



American Turbine Discharge Heads

Models	p. 2
Discharge Head Accessories	p. 3
HH10 4 x 4 x 10	p. 4
HH20 6 x 6 x 12	p. 5
HH25 6 x 6 x 16 ½	p. 6
HH30 8 x 8 x 16 ½	p. 7
HH35 8 x 10 x 16 ½	p. 8
HH40 10 x 8 x 16 ½	p. 9
HH45 10 x 10 x 16 ½	p. 10
HH50 8 x 8 x 20	p. 11
HH60 10 x 10 x 20	p. 12
HH75 10 x 12 x 20	p. 13
HH70 10 x 10 x 20	p. 14
HH80 12 x 12 x 20	p. 15
HH85 12 x 10 x 20	p. 16
Type F	p. 17
Type L	p. 18
Type T	p. 19



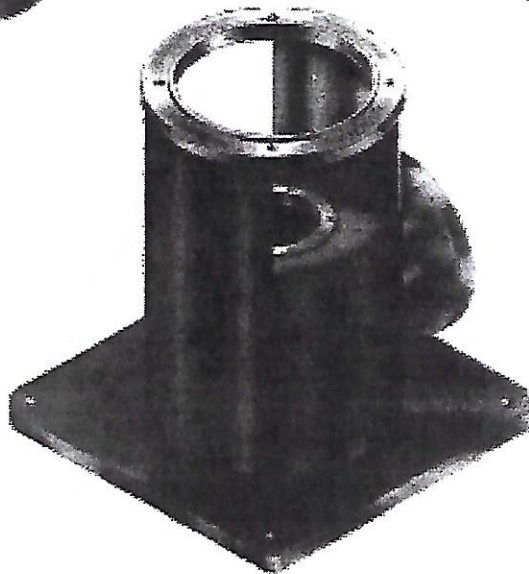
DISCHARGE HEADS



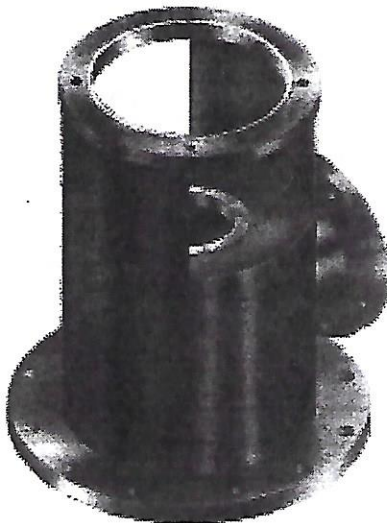
HH10 - HH80
CAST



HH50 - HH60
CAST



F-HEAD
FABRICATED



L-HEAD
FABRICATED

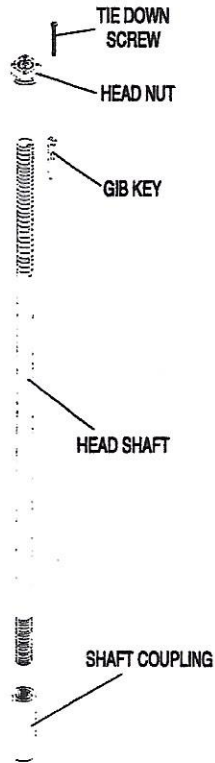


T-HEAD
FABRICATED

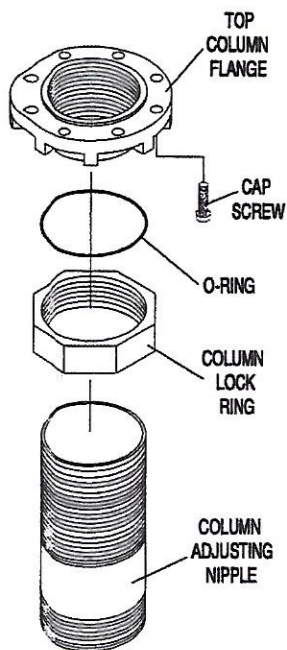


DISCHARGE HEAD ACCESSORIES

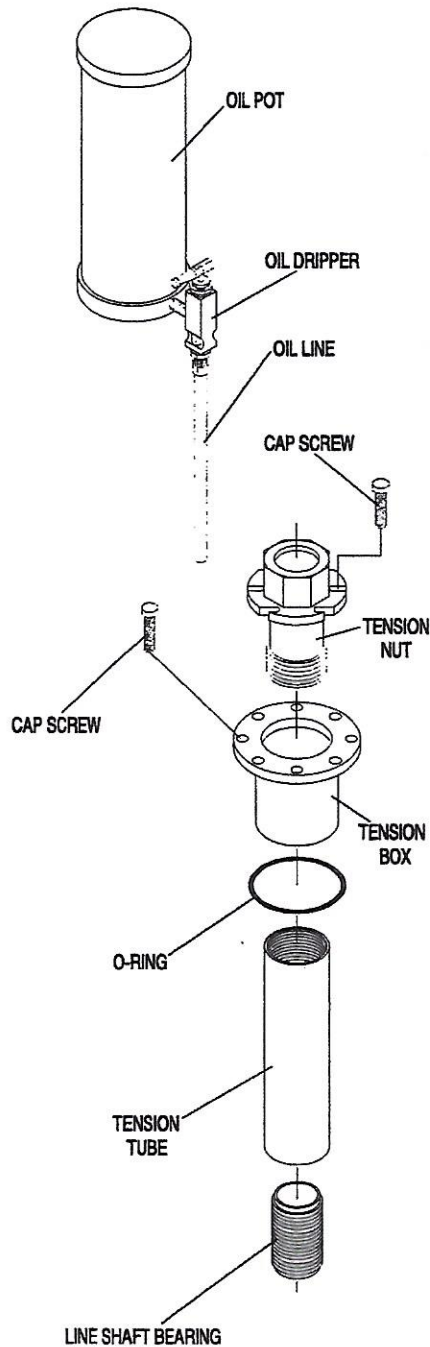
HEAD SHAFT ASSEMBLY



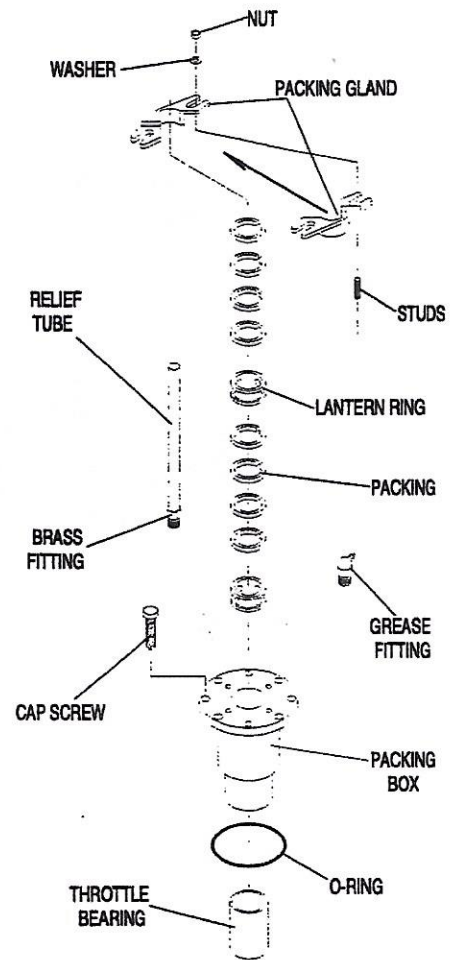
COLUMN ADJUSTMENT ASSEMBLY



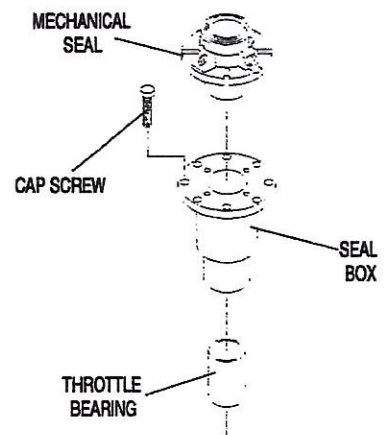
OIL LUBE AND TENSION ASSEMBLY



PRODUCT LUBE PACKING BOX ASSEMBLY

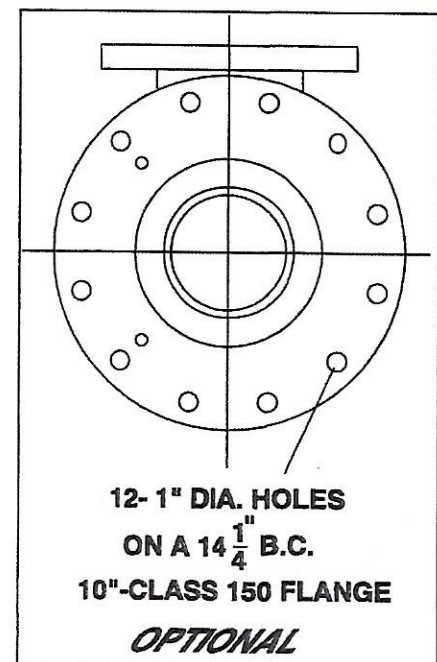
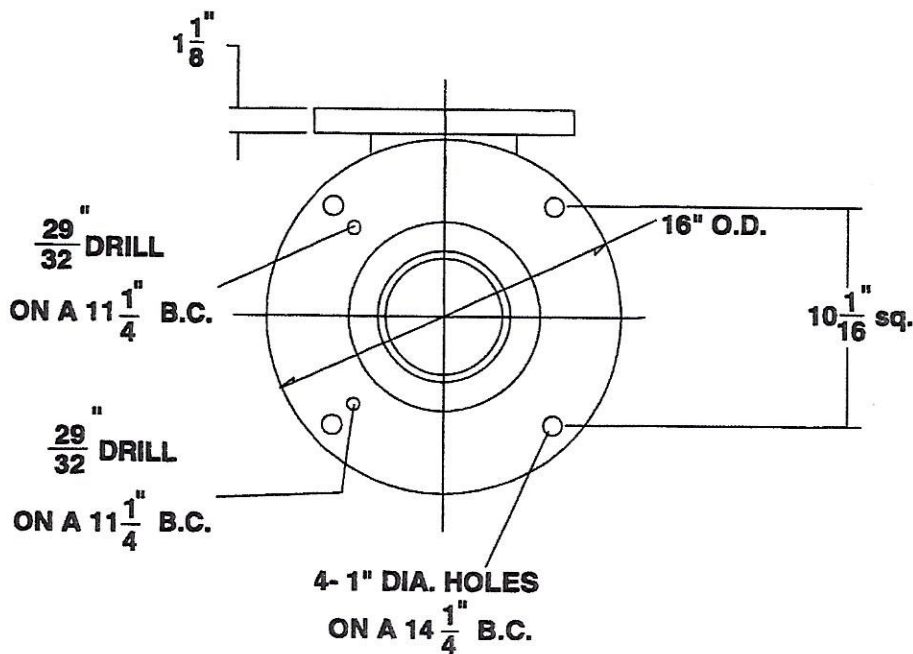
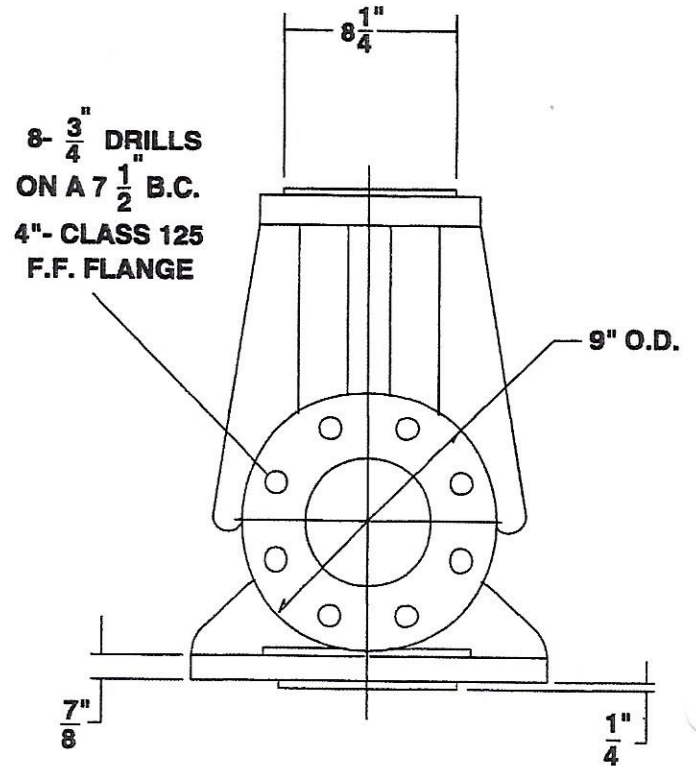
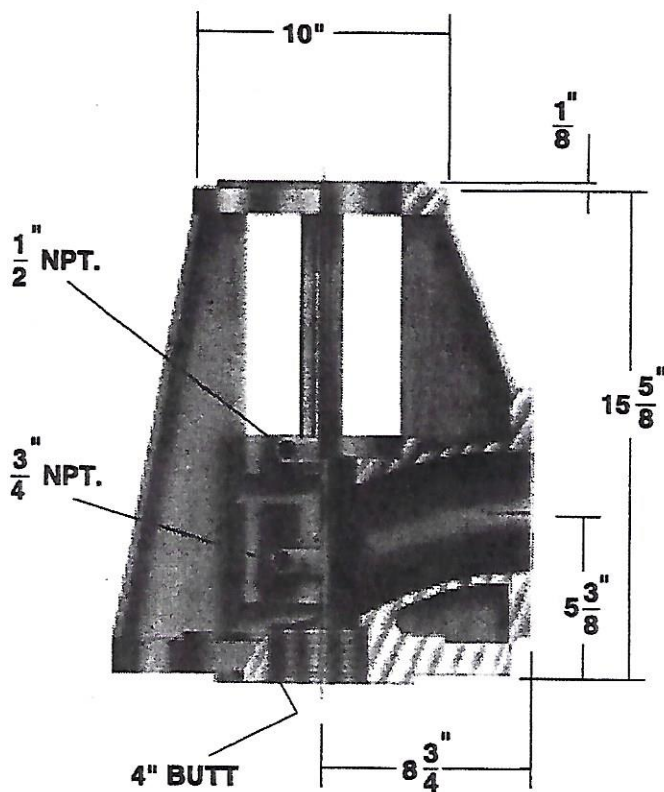


MECHANICAL SEAL ASSEMBLY





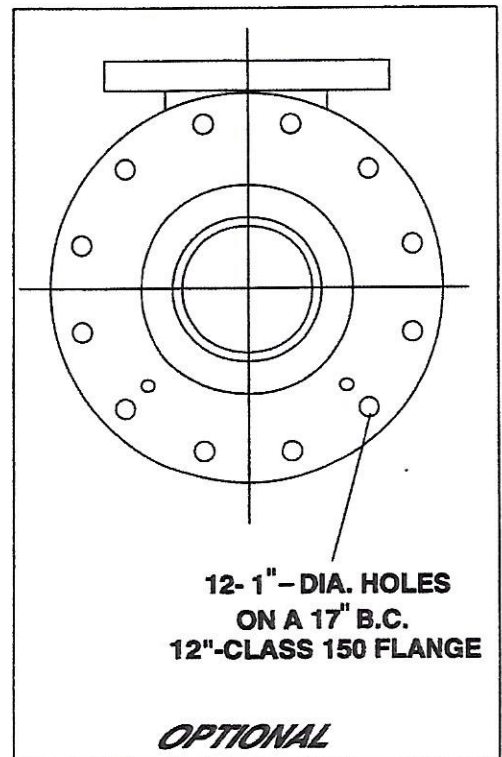
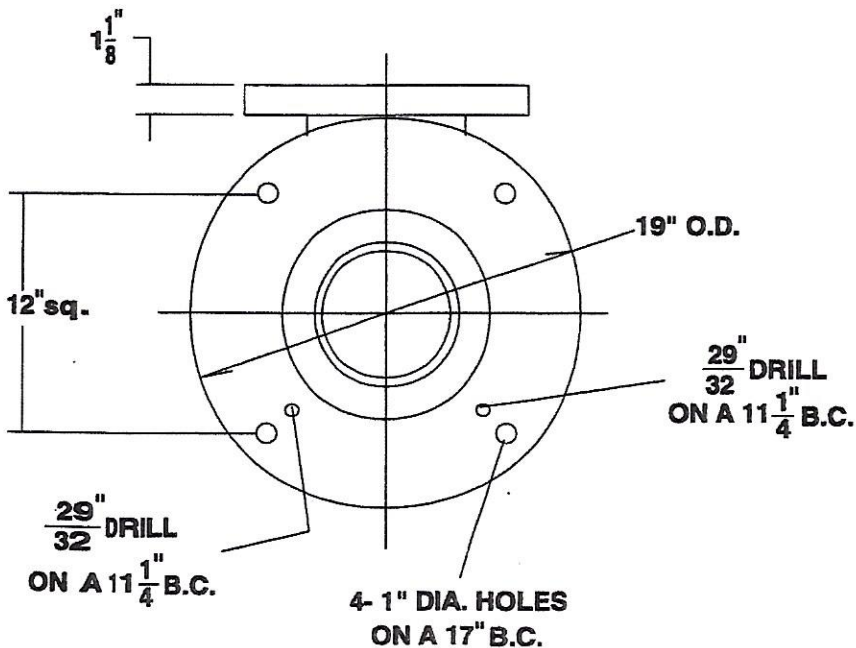
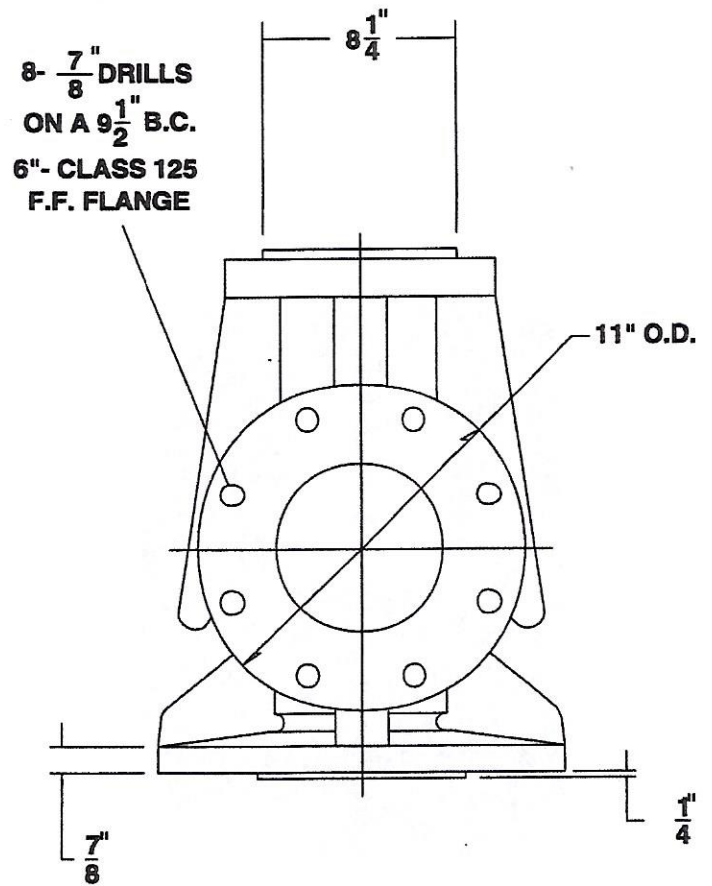
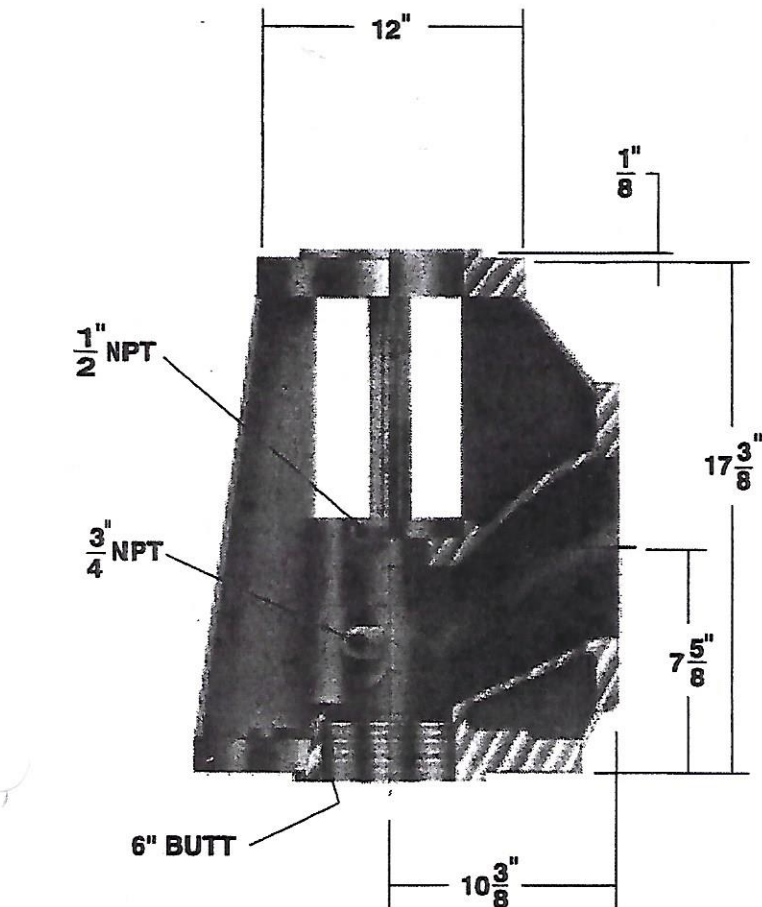
HH10 DISCHARGE HEAD 4" X 4" X 10"



* CLASS 250 DISCHARGE FLANGE IS AVAILABLE
MAINTAINING EXISTING CENTER LINE DIMENSIONS



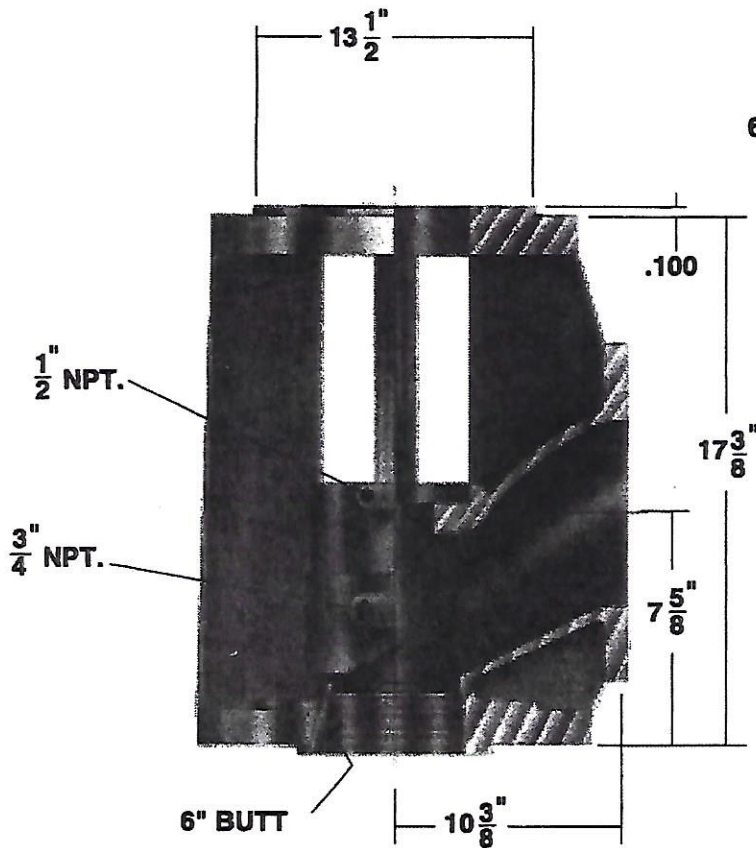
HH20 DISCHARGE HEAD 6" X 6" X 12"



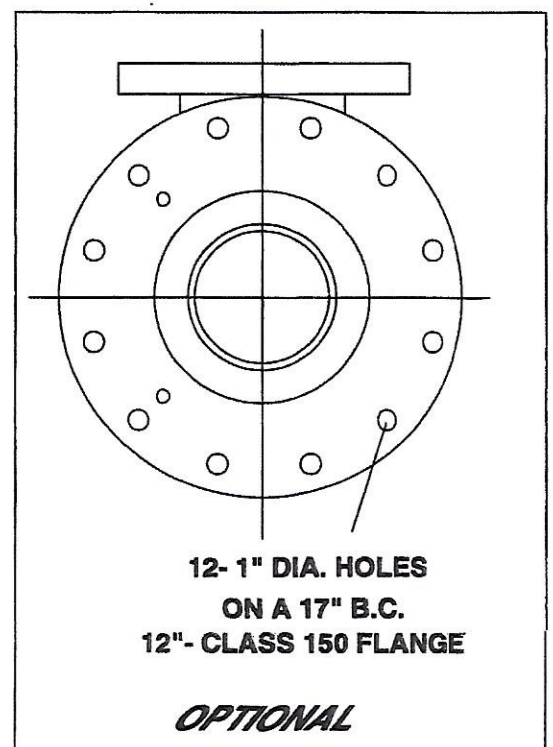
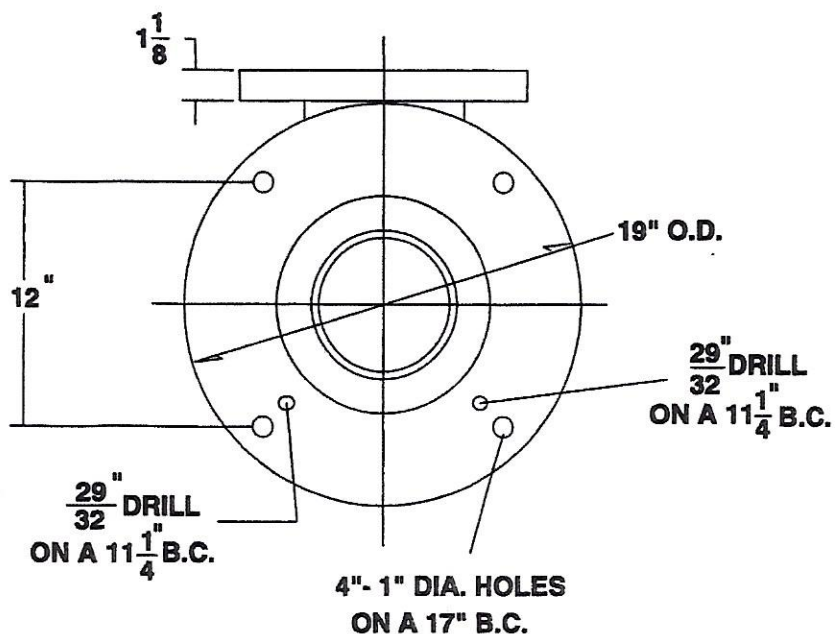
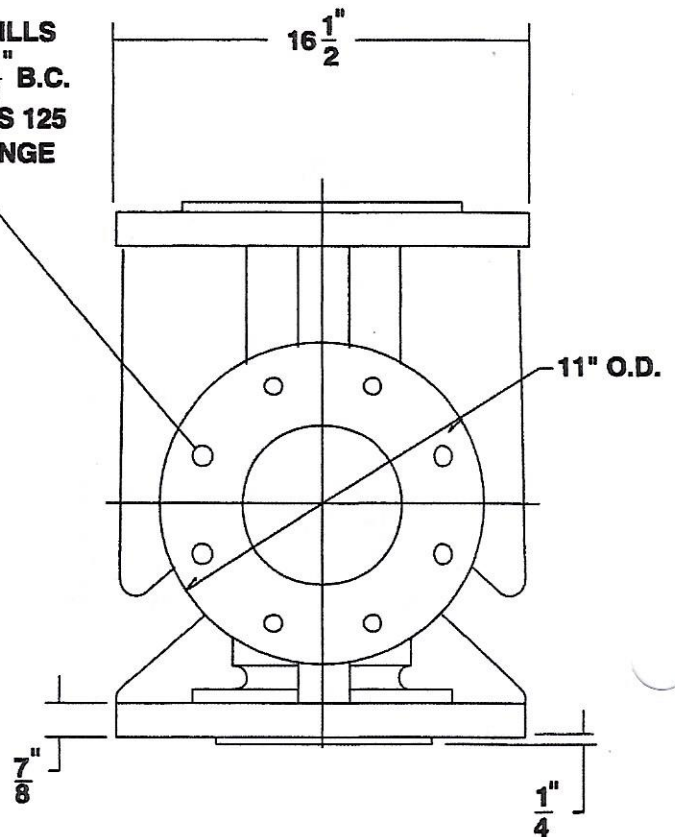
* 250 lb. DISCHARGE FLANGE IS AVAILABLE
MAINTAINING EXISTING CENTER LINE DIMENSIONS



HH25 DISCHARGE HEAD 6" X 6" X 16 1/2"



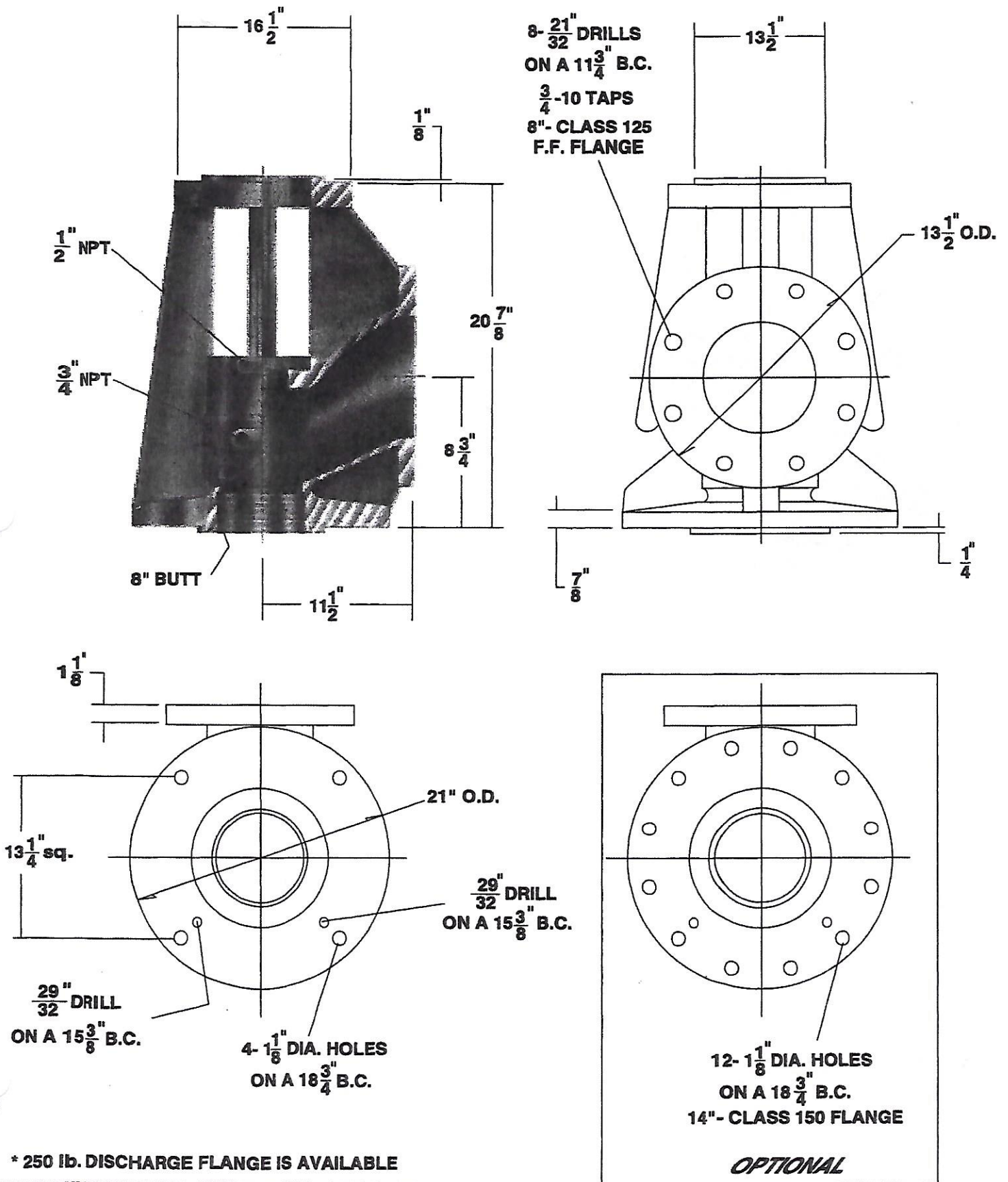
8- 7/8" DRILLS
ON A 9 1/2" B.C.
6"- CLASS 125
F.F. FLANGE



* 250 lb. DISCHARGE FLANGE IS AVAILABLE
MAINTAINING EXISTING CENTER LINE DIMENSIONS



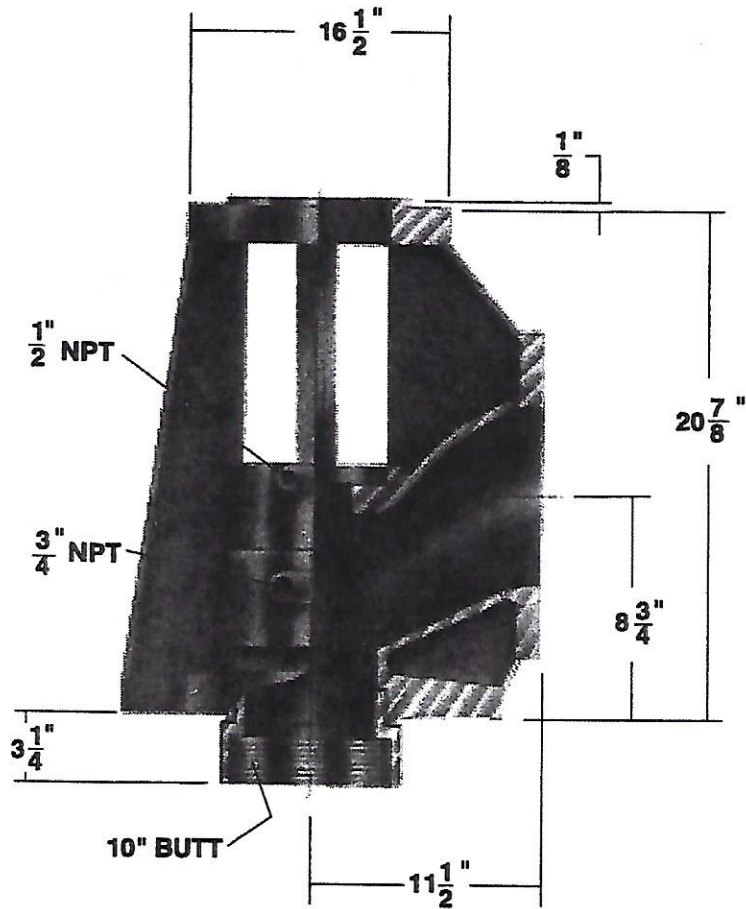
HH30 DISCHARGE HEAD 8" X 8" X 16 1/2"



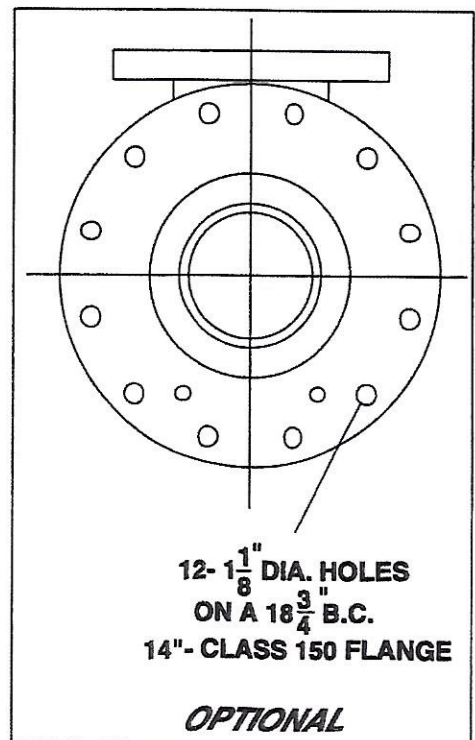
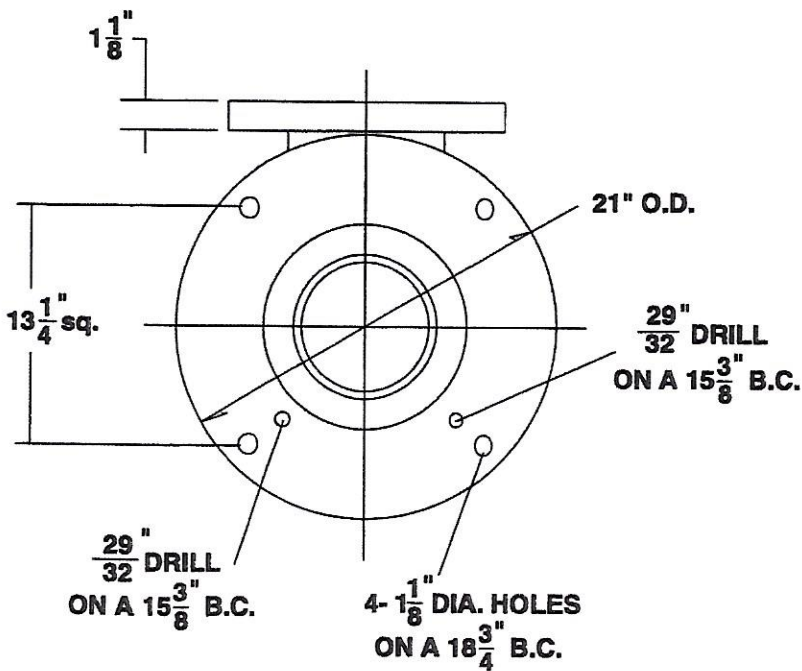
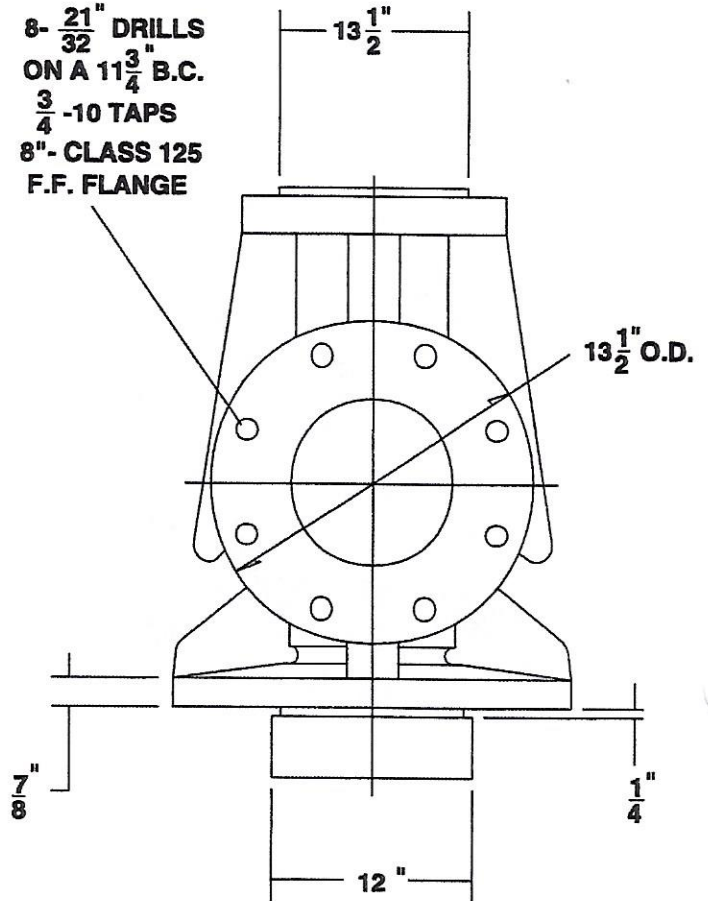
* 250 lb. DISCHARGE FLANGE IS AVAILABLE
MAINTAINING EXISTING CENTER LINE DIMENSIONS



HH35 DISCHARGE HEAD 8" X 10" X 16 1/2"



8- $\frac{21}{32}$ " DRILLS
ON A 11 $\frac{3}{4}$ " B.C.
 $\frac{3}{4}$ "-10 TAPS
8"- CLASS 125
F.F. FLANGE

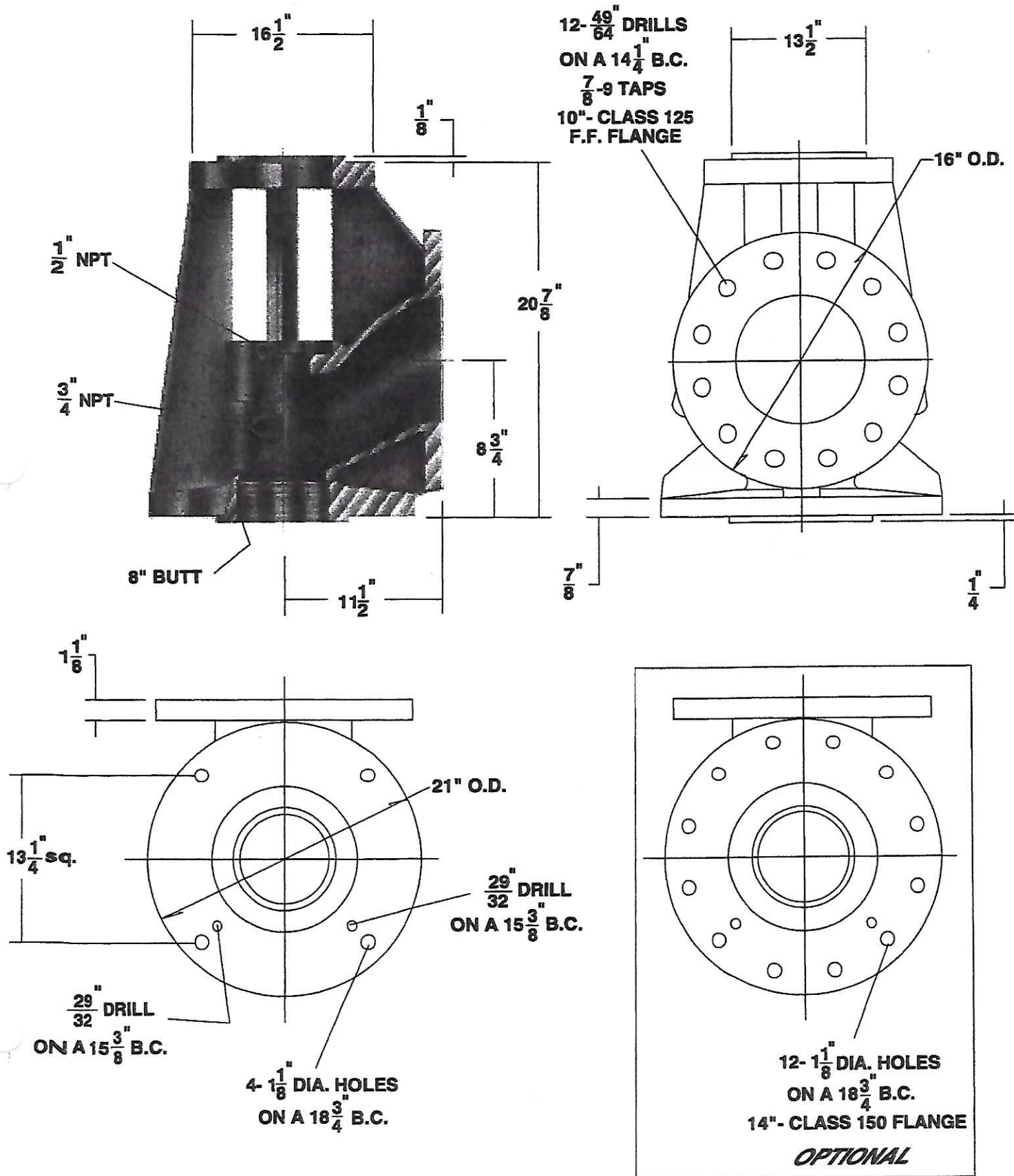


* 250 lb. DISCHARGE FLANGE IS AVAILABLE
MAINTAINING EXISTING CENTER LINE DIMENSIONS

OPTIONAL

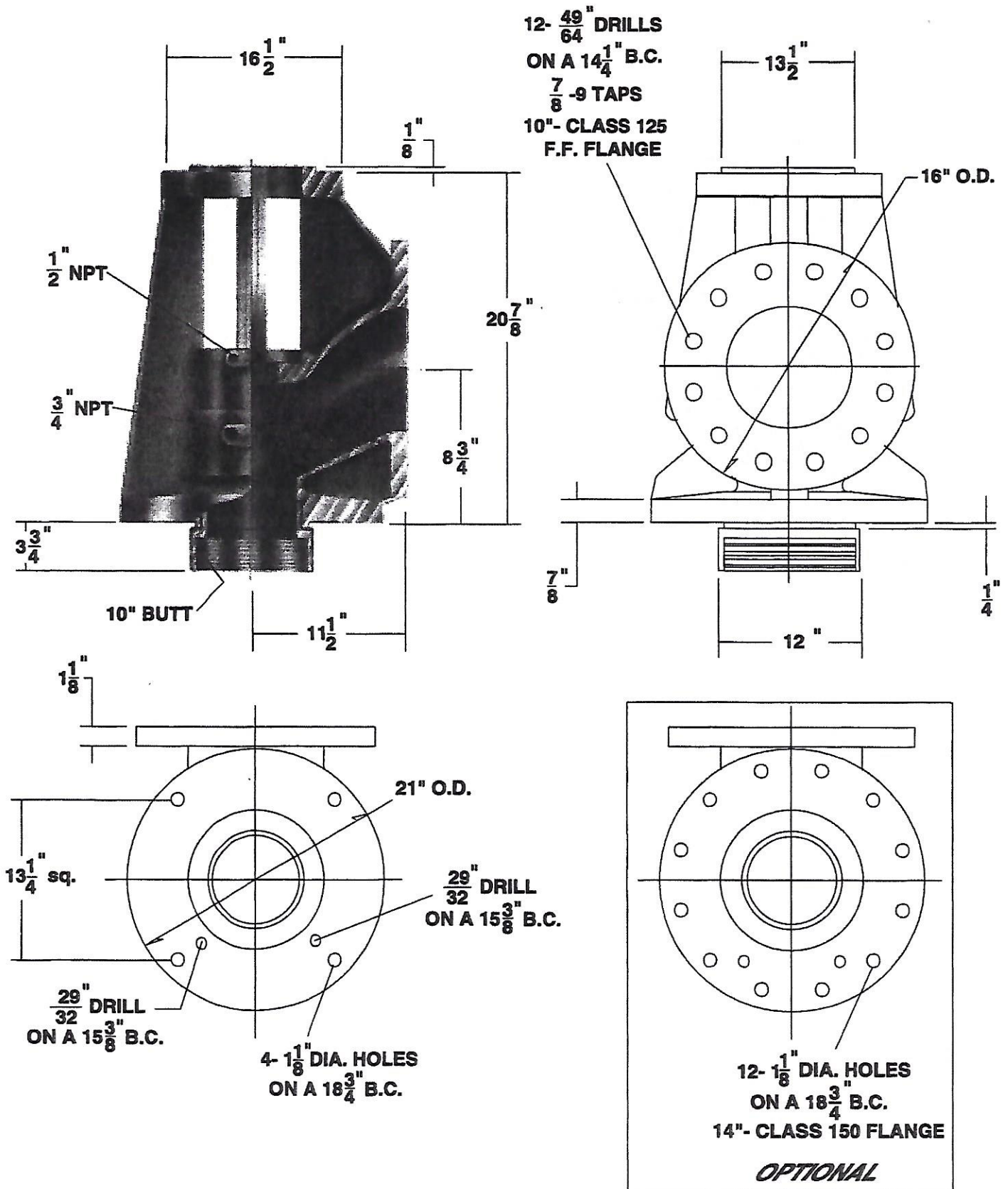


HH40 DISCHARGE HEAD 10" X 8" X 16 1/2"



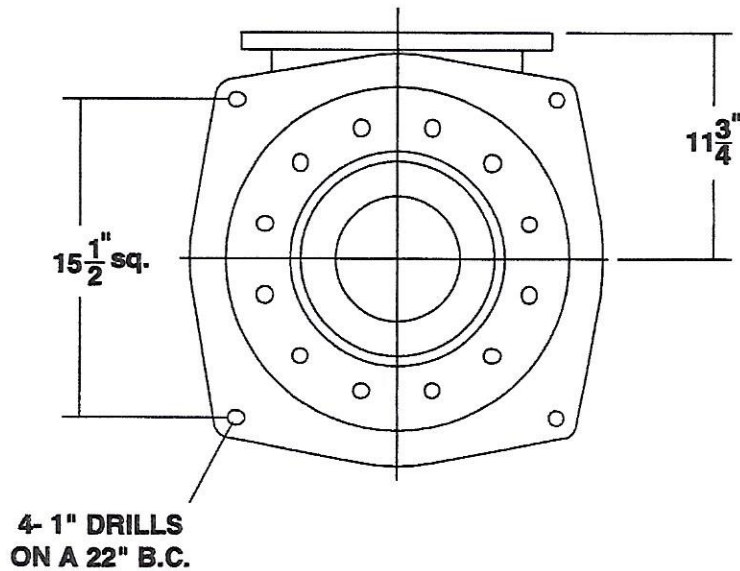
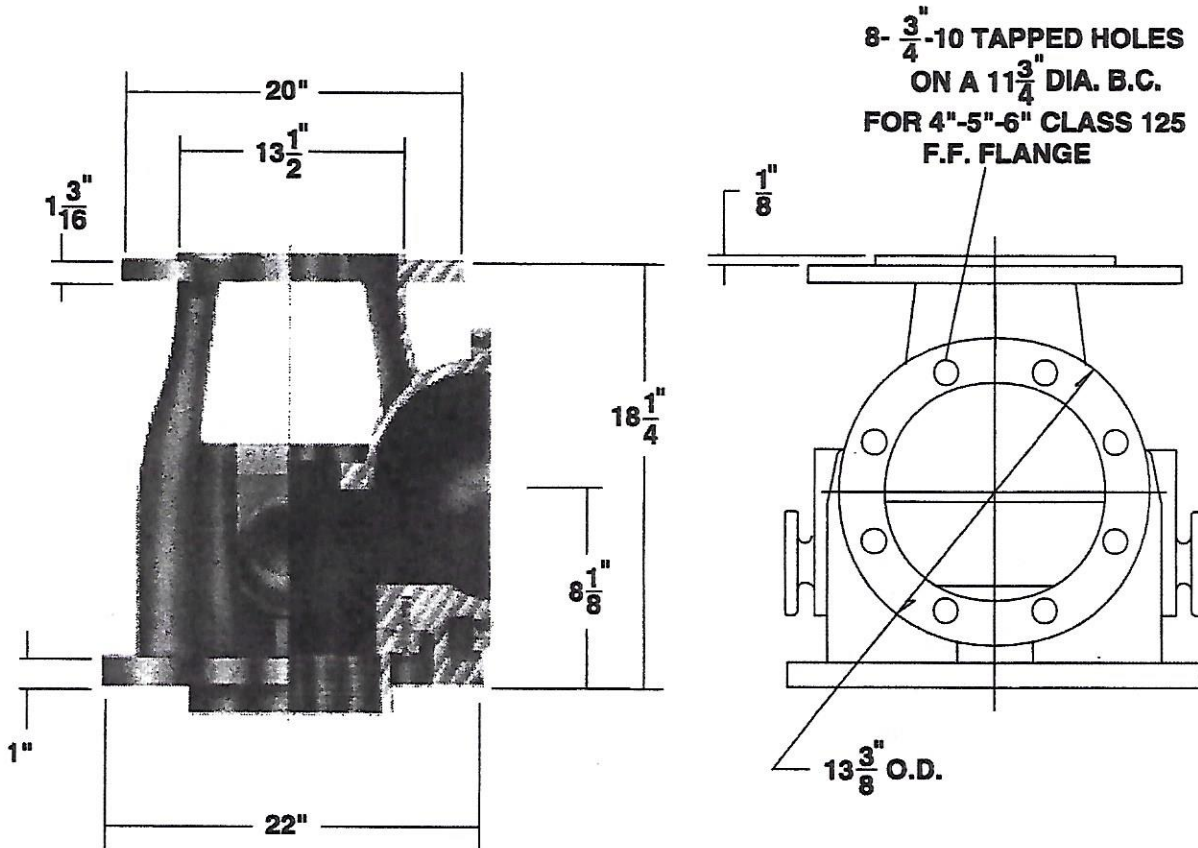


HH45 DISCHARGE HEAD 10" X 10" X 16 1/2"



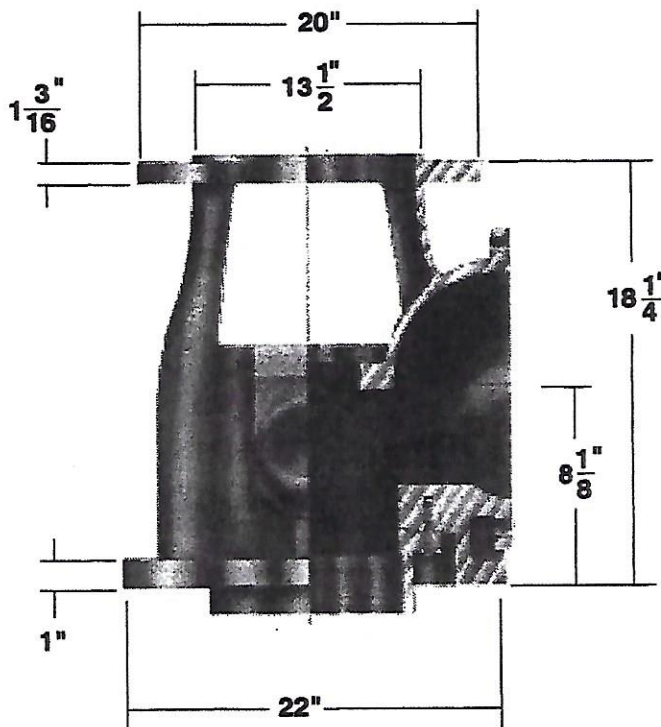


HH50 DISCHARGE HEAD 8" X 8" X 20"

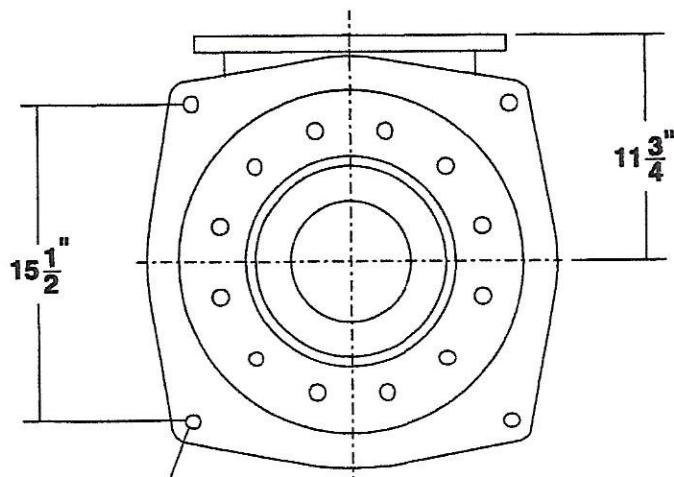
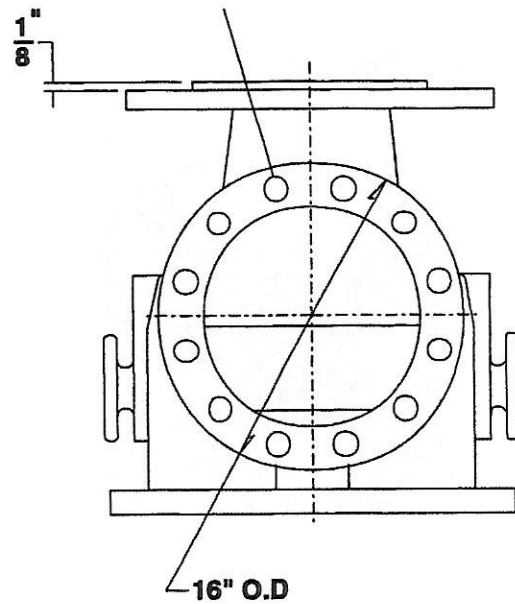




HH60 DISCHARGE HEAD 10" X 10" X 20"



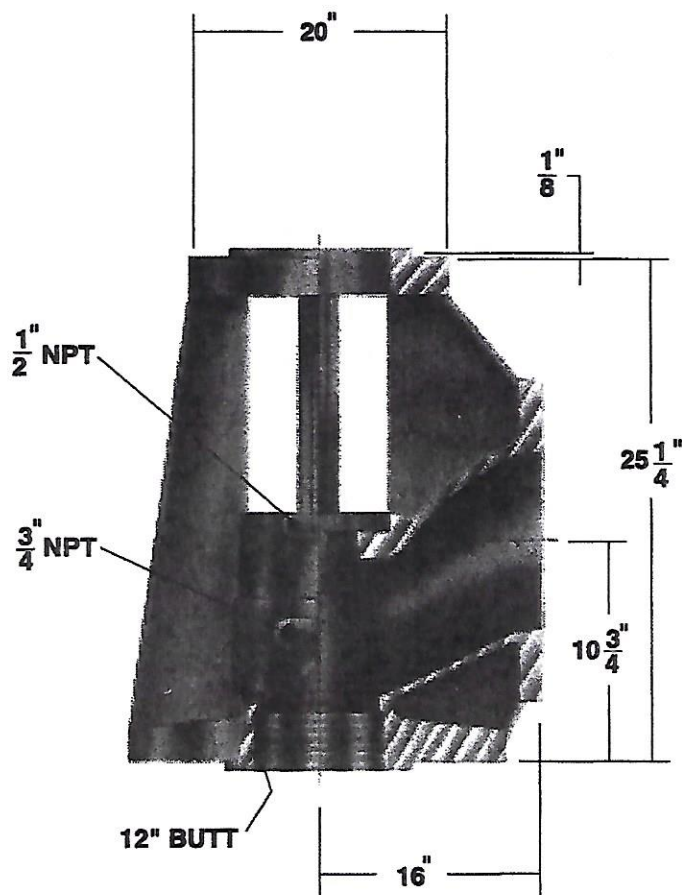
12- $\frac{7}{8}$ "-9 TAP HOLES
ON A $14\frac{1}{4}$ " DIA. B.C.
FOR 8"-10" CLASS 125
F.F. FLANGE



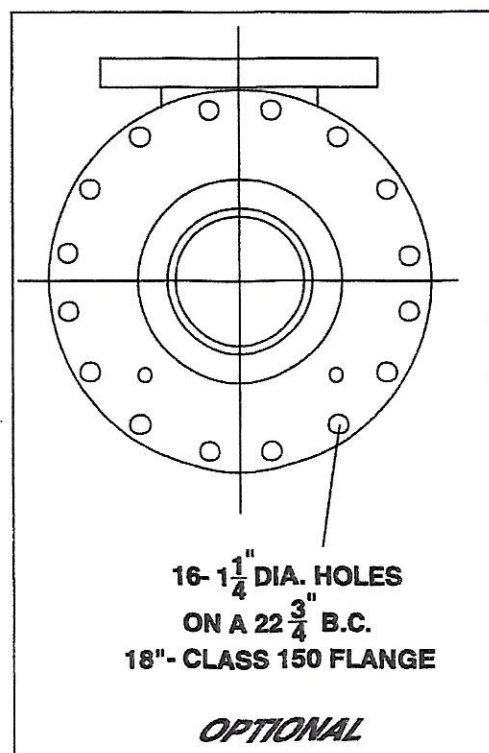
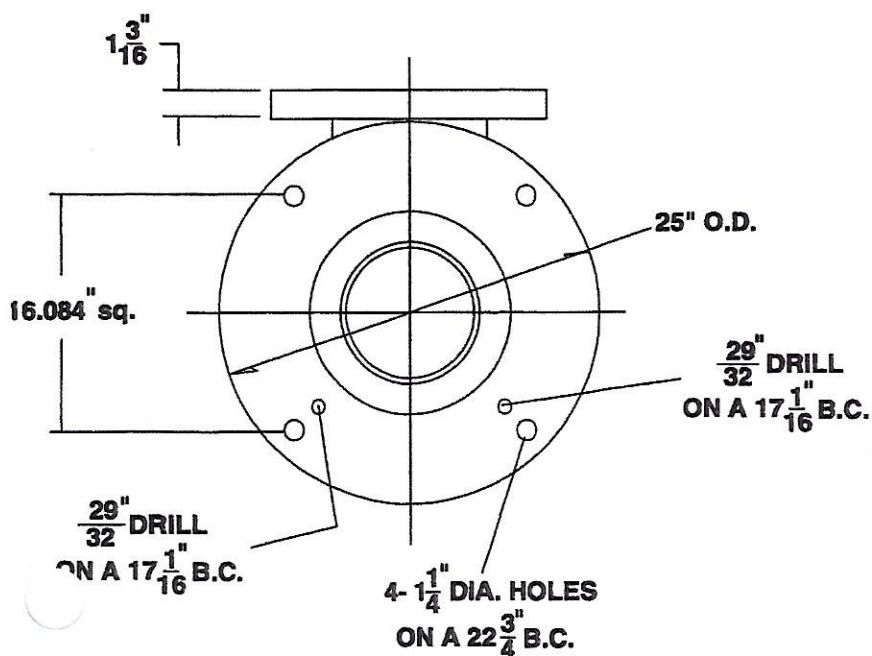
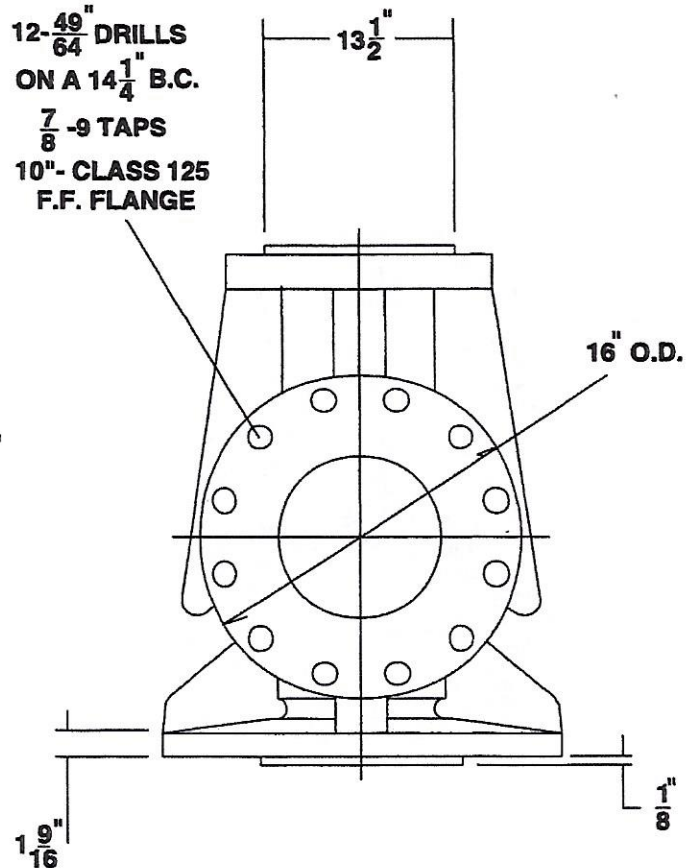
4- 1" DRILLS
ON A 22" B.C.



HH75 DISCHARGE HEAD 10" X 12" X 20"

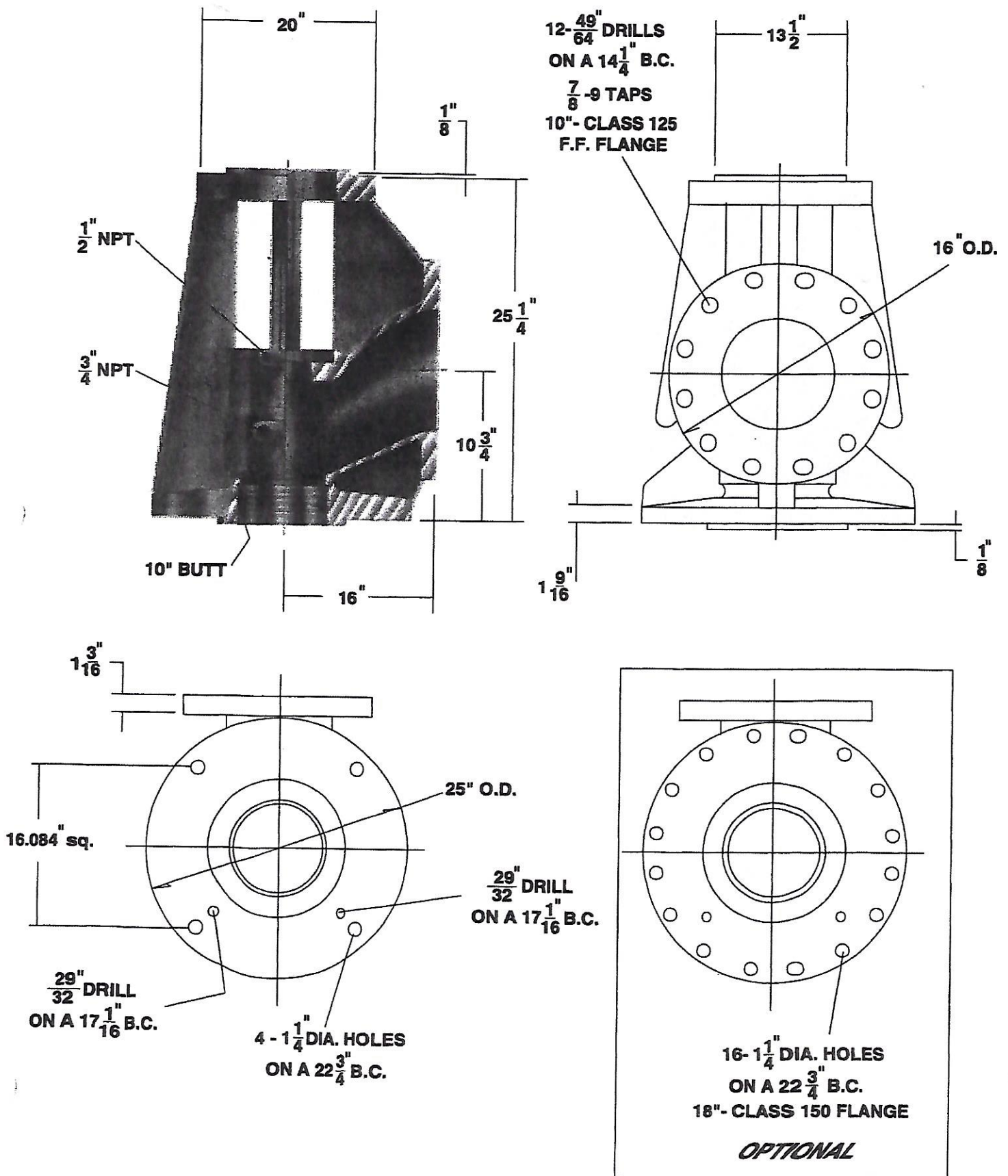


12- $\frac{49}{64}$ " DRILLS
ON A 14 1/4" B.C.
 $\frac{7}{8}$ " -9 TAPS
10"- CLASS 125
F.F. FLANGE



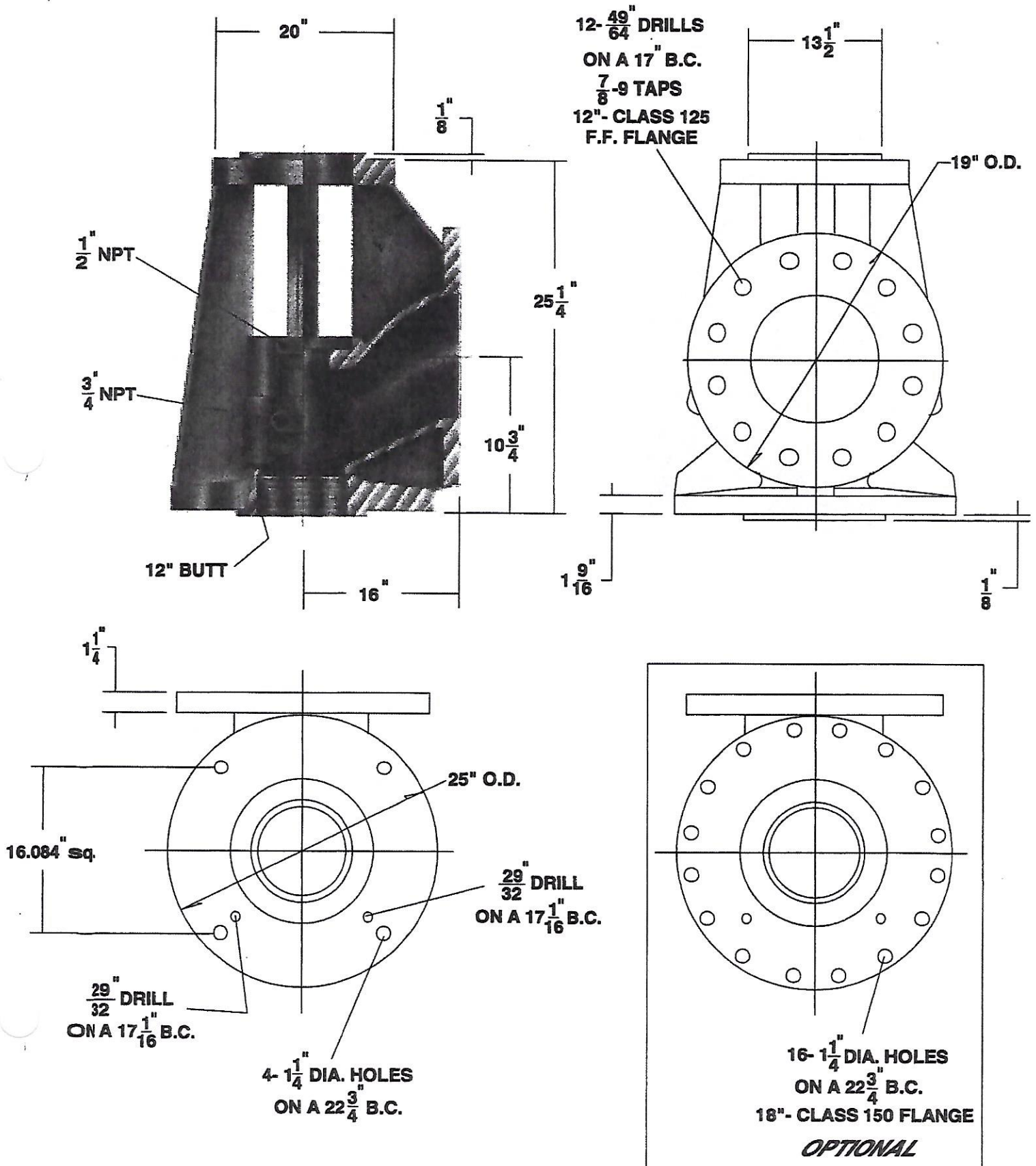


HH70 DISCHARGE HEAD 10" X 10" X 20"



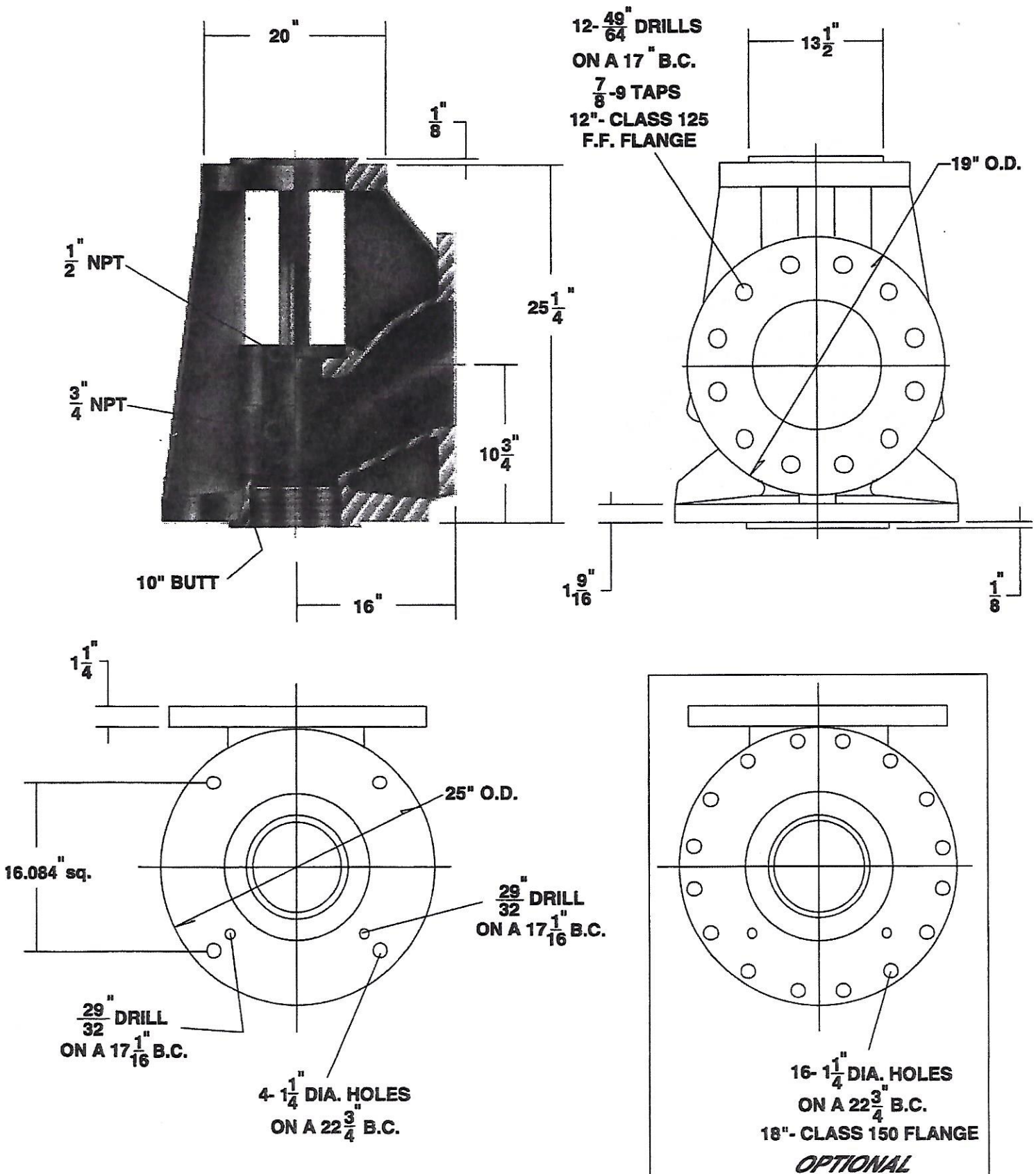


HH80 DISCHARGE HEAD 12" X 12" X 20"



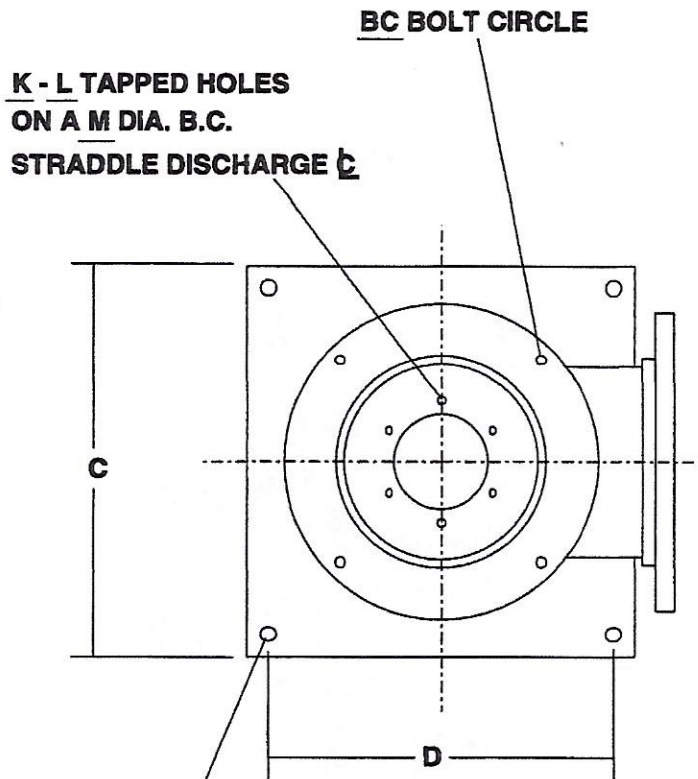
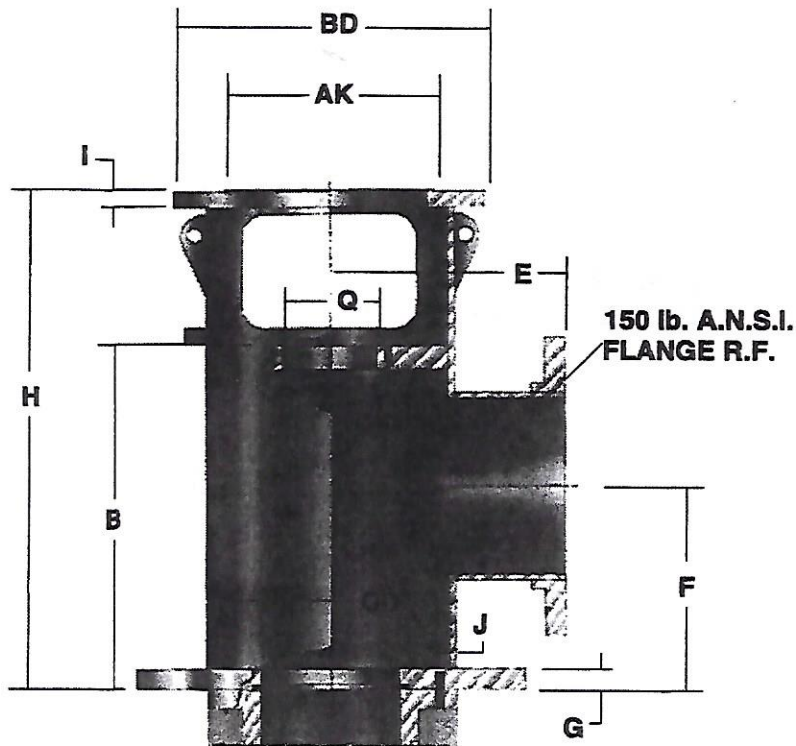


HH85 DISCHARGE HEAD 12" X 10" X 20"





TYPE "F" DISCHARGE HEAD



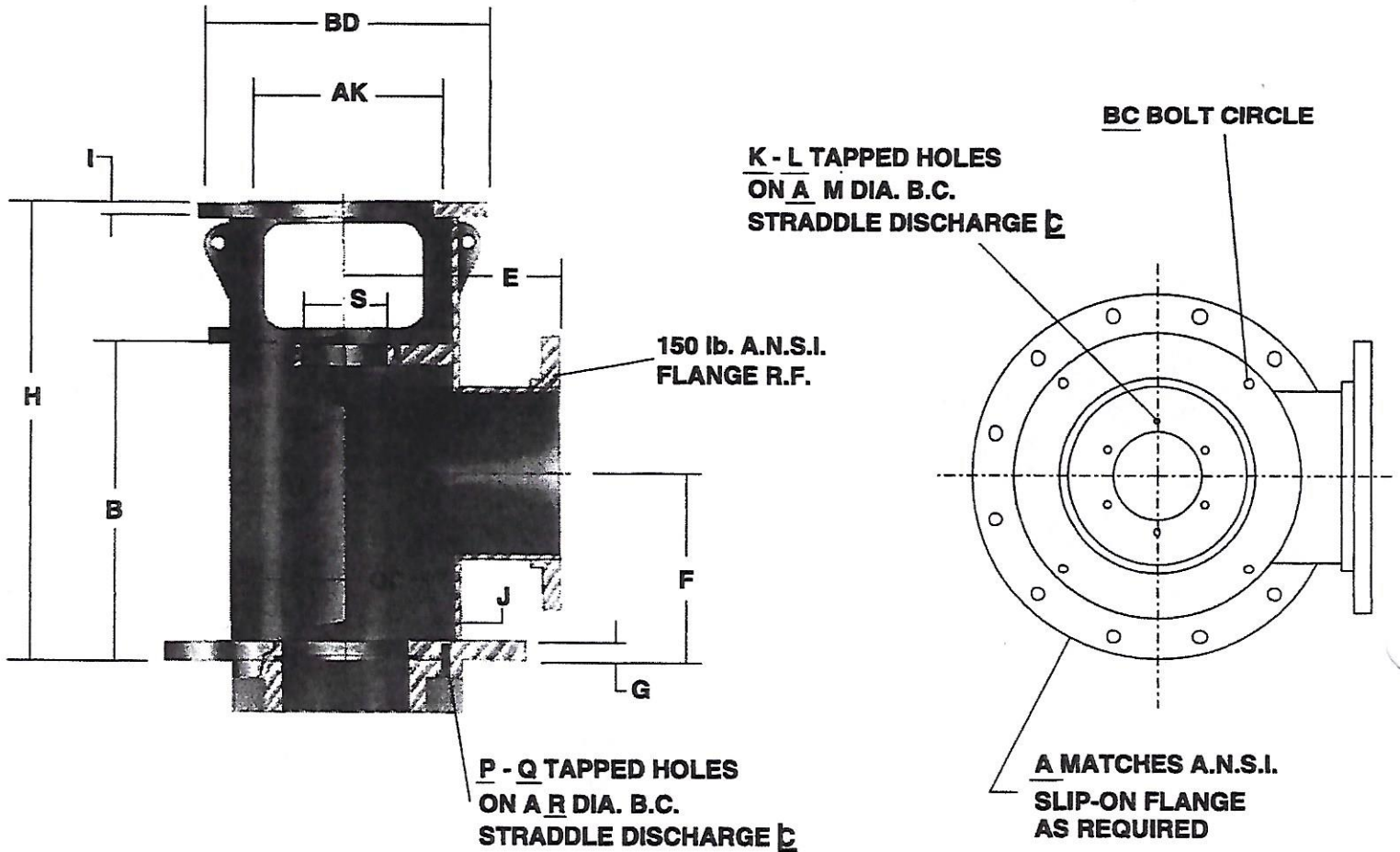
4- A DIA. HOLES FOR
FOUNDATION BOLT HOLES

DISCHARGE SIZE	F HEAD DIMENSIONS															MAX. LOAD WEIGHT POUNDS
	B.D.	A.K.	B.C.	OD	A	B	C	D	E	F	G	H	H1	I	J	
3"-4"	12"	8 1/4"	9 1/8"	10 3/4"	7/8"	12"	15"	13"	11"	7"	1 3/8"	23"	33"	7/8"	.365"	8,000
3"-4"	16 1/2"	13 1/2"	14 3/4"	12"	1"	12"	20"	17"	11"	7"	1 3/8"	23"	33"	1"	.375"	7,000
6"	12"	8 1/4"	9 1/8"	10 3/4"	7/8"	14"	18"	15"	11"	9"	1 3/8"	24"	34"	7/8"	.365"	11,400
6"	16 1/2"-20"	13 1/2"	14 3/4"	14"	1"	14"	25"	22"	14"	9"	1 3/8"	24"	34"	1"	.375"	7,000
8"	16 1/2"-20"	13 1/2"	14 3/4"	16"	1"	16"	25"	22"	14"	10"	1 3/8"	27"	37"	1"	.375"	8,900
8"	24 1/2"	13 1/2"	14 3/4"	18"	1 1/8"	16"	25"	22"	14"	10"	1 5/8"	27"	37"	1 1/8"	.375"	12,400
10"	16 1/2"-20"	13 1/2"	14 3/4"	16"	1"	18"	25"	22"	14"	11"	1 3/8"	28"	38"	1"	.375"	11,700
10"	24 1/2"	13 1/2"	14 3/4"	18"	1 1/8"	18"	32"	28"	16"	11"	1 5/8"	28"	38"	1 1/8"	.375"	11,250
10"	30 1/2"	22"	26"	20"	1 1/4"	18"	38"	34"	20"	11"	1 5/8"	30"	40"	1 3/8"	.375"	9,400
12"	16 1/2"-20"	13 1/2"	14 3/4"	16"	1"	22"	25"	22"	14"	13"	1 3/8"	32"	42"	1"	.375"	15,000
12"	24 1/2"	13 1/2"	14 3/4"	18"	1 1/8"	22"	32"	28"	16"	13"	1 5/8"	32"	42"	1 1/8"	.375"	13,250
12"	30 1/2"	22"	26"	20"	1 1/4"	22"	38"	34"	20"	13"	1 5/8"	34"	42"	1 3/8"	.375"	10,500
14"	20"	13 1/2"	14 3/4"	18"	1"	23"	25"	22"	14"	14"	1 3/8"	34"	42"	1"	.375"	18,600
14"	24 1/2"	13 1/2"	14 3/4"	18"	1 1/8"	23"	32"	28"	16"	14"	1 5/8"	34"	44"	1 1/8"	.375"	14,750
14"	30 1/2"	22"	26"	20"	1 1/4"	23"	38"	34"	20"	14"	1 5/8"	36"	46"	1 3/8"	.375"	14,750
16"	20"	13 1/2"	14 3/4"	18"	1"	25"	30"	27"	15"	15"	1 3/8"	36"	46"	1"	.375"	15,800
16"	24 1/2"	13 1/2"	14 3/4"	20"	1 1/8"	25"	32"	28"	16"	15"	1 5/8"	36"	46"	1 1/8"	.375"	18,800
16"	30 1/2"	22"	26"	24"	1 1/4"	25"	38"	34"	20"	15"	1 5/8"	38"	48"	1 3/8"	.375"	13,600

- NOTE:
1. K through S dimensions will be as required.
 2. Pressure rating 275 P.S.I.
 3. Substitute H1 dimension for H dimension when using a mechanical seal.
 4. Discharge heads with 14" or 16" body will have 5/8"-11 tapped holes on the motor B.C.all other heads will have drill through holes on the motor B.C.



TYPE "L" DISCHARGE HEAD



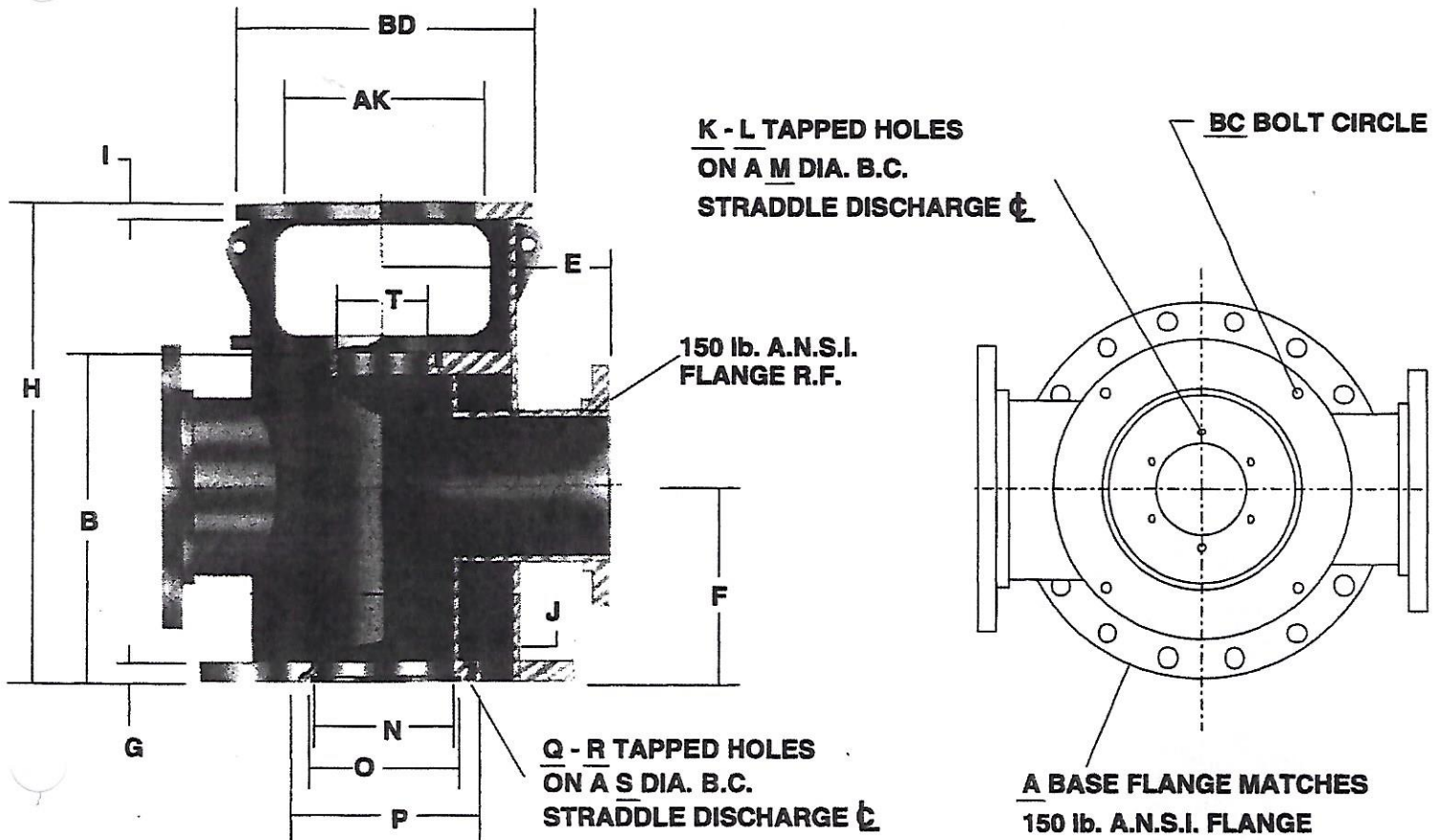
L HEAD DIMENSIONS

DISCHARGE SIZE	B.D.	A.K.	B.C.	OD	A	B	E	F	G	H	H1	I	WALL J
3"-4"	12"	8 1/4"	9 1/8"	10 3/4"	10"	12"	10"	7"	1 3/8"	23"	33"	7/8"	.365"
3"-4"	16 1/2"	13 1/2"	14 3/4"	12 3/4"	12"	12"	11"	7"	1 3/8"	23"	33"	1"	.375"
6"	12"	8 1/4"	9 1/8"	12 3/4"	12"	14"	11"	9"	1 3/8"	24"	34"	7/8"	.375"
6"	16 1/2"-20"	13 1/2"	14 3/4"	14"	14"	14"	12"	9"	1 3/8"	24"	34"	1"	.375"
8"	16 1/2"-20"	13 1/2"	14 3/4"	14"	14"	16"	12"	10"	1 3/8"	27"	37"	1"	.375"
10"	16 1/2"-20"	13 1/2"	14 3/4"	16"	16"	18"	14"	11"	1 3/8"	28"	38"	1"	.375"
10"	24 1/2"	13 1/2"	14 3/4"	16"	16"	18"	14"	11"	1 5/8"	28"	38"	1 1/8"	.375"
12"	16 1/2"-20"	13 1/2"	14 3/4"	18"	18"	22"	15"	13"	1 3/8"	32"	42"	1"	.375"
12"	24 1/2"	13 1/2"	14 3/4"	18"	18"	22"	15"	13"	1 5/8"	32"	42"	1 1/8"	.375"
14"	16 1/2"-20"	13 1/2"	14 3/4"	18"	18"	23"	15"	14"	1 3/8"	34"	42"	1"	.375"
14"	24 1/2"	13 1/2"	14 3/4"	18"	18"	23"	15"	14"	1 5/8"	34"	42"	1 1/8"	.375"
16"	16 1/2"-20"	13 1/2"	14 3/4"	18"	18"	25"	15"	15"	1 3/8"	36"	42"	1"	.375"
16"	24 1/2"	13 1/2"	14 3/4"	20"	20"	25"	16"	15"	1 5/8"	36"	42"	1 1/8"	.375"
16"	30 1/2"	22"	26"	24"	24"	25"	18"	15"	1 5/8"	38"	48"	1 3/8"	.375"

- NOTE:
1. K through S dimensions will be as required.
 2. Pressure rating 275 P.S.I.
 3. Substitute H1 dimension for H dimension when using a mechanical seal.
 4. Discharge heads with 14" or 16" body will have 5/8"-11 tapped holes on the motor B.C. all other heads will have drill through holes on the motor B.C.



TYPE "T" DISCHARGE HEAD



T HEAD DIMENSIONS

SUCTION SIZE	DISCHARGE SIZE	B.D.	A.K.	B.C.	OD	A	B	E	F	G	H	H1	I	WALL J
4"	4"	12"	8 1/4"	9 1/8"	10 3/4"	10"	12"	10"	7"	1 1/8"	24"	31"	7/8"	.365"
6"	4"	12"	8 1/4"	9 1/8"	10 3/4"	10"	14"	10"	9"	1 1/8"	24"	31"	7/8"	.365"
6"	6"	12"	8 1/4"	9 1/8"	12 3/4"	12"	14"	11"	9"	1 1/8"	24"	31"	7/8"	.375"
6"	6"	16 1/2"-20"	13 1/2"	14 3/4"	16"	16"	14"	13"	9"	1 3/8"	24"	31"	1"	.375"
8"	6"	12"	8 1/4"	9 3/4"	12 3/4"	12"	16"	11"	10"	1 1/8"	27"	34"	7/8"	.375"
8"	6"	16 1/2"-20"	13 1/2"	14 3/4"	16"	16"	16"	13"	10"	1 3/8"	27"	34"	1"	.375"
8"	8"	16 1/2"-20"	13 1/2"	14 3/4"	16"	16"	16"	13"	10"	1 3/8"	27"	34"	1"	.375"
10"	8"	16 1/2"-20"	13 1/2"	14 3/4"	18"	18"	18"	14"	11"	1 3/8"	28"	36"	1"	.375"
10"	10"	16 1/2"-20"	13 1/2"	14 3/4"	18"	18"	18"	14"	11"	1 3/8"	28"	36"	1"	.375"
10"	10"	24 1/2"	13 1/2"	14 3/4"	18"	18"	18"	14"	11"	1 3/8"	28"	36"	1 1/8"	.375"
12"	10"	16 1/2"-20"	13 1/2"	14 3/4"	18"	18"	22"	14"	13"	1 3/8"	32"	40"	1"	.375"
12"	10"	24 1/2"	13 1/2"	14 3/4"	18"	18"	22"	14"	13"	1 3/8"	32"	40"	1 1/8"	.375"
12"	12"	16 1/2"-20"	13 1/2"	14 3/4"	20"	20"	22"	15"	13"	1 5/8"	32"	40"	1"	.375"
12"	12"	24 1/2"	13 1/2"	14 3/4"	20"	20"	22"	15"	13"	1 5/8"	32"	40"	1 1/8"	.375"
14"	12"	16 1/2"-20"	13 1/2"	14 3/4"	20"	20"	23"	16"	14"	1 5/8"	34"	43"	1"	.375"
14"	12"	24 1/2"	13 1/2"	14 3/4"	20"	20"	23"	16"	14"	1 5/8"	34"	43"	1 1/8"	.375"
14"	14"	24 1/2"	13 1/2"	14 3/4"	24"	24"	23"	16"	14"	1 7/8"	34"	43"	1 1/8"	.375"

- NOTE:**
1. K through T dimensions will be as required.
 2. Pressure rating 275 P.S.I.
 3. Substitute H1 dimension for H dimension when using a mechanical seal.
 4. Discharge heads with 14" or 16" body will have 5/8"-11 tapped holes on the motor B.C. all other heads will have drill through holes on the motor B.C.