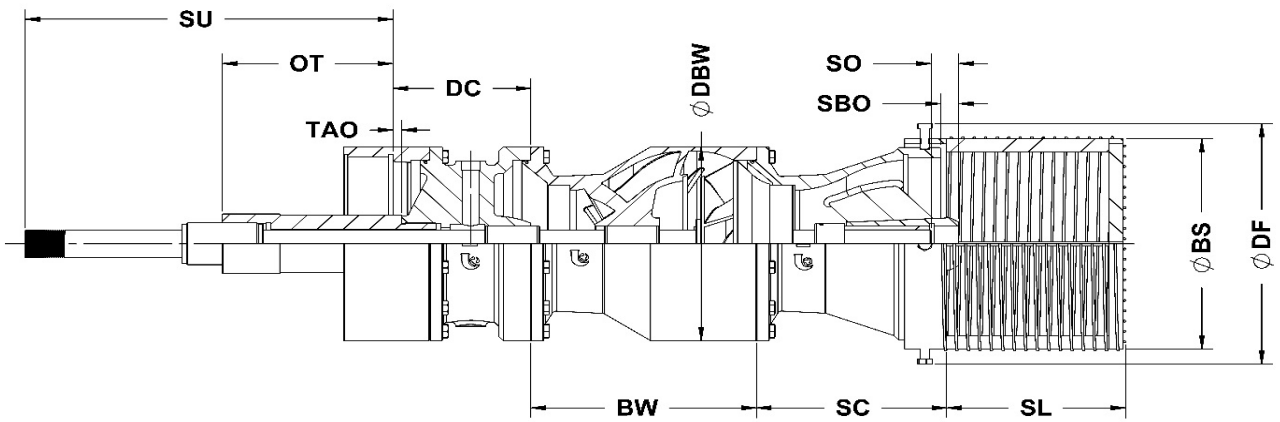
MODEL	DIS SIZE	DC DIS LGHT	BW BOWL LGTH	SC SUCTION LGTH	SBO[1] SUCTION BRNG OFFEST	SL STRAINER LGTH	SO SHAFT SET UP	TAO[2] TUBE ADPT OFFSET	ØDBW BOWL DIA.	ØBS BASKET DIA	ØDF FASTNER DIA MAX	SHAFT DIA	SUCT. SIZE	IMP. LAT.	SINGLE STG WEIGHT	ADD STG WEIGHT	WL 1STG SHAFT LGTH[3]	OL 1STG SHAFT LGTH[4]
7ILL / 7ILH	4 WL	2.25	5.51	8.46	0.12	6.00	1.00	-	7.13	8.50	10.00	1.188	6	0.77	70.0	26.0	23.34	-
	6 WL	2.25	5.51	8.46	0.12	6.00	1.00	-	7.13	8.50	10.00	1.188	6		69.6	26.0	23.34	-
7IML / 7IMH	4 WL	2.25	6.38	8.46	0.12	6.00	1.00	-	7.13	8.50	10.00	1.188	6	0.58	72.6	28.5	24.21	-
	6 WL	2.25	6.38	8.46	0.12	6.00	1.00	-	7.13	8.50	10.00	1.188	6		72.2	28.5	24.21	-
7IHL / 7IHH	4 WL	2.25	7.09	8.46	0.12	6.00	1.00	-	7.13	8.50	10.00	1.188	6	0.75	72.5	28.5	24.92	-
	6 WL	2.25	7.09	8.46	0.12	6.00	1.00	-	7.13	8.50	10.00	1.188	6		72.1	28.5	24.92	-
9IEL / 9IEH	4 WL	4.50	8.00	8.50	-	6.00	1.50	-	9.50	8.50	10.00	1.500	6	0.73	132.4	65.2	27.50	-
	6 WL	3.00	8.00	8.50	-	6.00	1.50	-	9.50	8.50	10.00	1.500	6		132.3	65.2	26.00	-
	6 OL	6.75	8.00	8.50	-	6.00	1.50	0.26	9.50	8.50	10.00	1.500	6		169.1	65.2	29.75	41.75
9IDML/ 9IDMH	4 WL	4.50	11.25	9.37	0.13	6.00	1.50	-	9.50	8.50	10.00	1.500	6	2.20	153.7	79.3	31.75	-
	6 WL	3.00	11.25	9.37	0.13	6.00	1.50	-	9.50	8.50	10.00	1.500	6		153.7	79.3	30.25	-
	6 OL	6.75	11.25	9.37	0.13	6.00	1.50	0.26	9.50	8.50	10.00	1.500	6		190.5	79.3	34.00	46.00
9IDHL/ 9IDHH	4 WL	4.50	11.65	9.37	0.13	6.00	1.50	-	9.50	8.50	10.00	1.500	6	2.20	145.3	74.5	32.15	-
	6 WL	3.00	11.65	9.37	0.13	6.00	1.50	-	9.50	8.50	10.00	1.500	6		145.3	74.5	30.65	-
	6 OL	6.75	11.65	9.37	0.13	6.00	1.50	0.26	9.50	8.50	10.00	1.500	6		182.1	74.5	34.40	46.40

[1] DISTANCE FROM THE BOTTOM OF THE SUCTION CASE TO THE BOTTOM OF THE BEARING HUB
[2] DISTANCE FROM COLUMN CONNECTION TO TUBE ADAPTER CONNECTION ON DISCHARGE CASE
[3] ASSUMES 8.00" SHAFT PROJECTION
[4] ASSUMES 20.00" SHAFT PROJECTION

DATE: 01/24/2022
REV: G
FILE NAME: ENG124_REVG_012422

TITLE:
INTEGRITY VERTICAL TURBINE BOWL END
ENGINEERING DIMENSIONS

INTEGRITY PUMP & MOTOR GROUP, LLC

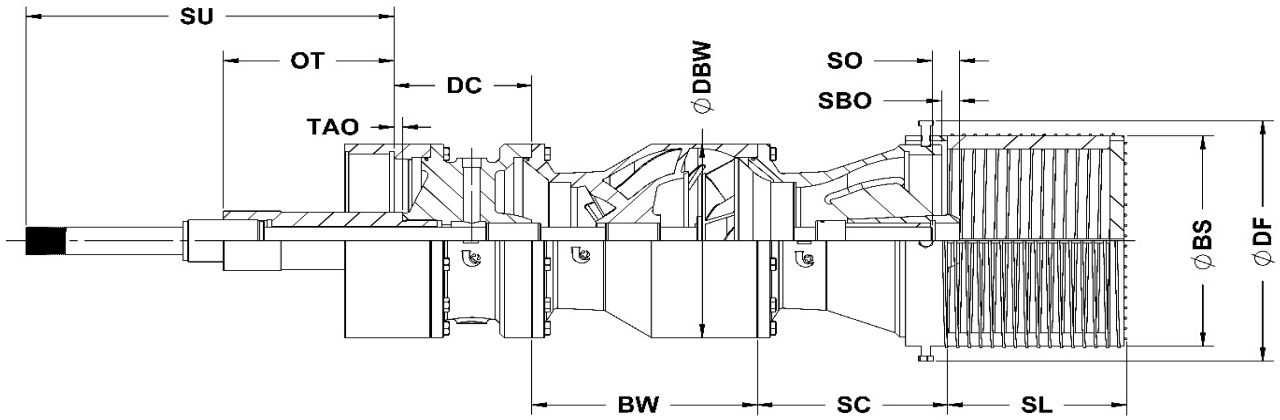


MODEL	DIS SIZE	DC DIS LGHT	BW BOWL LGTH	SC SUCTION LGTH	SBO[1] SUCTION BRNG OFFEST	SL STRAINER LGTH	SO SHAFT SET UP	TAO[2] TUBE ADPT OFFSET	ØDBW BOWL DIA.	ØBS BASKET DIA	ØDF FASTNER DIA MAX	SHAFT DIA	SUCT. SIZE	IMP. LAT.	SINGLE STG WEIGHT	ADD STG WEIGHT	WL 1STG SHAFT LGTH[3]	OL 1STG SHAFT LGTH[4]
11IDLL/ 11IDLH	6 WL	1.25	11.75	11.25	-	7.88	1.50	-	11.25	10.75	12.50	1.688	8	2.00	220.9	116.1	30.75	-
	8 WL	1.25	11.75	11.25	-	7.88	1.50	-	11.25	10.75	12.50	1.688	8		218.9	116.1	30.75	-
	6 OL	6.75	11.75	11.25	-	7.88	1.50	-0.47	11.25	10.75	12.50	1.688	8		300.0	116.1	36.25	48.25
	8 OL	6.75	11.75	11.25	-	7.88	1.50	-0.47	11.25	10.75	12.50	1.688	8		298.0	116.1	36.25	48.25
	FLG OL	5.50	11.75	11.25	-	7.88	1.50	0.78	11.25	10.75	12.50	1.688	8		273.1	116.1	35.00	47.00
11IDML/ 11IDMH	6 WL	1.25	12.38	11.25	-	7.88	1.50	-	11.25	10.75	12.50	1.688	8	2.07	223.4	123.0	31.38	-
	8 WL	1.25	12.38	11.25	-	7.88	1.50	-	11.25	10.75	12.50	1.688	8		221.4	123.0	31.38	-
	6 OL	6.75	12.38	11.25	-	7.88	1.50	-0.47	11.25	10.75	12.50	1.688	8		302.5	123.0	36.88	48.88
	8 OL	6.75	12.38	11.25	-	7.88	1.50	-0.47	11.25	10.75	12.50	1.688	8		300.5	123.0	36.88	48.88
	FLG OL	5.50	12.38	11.25	-	7.88	1.50	0.78	11.25	10.75	12.50	1.688	8		275.6	123.0	35.63	47.63
11IDHH	6 WL	3.00	12.88	11.25	-	7.88	1.50	-	11.49	10.75	12.50	1.688	8	2.00	245.2	126.6	33.63	-
	8 WL	3.00	12.88	11.25	-	7.88	1.50	-	11.49	10.75	12.50	1.688	8		247.7	126.6	33.63	-
	8 OL	7.58	12.88	11.25	-	7.88	1.50	-0.47	11.49	10.75	12.50	1.688	8		299.2	126.6	38.21	50.21
	10 OL	7.58	12.88	11.25	-	7.88	1.50	-0.47	11.50	10.75	12.50	1.688	8		310.5	126.6	38.21	50.21

[1] DISTANCE FROM THE BOTTOM OF THE SUCTION CASE TO THE BOTTOM OF THE BEARING HUB
[2] DISTANCE FROM COLUMN CONNECTION TO TUBE ADAPTER CONNECTION ON DISCHARGE CASE
[3] ASSUMES 8.00" SHAFT PROJECTION
[4] ASSUMES 20.00" SHAFT PROJECTION
[5] DISCHARGE CASE DIAMETER Ø11.75"

DATE: 01/24/2022
REV: G
FILE NAME: ENG124_REVG_012422

TITLE:
INTEGRITY VERTICAL TURBINE BOWL END ENGINEERING DIMENSIONS



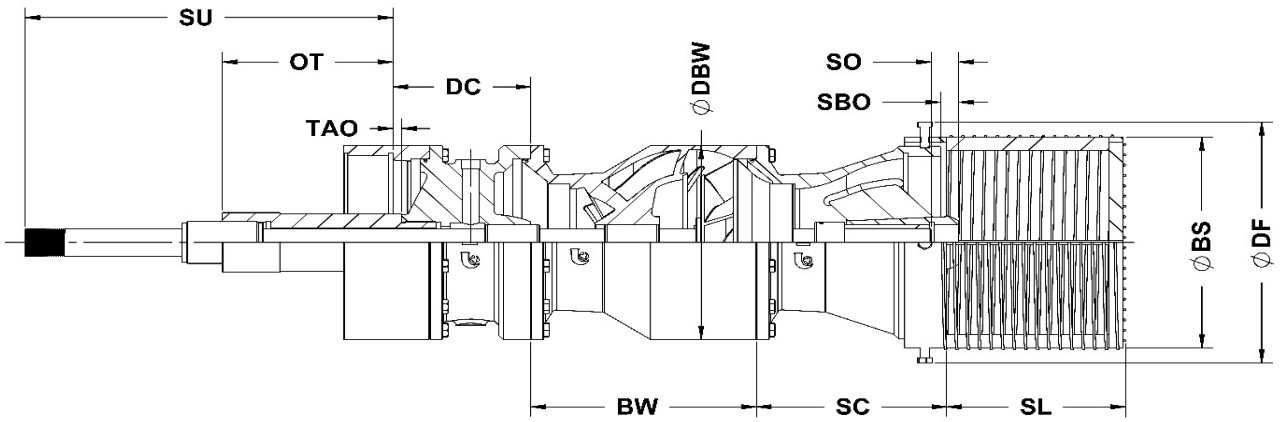
MODEL	DIS SIZE	DC DIS LGHT	BW BOWL LGTH	SC SUCTION LGTH	SBO[1] SUCTION BRNG OFFEST	SL STRAINER LGTH	SO SHAFT SET UP	TAO[2] TUBE ADPT OFFSET	ØDBW BOWL DIA.	ØBS BASKET DIA	ØDF FASTNER DIA MAX	SHAFT DIA	SUCT. SIZE	IMP. LAT.	SINGLE STG WEIGHT	ADD STG WEIGHT	WL 1STG SHAFT LGTH[3]	OL 1STG SHAFT LGTH[4]
12ICL / 12ICH	6 WL	3.00	9.00	10.00	1.00	7.88	1.50	-	11.75	10.75	12.50	1.688	8	0.93	212.4	101.3	29.50	-
	8 WL	3.00	9.00	10.00	1.00	7.88	1.50	-	11.75	10.75	12.50	1.688	8		214.9	101.3	29.50	-
	8 OL	7.58	9.00	10.00	1.00	7.88	1.50	-0.47	11.75	10.75	12.50	1.688	8		266.4	101.3	34.08	46.08
	10 OL	7.58	9.00	10.00	1.00	7.88	1.50	-0.47	11.75	10.75	12.50	1.688	8		277.7	101.3	34.08	46.08
12ILL / 12ILH	6 WL	3.00	11.00	10.00	0.97	7.88	1.50	-	11.75	10.75	12.50	1.688	8	0.90	237.8	122.6	31.47	-
	8 WL	3.00	11.00	10.00	0.97	7.88	1.50	-	11.75	10.75	12.50	1.688	8		240.3	122.6	31.47	-
	8 OL	7.58	11.00	10.00	0.97	7.88	1.50	-0.47	11.75	10.75	12.50	1.688	8		291.9	122.6	36.05	48.05
	10 OL	7.58	11.00	10.00	0.97	7.88	1.50	-0.47	11.75	10.75	12.50	1.688	8		303.2	122.6	36.05	48.05
12IHH	8 WL	2.00	12.25	10.00	1.00	10.00	1.50	1.53	11.75	13.00	14.63	1.688	10	1.08	260.6	106.4	31.75	43.75
	10 WL	2.00	12.25	10.00	1.00	10.00	1.50	-	11.75	13.00	14.63	1.688	10		265.0	106.4	31.75	43.75
	8 OL	7.50	12.25	10.00	1.00	10.00	1.50	1.53	11.75	13.00	14.63	1.688	10		287.3	106.4	37.25	49.25
	10 OL	7.50	12.25	10.00	1.00	10.00	1.50	-0.47	11.75	13.00	14.63	1.688	10		291.7	106.4	37.25	49.25
	FLG OL	5.50	12.25	10.00	1.00	10.00	1.50	1.53	11.75	13.00	14.63	1.688	10		258.8	106.4	35.25	47.25
12IHS	8 WL	2.00	12.25	10.00	1.00	10.00	1.50	-	11.75	13.00	14.63	1.688	10	1.62	271.7	108.1	31.75	43.75
	10 WL	2.00	12.25	10.00	1.00	10.00	1.50	-	11.75	13.00	14.63	1.688	10		276.1	108.1	31.75	43.75
	8 OL	2.00	12.25	10.00	1.00	10.00	1.50	-	11.75	13.00	14.63	1.688	10		298.4	108.1	31.75	43.75
	10 OL	7.50	12.25	10.00	1.00	10.00	1.50	-0.47	11.75	13.00	14.63	1.688	10		302.8	108.1	37.25	49.25
	FLG OL	5.50	12.25	10.00	1.00	10.00	1.50	1.53	11.75	13.00	14.63	1.688	10		269.9	108.1	35.25	47.25

[1] DISTANCE FROM THE BOTTOM OF THE SUCTION CASE TO THE BOTTOM OF THE BEARING HUB
[2] DISTANCE FROM COLUMN CONNECTION TO TUBE ADAPTER CONNECTION ON DISCHARGE CASE
[3] ASSUMES 8.00" SHAFT PROJECTION
[4] ASSUMES 20.00" SHAFT PROJECTION

DATE: 01/24/2022
REV: G
FILE NAME: ENG124_REVG_012422

TITLE:
INTEGRITY VERTICAL TURBINE BOWL END ENGINEERING DIMENSIONS

INTEGRITY PUMP & MOTOR GROUP, LLC



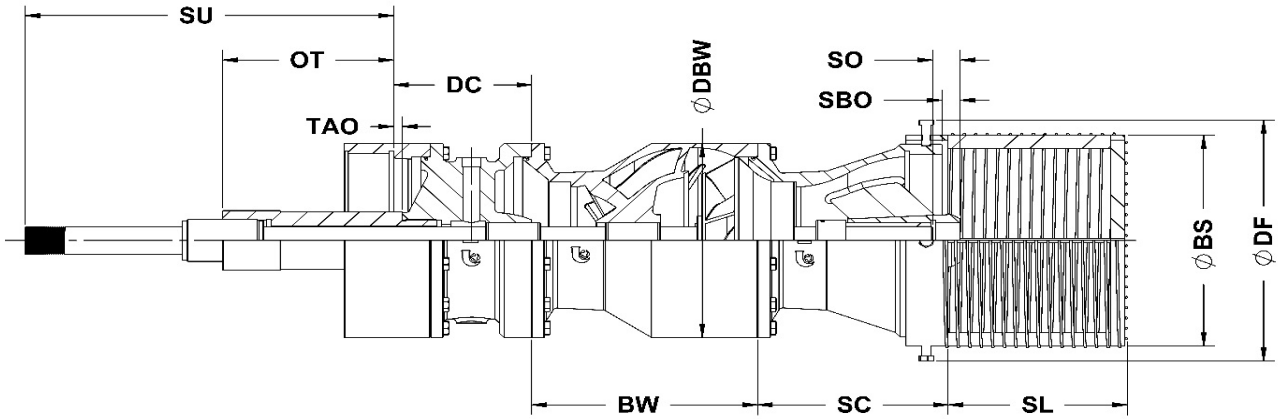
MODEL	DIS SIZE	DC DIS LGHT	BW BOWL LGTH	SC SUCTION LGTH	SBO[1] SUCTION BRNG OFFEST	SL STRAINER LGTH	SO SHAFT SET UP	TAO[2] TUBE ADPT OFFSET	ØDBW BOWL DIA.	ØBS BASKET DIA	ØDF FASTNER DIA MAX	SHAFT DIA	SUCT. SIZE	IMP. LAT.	SINGLE STG WEIGHT	ADD STG WEIGHT	WL 1STG SHAFT LGTH[3]	OL 1STG SHAFT LGTH[4]
14ILH	8 WL	2.00	12.13	11.00	-	10.00	2.00	-	14.00	13.00	14.63	2.188	10	0.82	323.9	181.0	31.13	-
	10 WL	2.00	12.13	11.00	-	10.00	2.00	-	14.00	13.00	14.63	2.188	10		333.4	181.0	31.13	-
	12 WL	2.00	12.13	11.00	-	10.00	2.00	-	14.00	13.00	14.63	2.188	10		327.5	181.0	31.13	-
	8 OL	9.00	12.13	11.00	-	10.00	2.00	4.00	14.00	13.00	14.63	2.188	10		470.4	181.0	38.13	50.13
	10 OL	9.00	12.13	11.00	-	10.00	2.00	4.00	14.00	13.00	14.63	2.188	10		479.9	181.0	38.13	50.13
	12 OL	9.00	12.13	11.00	-	10.00	2.00	4.00	14.00	13.00	14.63	2.188	10		474.0	181.0	38.13	50.13
	FLG OL	7.00	12.13	11.00	-	10.00	2.00	6.00	14.00	13.00	14.63	2.188	10		453.3	181.0	36.13	48.13
14IML / 14IMH	8 WL	2.00	13.50	11.00	-	10.00	2.00	-	14.00	13.00	14.63	2.188	10	1.13	329.4	179.5	32.50	-
	10 WL	2.00	13.50	11.00	-	10.00	2.00	-	14.00	13.00	14.63	2.188	10		338.9	179.5	32.50	-
	12 WL	2.00	13.50	11.00	-	10.00	2.00	-	14.00	13.00	14.63	2.188	10		333.0	179.5	32.50	-
	8 OL	9.00	13.50	11.00	-	10.00	2.00	4.00	14.00	13.00	14.63	2.188	10		476.0	179.5	39.50	51.50
	10 OL	9.00	13.50	11.00	-	10.00	2.00	4.00	14.00	13.00	14.63	2.188	10		485.5	179.5	39.50	51.50
	12 OL	9.00	13.50	11.00	-	10.00	2.00	4.00	14.00	13.00	14.63	2.188	10		479.6	179.5	39.50	51.50
	FLG OL	7.00	13.50	11.00	-	10.00	2.00	6.00	14.00	13.00	14.63	2.188	10		440.8	179.5	37.50	49.50
14IHH / 14IHS	8 WL	2.00	13.63	11.00	-	10.00	2.00	-	14.22	13.00	14.63	2.188	10	1.14	351.8	194.3	32.63	-
	10 WL	2.00	13.63	11.00	-	10.00	2.00	-	14.22	13.00	14.63	2.188	10		361.3	194.3	32.63	-
	12 WL	2.00	13.63	11.00	-	10.00	2.00	-	14.22	13.00	14.63	2.188	10		355.4	194.3	32.63	-
	8 OL	9.00	13.63	11.00	-	10.00	2.00	4.00	14.22	13.00	14.63	2.188	10		498.3	194.3	39.63	51.63
	10 OL	9.00	13.63	11.00	-	10.00	2.00	4.00	14.22	13.00	14.63	2.188	10		507.9	194.3	39.63	51.63
	12 OL	9.00	13.63	11.00	-	10.00	2.00	4.00	14.22	13.00	14.63	2.188	10		501.9	194.3	39.63	51.63
	FLG OL	7.00	13.63	11.00	-	10.00	2.00	6.00	14.22	13.00	14.63	2.188	10		463.2	194.3	37.63	49.63

[1, 2, 3, 4] SEE PREVIOUS PAGES FOR NOTES

DATE: 01/24/2022
REV: G
FILE NAME: ENG124_REVG_012422

TITLE:
INTEGRITY VERTICAL TURBINE BOWL END
ENGINEERING DIMENSIONS

INTEGRITY PUMP & MOTOR GROUP, LLC



MODEL	DIS SIZE	DC DIS LGHT	BW BOWL LGTH	SC SUCTION LGTH	SBO[1] SUCTION BRNG OFFEST	SL STRAINER LGTH	SO SHAFT SET UP	TAO[2] TUBE ADPT OFFSET	ØDBW BOWL DIA.	ØBS BASKET DIA	ØDF FASTNER DIA MAX	SHAFT DIA	SUCT. BELL OD	IMP. LAT.	SINGLE STG WEIGHT	ADD STG WEIGHT	WL 1STG SHAFT LGTH[3]	OL 1STG SHAFT LGTH[4]
16IMH	12 WL	2.00	15.00	6.50	6.50	12.00	2.50	-	15.47	18.88	20.00	2.188	15.50	0.75	475.1	242.1	35.50	47.50
	12 OL	10.00	15.00	6.50	6.50	12.00	2.50	2.00	15.47	18.88	20.00	2.188	15.50		609.0	242.1	43.50	55.50
	FLG OL	8.00	15.00	6.50	6.50	12.00	2.50	4.00	15.47	18.88	20.00	2.188	15.50		552.8	242.1	41.50	53.50
16IHH	12 WL	2.20	15.68	6.50	6.50	12.00	2.50	-	15.99	18.88	20.00	1.938	17.91	0.70	554.0	252.0	36.38	48.38
	12 OL	10.07	15.68	6.50	6.50	12.00	2.50	3.94	15.99	18.88	20.00	1.938	17.91		594.0	252.0	44.25	56.25
	FLG OL	7.87	15.68	6.50	6.50	12.00	2.50	6.14	15.99	18.88	20.00	1.938	17.91		534.0	252.0	42.05	54.05

[1] DISTANCE FROM THE BOTTOM OF THE SUCTION CASE TO THE BOTTOM OF THE BEARING HUB
[2] DISTANCE FROM COLUMN CONNECTION TO TUBE ADAPTER CONNECTION ON DISCHARGE CASE
[3] ASSUMES 8.00" SHAFT PROJECTION
[4] ASSUMES 20.00" SHAFT PROJECTION

DATE: 01/24/2022
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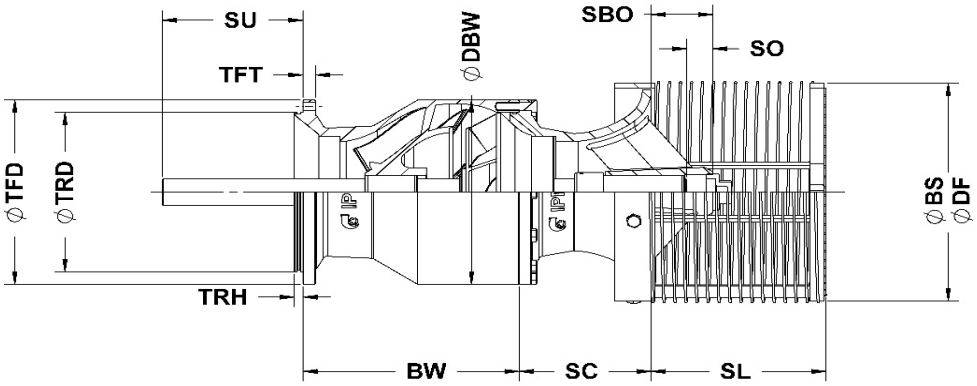
TITLE:
INTEGRITY VERTICAL TURBINE BOWL END ENGINEERING DIMENSIONS



MODEL	DIS SIZE	DC DIS LGHT	BW BOWL LGTH	SC SUCTION LGTH	SBO[1] SUCTION BRNG OFFEST	SL STRAINER LGTH	SO SHAFT SET UP	TAO[2] TUBE ADPT OFFSET	ØDBW BOWL DIA.	ØBS BASKET DIA	ØDF FASTNER DIA MAX	SHAFT DIA	SUCT. BELL OD	IMP. LAT.	SINGLE STG WEIGHT	ADD STG WEIGHT	WL 1STG SHAFT LGTH[3]	OL 1STG SHAFT LGTH[4]
16IMH	FLG BOWL	-	15.00	6.50	6.50	12.00	2.50	-	15.47	18.88	20.00	2.188	15.50	0.75	418.9	242.1	33.50	CONSULT FACTORY
16IHH	FLG BOWL	-	15.68	6.50	6.50	12.00	2.50	-	15.99	18.88	20.00	1.938	17.91	0.70	494.0	252.0	34.18	
18IML	FLG BOWL	-	16.75	11.97	3.65	17.00	2.25	-	17.75	18.75	20.00	2.438	17.75	0.75	661.0	482.0	38.12	
18IHL / 18IHH	FLG BOWL	-	18.63	10.17	1.78	12.00	2.00	-	18.54	20.00	21.00	2.188	18.97	0.75	586.0	395.0	36.58	
20IML / 20IMH	FLG BOWL	-	18.00	12.50	2.75	21.00	2.25	-	18.94	23.25	24.50	2.438	21.65	0.88	600.0	392.0	39.00	
21IHH	FLG BOWL	-	21.50	12.28	2.64	21.00	2.00	-	20.75	23.25	24.50	2.438	22.00	1.41	714.0	519.0	42.42	

MODEL	ØTFD TOP FLANGE DIAMETER	ØTRD TOP REG. DIAMETER (-0.000/ +0.002)	TRH TOP REG. HEIGHT	TFT TOP FLANGE THKNESS	BOLT HOLES		
					# OF BOLT HOLES	BOLT HOLE SIZE	BOLT HOLE CIRCL.
16IMH	15.47	13.248	0.50	1.00	16	0.56	14.37
16IHH	15.47	12.496	0.32	1.10	12	0.75	14.02
18IML	17.75	14.748	0.38	1.00	16	0.88	16.25
18IHL / 18IHH	18.15	14.801	0.20	1.14	12	0.88	16.52
20IML / 20IMH	18.00	15.183	0.38	1.00	16	0.88	16.62
21IHH	19.05	16.260	0.38	1.00	16	0.88	17.75

[1] DISTANCE FROM THE BOTTOM OF THE SUCTION CASE TO THE BOTTOM OF THE BEARING HUB

[2] DISTANCE FROM COLUMN CONNECTION TO TUBE ADAPTER CONNECTION ON DISCHARGE CASE

[3] ASSUMES 8.00" SHAFT PROJECTION