

DISCHARGE HEADS TECHNICAL DATA

L HEADS

Data		12x4	16-1/2x4	12x6	16-1/2x6	12x8	16-1/2x8
Discharge Flange Size (Inches)		4	4	6	6	8	8
Available Threaded Column Size (Inches)		4	4	6	6	8	8
Available Flanged Column Size (Inches)		4	4	6	6	8	8
Available Base Flange Size (Inches)		12,14	12,14,16	12,14,16	12,14,16	16	16,18,20
NEMA Driver "AK" Size (Inches)		8-1/4	13-1/2	8-1/4	13-1/2	8-1/4	13-1/2
Maximum Discharge Pressure (PSI) (Non-Shock Rating At Room Temperature)	150 lb. Flange	175	175	175	175	175	175
	300 lb. Flange	400*	400*	400*	400*	400*	400*
Weight (Including Packing Box) (Lbs.)		497	537	535	575	502	605

Data		20x8	16-1/2x10	20x10	24-1/2x10	16-1/2x12
Discharge Flange Size (Inches)		8	10	10	10	12
Available Threaded Column Size (Inches)		8	10	10	10	12
Available Flanged Column Size (Inches)		8	10	10	10	12
Available Base Flange Size (Inches)		16,18,20	18,20,24	18,20,24	24	20,24,30
NEMA Driver "AK" Size (Inches)		13-1/2	13-1/2	13-1/2	13-1/2	13-1/2
Maximum Discharge Pressure (PSI) (Non-Shock Rating At Room Temperature)	150 lb. Flange	175	175	175	175	175
	300 lb. Flange	400*	400*	400*	400*	400*
Weight (Including Packing Box) (Lbs.)		615	696	728	802	871

Data		20x12	24-1/2x12	16-1/2x14	20x14	24-1/2x14
Discharge Flange Size (Inches)		12	12	14	14	14
Available Threaded Column Size (Inches)		12	12	14	14	14
Available Flanged Column Size (Inches)		12	12	14	14	14
Available Base Flange Size (Inches)		20,24,30	24,30	24,30,36	30,36	24,30,36
NEMA Driver "AK" Size (Inches)		13-1/2	13-1/2	13-1/2	13-1/2	13-1/2
Maximum Discharge Pressure (PSI) (Non-Shock Rating At Room Temperature)	150 lb. Flange	175	175	175	175	175
	300 lb. Flange	400*	400*	400*	400*	400*
Weight (Including Packing Box) (Lbs.)		930	995	1718	1750	1815

Data		16-1/2x16	20x16	24-1/2x16	30-1/2x16
Discharge Flange Size (Inches)		16	16	16	16
Available Threaded Column Size (Inches)		NA	NA	NA	NA
Available Flanged Column Size (Inches)		16	16	16	16
Available Base Flange Size (Inches)		30,36	30,36	30,36	36
NEMA Driver "AK" Size (Inches)		13-1/2	13-1/2	13-1/2	22
Maximum Discharge Pressure (PSI) (Non-Shock Rating At Room Temperature)	150 lb. Flange	175	175	175	175
	300 lb. Flange	400*	400*	400*	400*
Weight (Including Packing Box) (Lbs.)		1802	1840	1955	1970

Reference: Assembly Drawing 700MA012

***ON WATER LUBRICATED APPLICATIONS A 400 PSI PACKING BOX IS INCLUDED.**

DISCHARGE HEADS TECHNICAL DATA

T HEADS

Data		12x4	16-1/2x4	12x6	16-1/2x6	12x8	16-1/2x8
Discharge Flange Size (Inches)		4	4	6	6	8	8
Available Suction Flange Size (Inches)		6	6	8	8,10	10	10,12
Available Flanged Column Size (Inches)		4	4	6	6	8	8
Available Base Flange Size (inches)		12,14	12,14	12,14,16	12,14,16	16	16,18,20
NEMA Driver "AK" Size (Inches)		8-1/4	13-1/2	8-1/4	13-1/2	8-1/4	13-1/2
Maximum Discharge Pressure (PSI) (Non-Shock Rating At Room Temperature)	150 lb. Flange	175	175	175	175	175	175
	300 lb. Flange	400*	400*	400*	400*	400*	400*
Weight (Including Packing Box) (Lbs.)		560	600	599	639	577	840

Data		20x8	16-1/2x10	20x10	24-1/2x10	16-1/2x12
Discharge Flange Size (Inches)		8	10	10	10	12
Suction Flange Size (Inches)		10,12	12,14	12,14	12,14	14,16,20
Available Flanged Column Size (Inches)		8	10	10	10	12
Available Base Flange Size (inches)		16,18,20	18,20,24	18,20,24	24	20,24,30
NEMA Driver "AK" Size (Inches)		13-1/2	13-1/2	13-1/2	13-1/2	13-1/2
Maximum Discharge Pressure (PSI) (Non-Shock Rating At Room Temperature)	150 lb. Flange	175	175	175	175	175
	300 lb. Flange	400*	400*	400*	400*	400*
Weight (Including Packing Box) (Lbs.)		855	967	972	1082	1115

Data		20x12	24-1/2x12	16-1/2x14	20x14	24-1/2x14
Discharge Flange Size (Inches)		12	12	14	14	14
Suction Flange Size (Inches)		14,16,20	14,16,20	16,20,24	16,20,24	16,20,24
Available Flanged Column Size (Inches)		12	12	14	14	10
Available Base Flange Size (inches)		20,24,30	24,30	24,30,36	24,30,36	30,36
NEMA Driver "AK" Size (Inches)		13-1/2	13-1/2	13-1/2	13-1/2	13-1/2
Maximum Discharge Pressure (PSI) (Non-Shock Rating At Room Temperature)	150 lb. Flange	175	175	175	175	175
	300 lb. Flange	400*	400*	400*	400*	400*
Weight (Including Packing Box) (Lbs.)		1130	1240	2723	2730	2840

Data		16-1/2x16	20x16	24-1/2x16	30-1/2x16
Discharge Flange Size (Inches)		16	16	16	16
Suction Flange Size (Inches)		20,24,30	20,24,30	20,24,30	24,30
Available Flanged Column Size (Inches)		16	16	16	16
Available Base Flange Size (inches)		30,36	30,36	30,36	30,36
NEMA Driver "AK" Size (Inches)		13-1/2	13-1/2	13-1/2	22
Maximum Discharge Pressure (PSI) (Non-Shock Rating At Room Temperature)	150 lb. Flange	175	175	175	175
	300 lb. Flange	400*	400*	400*	400*
Weight (Including Packing Box) (Lbs.)		2755	2762	2872	3050

Reference: Assembly Drawing 700MA014

***ON WATER LUBRICATED APPLICATIONS A 400 PSI PACKING BOX IS INCLUDED.**

DISCHARGE HEADS TECHNICAL DATA

UG AND UF HEADS

Data		12x4	12x6	16-1/2x6	12x8	16-1/2x8
Discharge Flange Size (Inches)		4	6	6	8	8
Available Threaded Column Size (Inches)		4	6	6	8	8
Available Flanged Column Size (Inches)		4	6	6	8	8
NEMA Driver "AK" Size (Inches)		8-1/4	8-1/4	13-1/2	8-1/4	13-1/2
Maximum Discharge Pressure (PSI) (Non-Shock Rating At Room Temperature)	150 lb. Flange	175	175	175	175	175
	300 lb. Flange	400*	400*	400*	400*	400*
Weight (Including Packing Box) (Lbs.)		406	464	574	576	686

Data		12x10	16-1/2x10	20x10	12x12	16-1/2x12
Discharge Flange Size (Inches)		10	10	10	12	12
Available Threaded Column Size (Inches)		10	10	10	12	12
Available Flanged Column Size (Inches)		10	10	10	12	12
NEMA Driver "AK" Size (Inches)		8-1/4	13-1/2	13-1/2	8-1/4	13-1/2
Maximum Discharge Pressure (PSI) (Non-Shock Rating At Room Temperature)	150 lb. Flange	175	175	175	175	175
	300 lb. Flange	400*	400*	400*	400*	400*
Weight (Including Packing Box) (Lbs.)		780	890	964	845	955

Data		20x12	12x14	16-1/2x14	20x14	24-1/2x14
Discharge Flange Size (Inches)		12	14	14	14	14
Available Threaded Column Size (Inches)		12	14	14	14	14
Available Flanged Column Size (Inches)		12	14	14	14	14
NEMA Driver "AK" Size (Inches)		13-1/2	8-1/4	13-1/2	13-1/2	13-1/2
Maximum Discharge Pressure (PSI) (Non-Shock Rating At Room Temperature)	150 lb. Flange	175	175	175	175	175
	300 lb. Flange	400*	400*	400*	400*	400*
Weight (Including Packing Box) (Lbs.)		1030	1015	1090	1200	1405

Data		12x16	16-1/2x16	20x16	24-1/2x16
Discharge Flange Size (Inches)		16	16	16	16
Available Threaded Column Size (Inches)		16	16	16	16
Available Flanged Column Size (Inches)		16	16	16	16
NEMA Driver "AK" Size (Inches)		8-1/4	13-1/2	13-1/2	13-1/2
Maximum Discharge Pressure (PSI) (Non-Shock Rating At Room Temperature)	150 lb. Flange	175	175	175	175
	300 lb. Flange	400*	400*	400*	400*
Weight (Including Packing Box) (Lbs.)		1181	1291	1366	1571

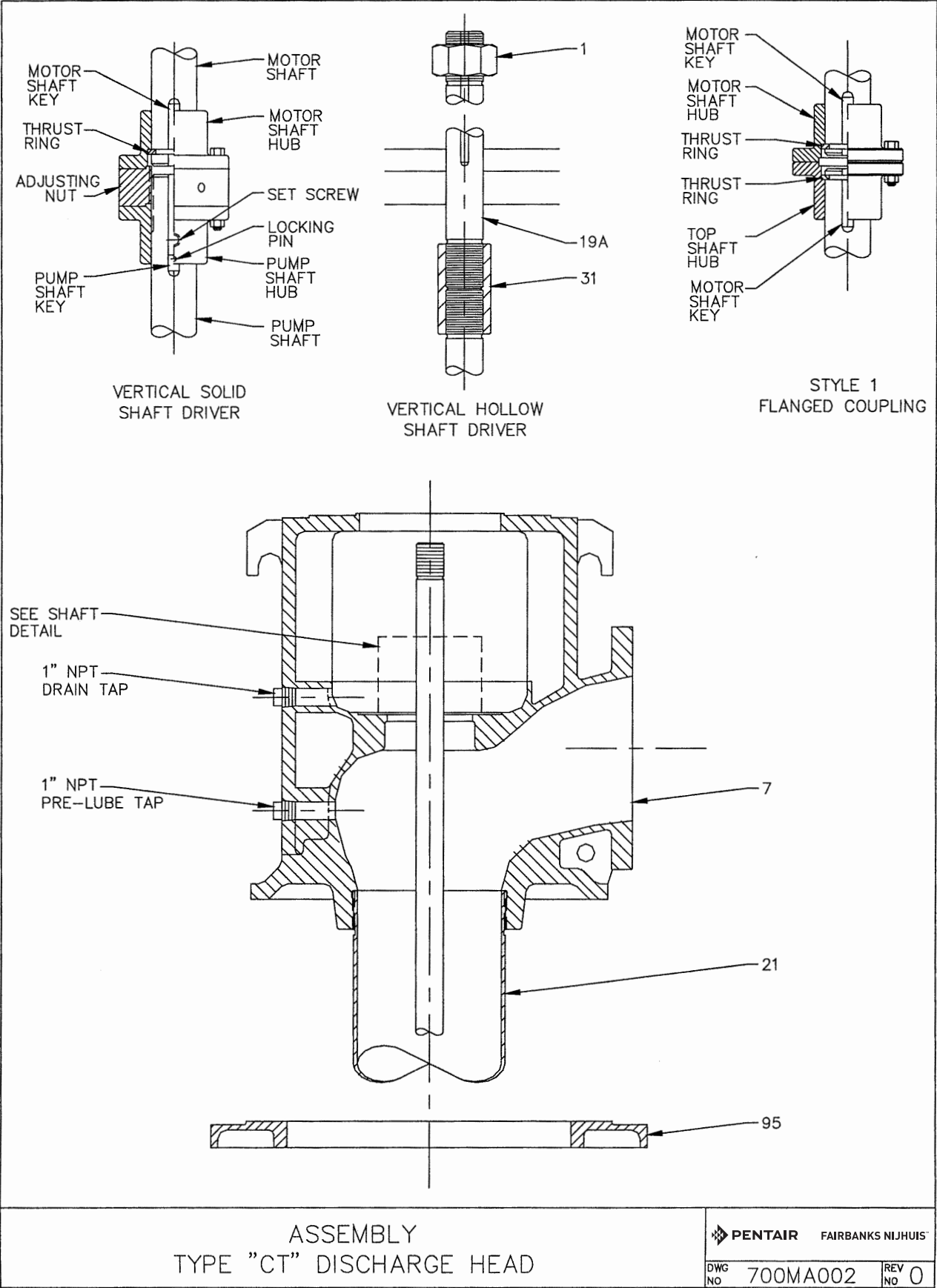
Reference: Assembly Drawings 700MA008, 700MA009, 700MA010, and 700MA011

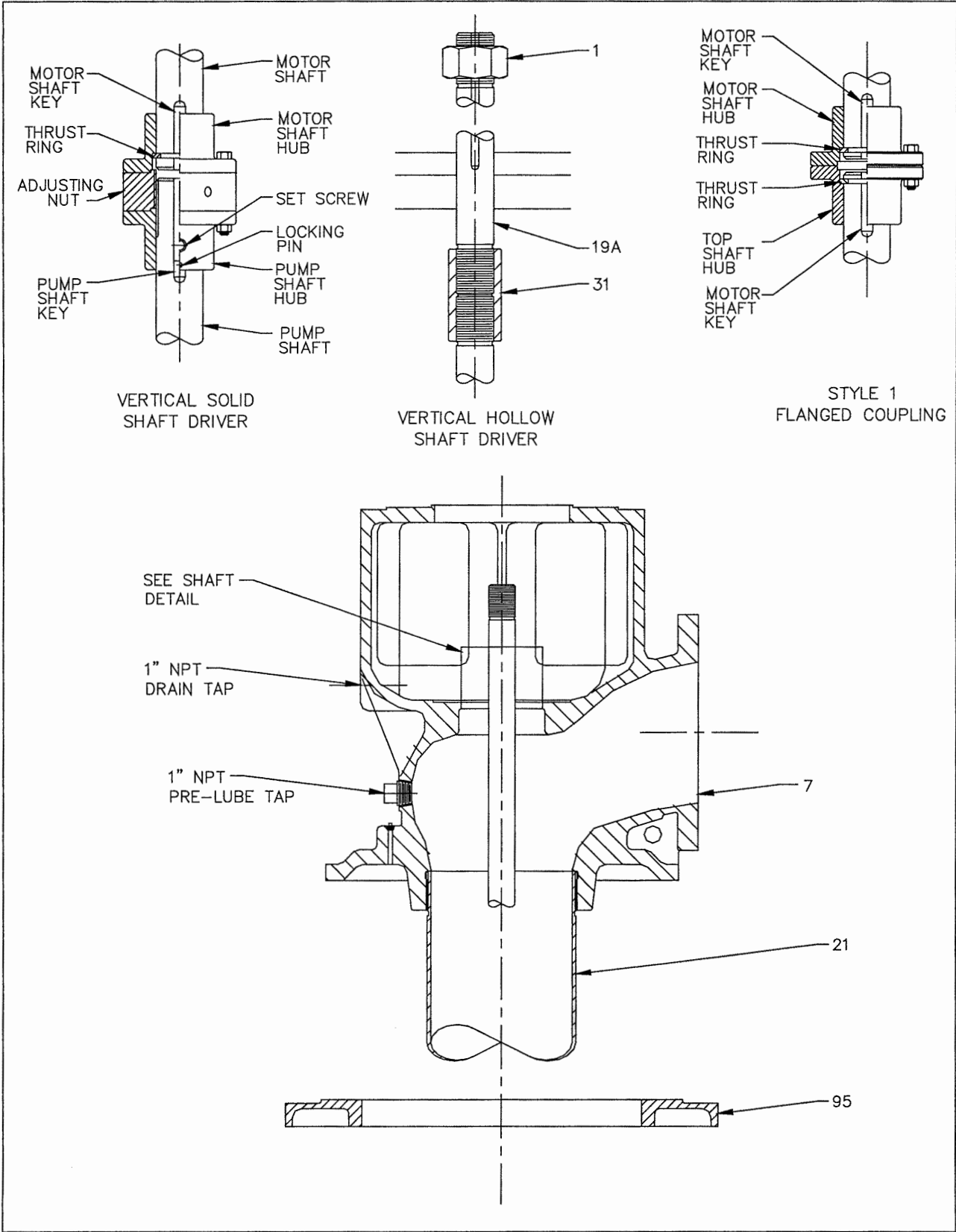
***ON WATER LUBRICATED APPLICATIONS A 400 PSI PACKING BOX IS INCLUDED.**

PACKING BOX TECHNICAL DATA

Data		1"	1-1/4"	1-1/2"	1-11/16"	1-15/16"	2-3/16"
Inside Diameter of Box (Inches)		1-15/16"	2-3/16"	2-7/16"	2-5/8"	2-7/8"	3-1/8"
Depth of Box (Inches)	Standard 175 PSI	1-5/8"	1-5/8"	1-5/8"	1-5/8"	1-5/8"	1-5/8"
	Optional 400 PSI	2-3/8"	2-3/8"	2-3/8"	2-3/8"	2-3/8"	2-3/8"
Outside Diameter of Sleeve (Inches)		1-3/16"	1-7/16"	1-11/16"	1-7/8"	2-1/8"	2-3/8"
Packing Size (Inches)		3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Rings Per Box		4	4	4	4	4	4
Bearing Length (Inches)		2	2-1/2	2-3/4	3	3-1/2	3-3/4
Gland Bolt Size (Inches)		1/2x2-3/4	1/2x2-3/4	1/2x2-3/4	1/2x2-3/4	1/2x2-3/4	1/2x2-3/4
Maximum Working Pressure (PSI)	Standard	175	175	175	175	175	175
	Optional	400	400	400	400	400	400

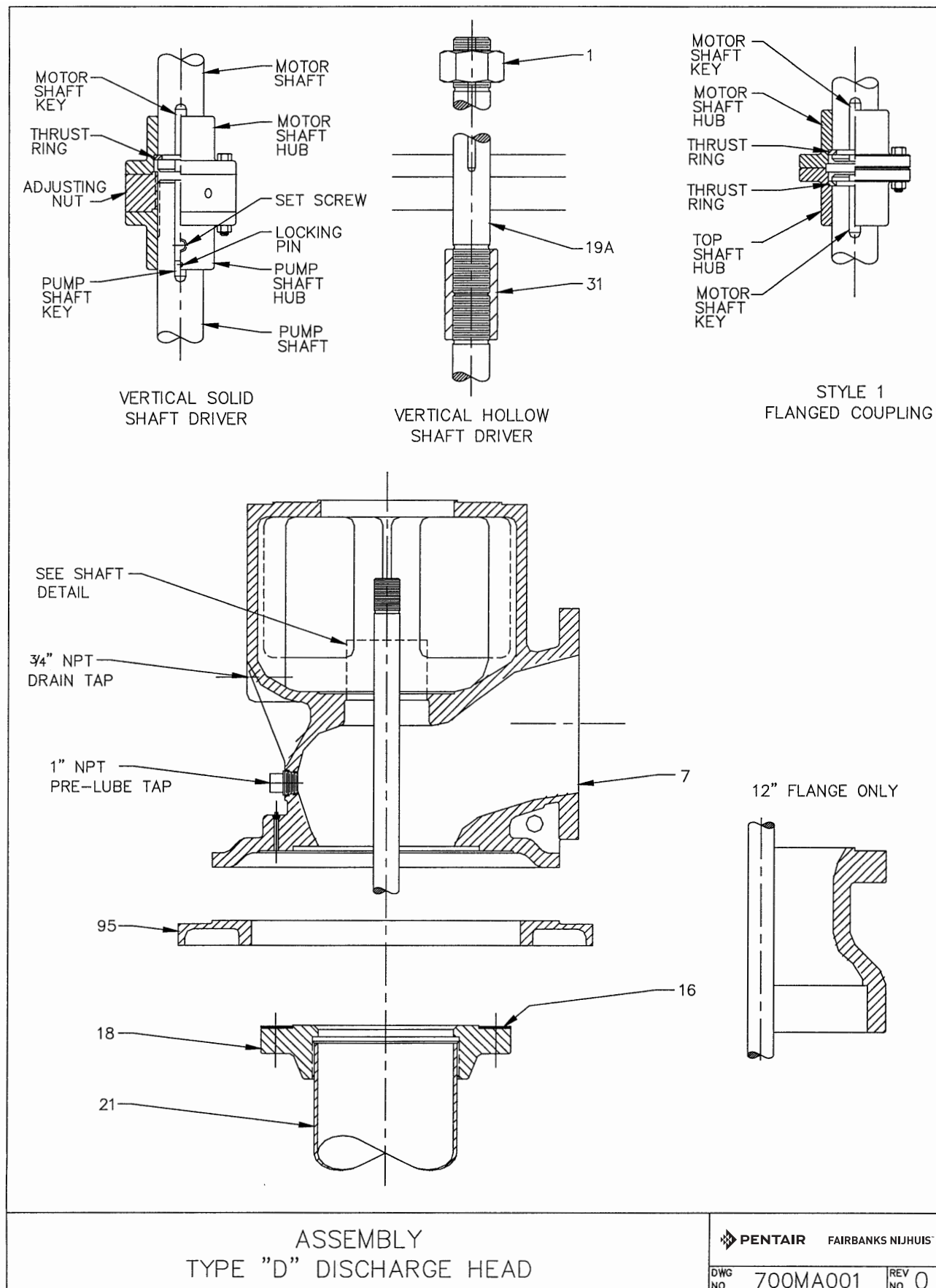
Data		2-7/16"	2-11/16"	2-15/16"	3-3/16"	3-7/16"	3-11/16"
Inside Diameter of Box (Inches)		3-5/8"	3-15/16"	4-3/16"	4-7/16"	4-11/16"	4-15/16"
Depth of Box (Inches)	Standard 175 PSI	2-1/4"	2-1/4"	2-1/4"	2-1/4"	2-1/4"	2-1/4"
	Optional 400 PSI	3-1/4"	3-1/4"	3-1/4"	3-1/4"	3-1/4"	3-1/4"
Outside Diameter of Sleeve (Inches)		2-5/8"	2-15/16"	3-3/16"	3-7/16"	3-11/16"	3-15/16"
Packing Size (Inches)		1/2	1/2	1/2	1/2	1/2	1/2
Rings Per Box		4	4	4	4	4	4
Bearing Length (Inches)		4-1/4	5	3-3/4	RTF	RTF	RTF
Gland Bolt Size (Inches)		1/2x2-3/4	1/2x2-3/4	1/2x2-3/4	1/2x2-3/4	1/2x2-3/4	1/2x2-3/4
Maximum Working Pressure (PSI)	Standard	175	175	175	175	175	175
	Optional	400	400	400	400	400	400

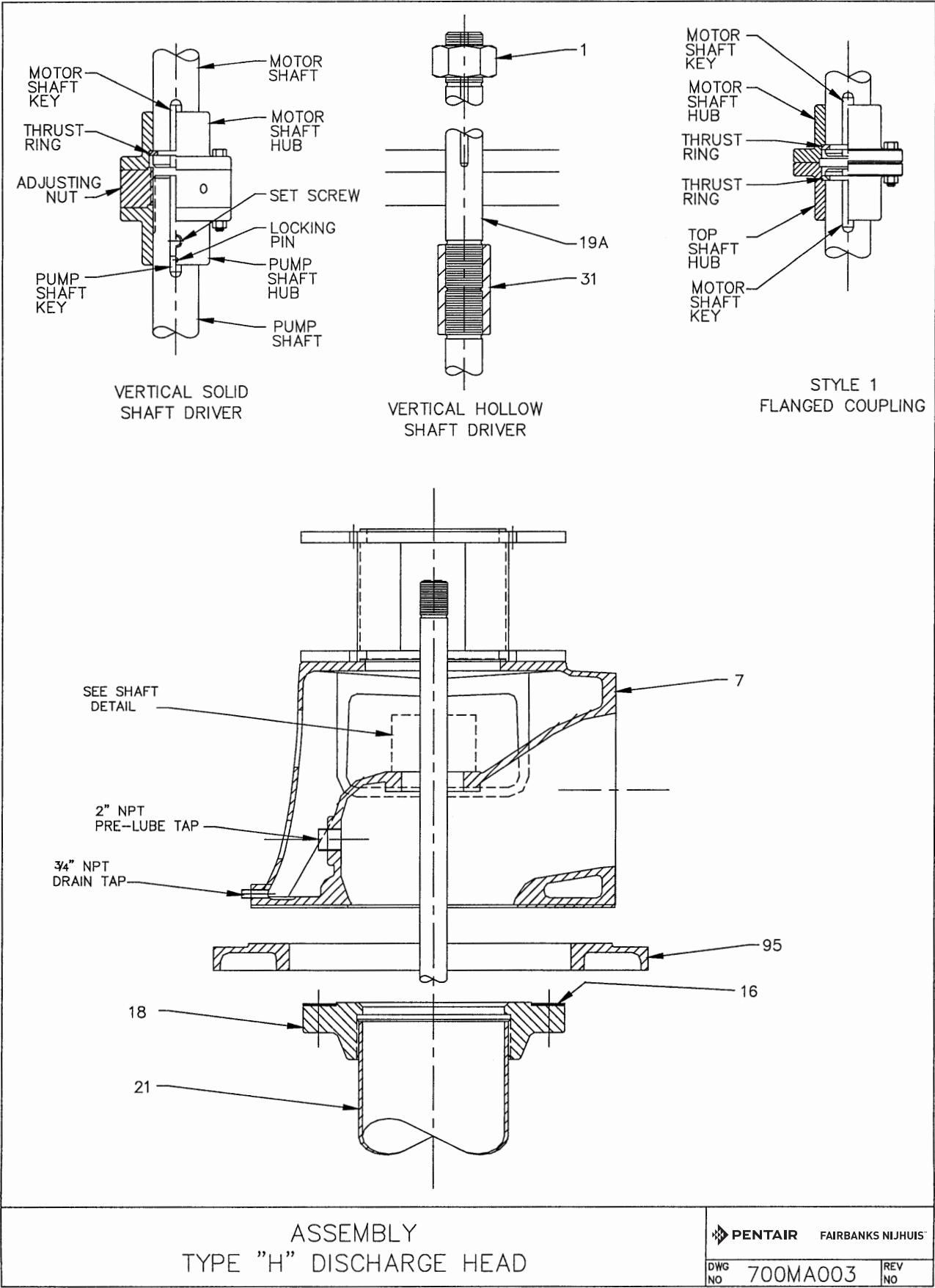


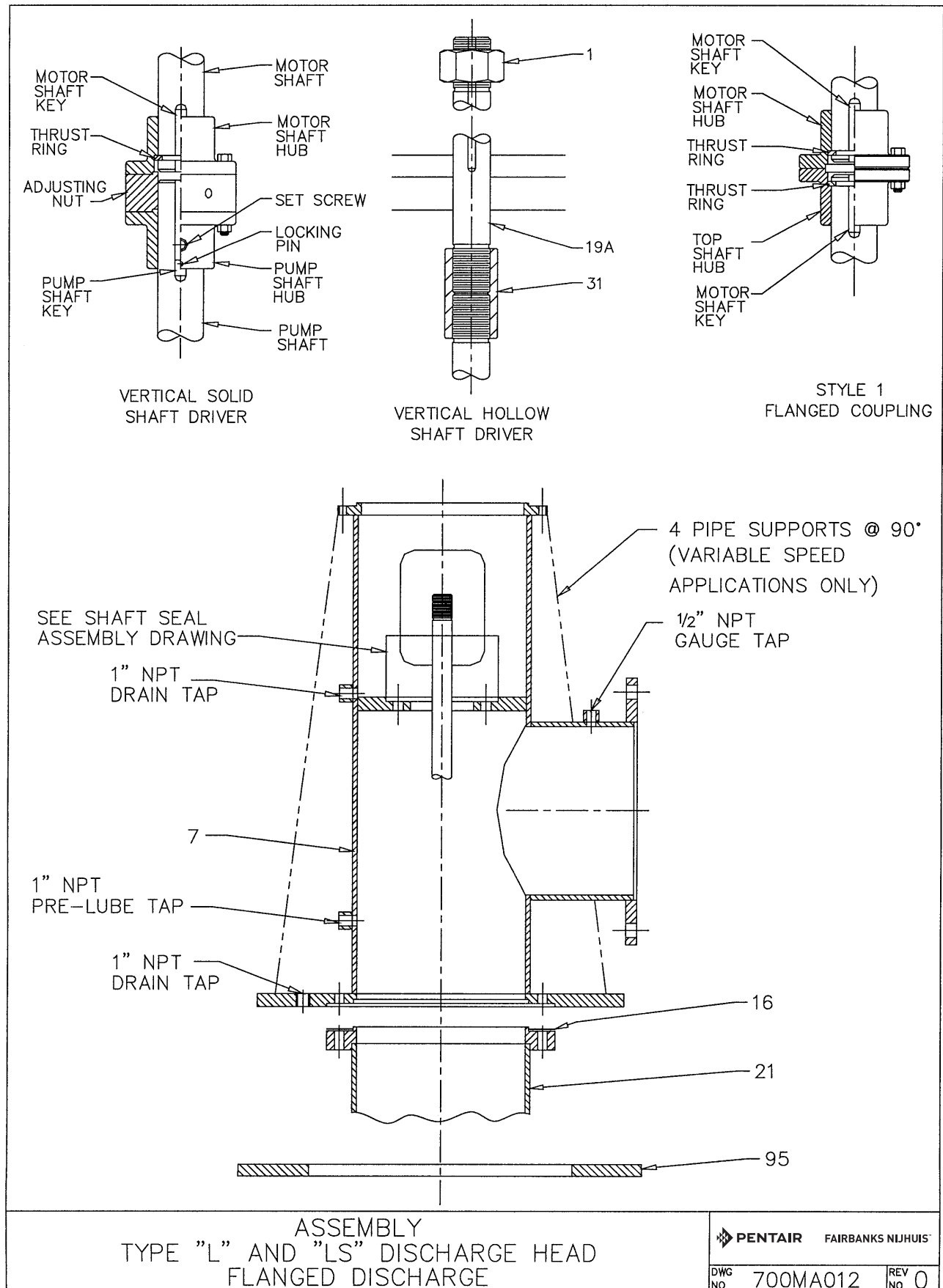


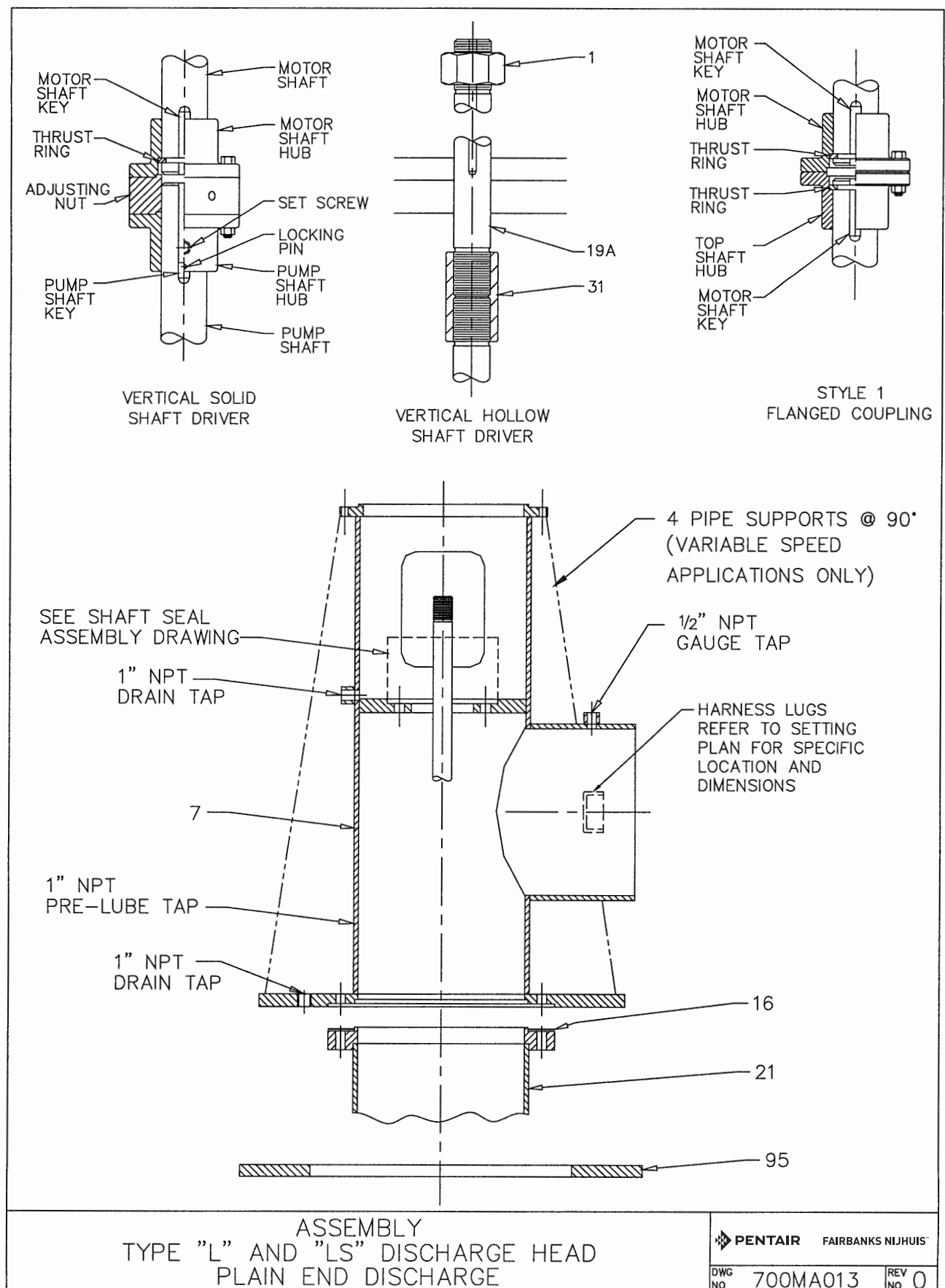
ASSEMBLY
TYPE "DT" DISCHARGE HEAD

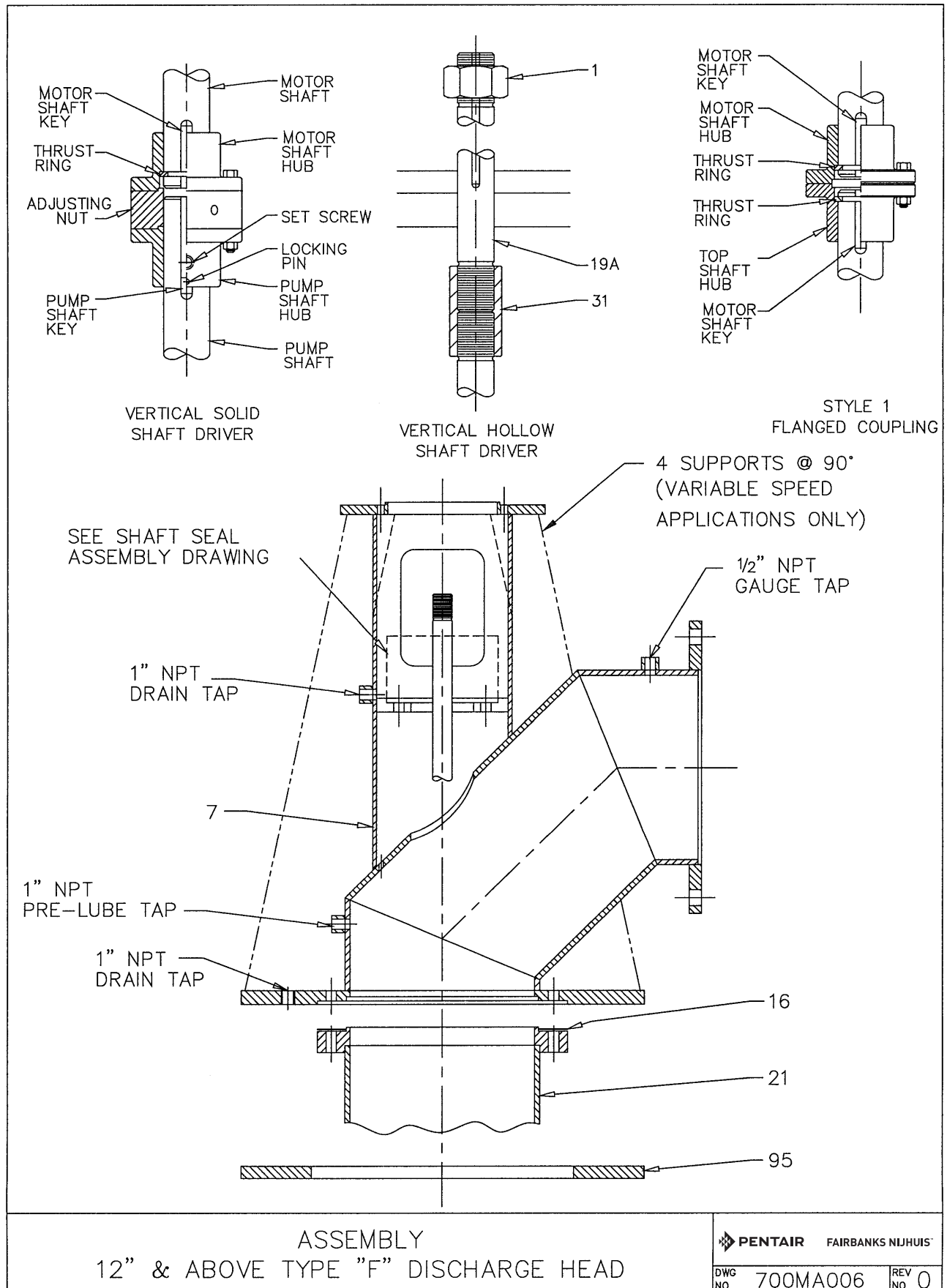
PENTAIR		FAIRBANKS NIJHUIS™	
DWG NO	700MA004	REV NO	0

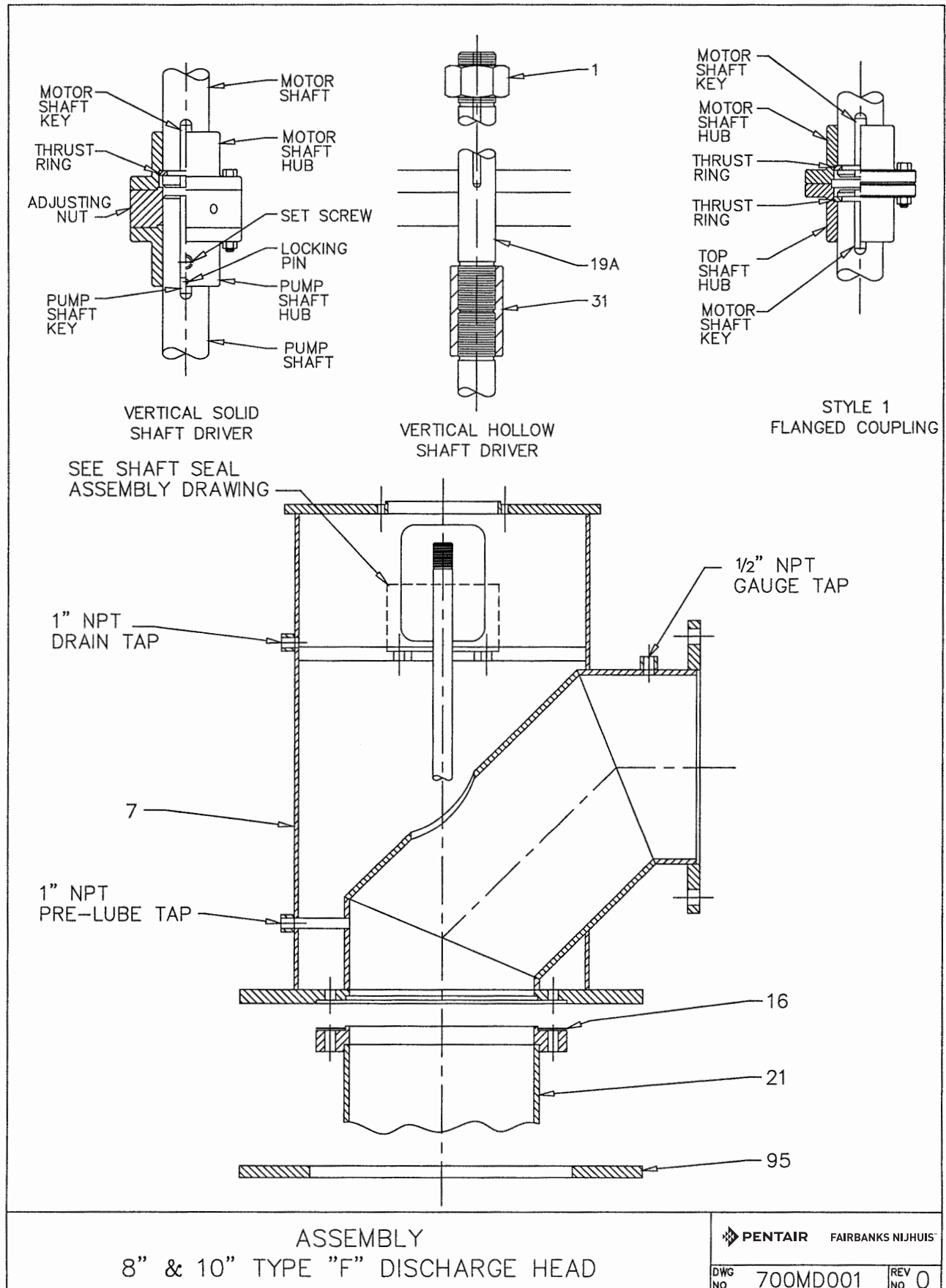


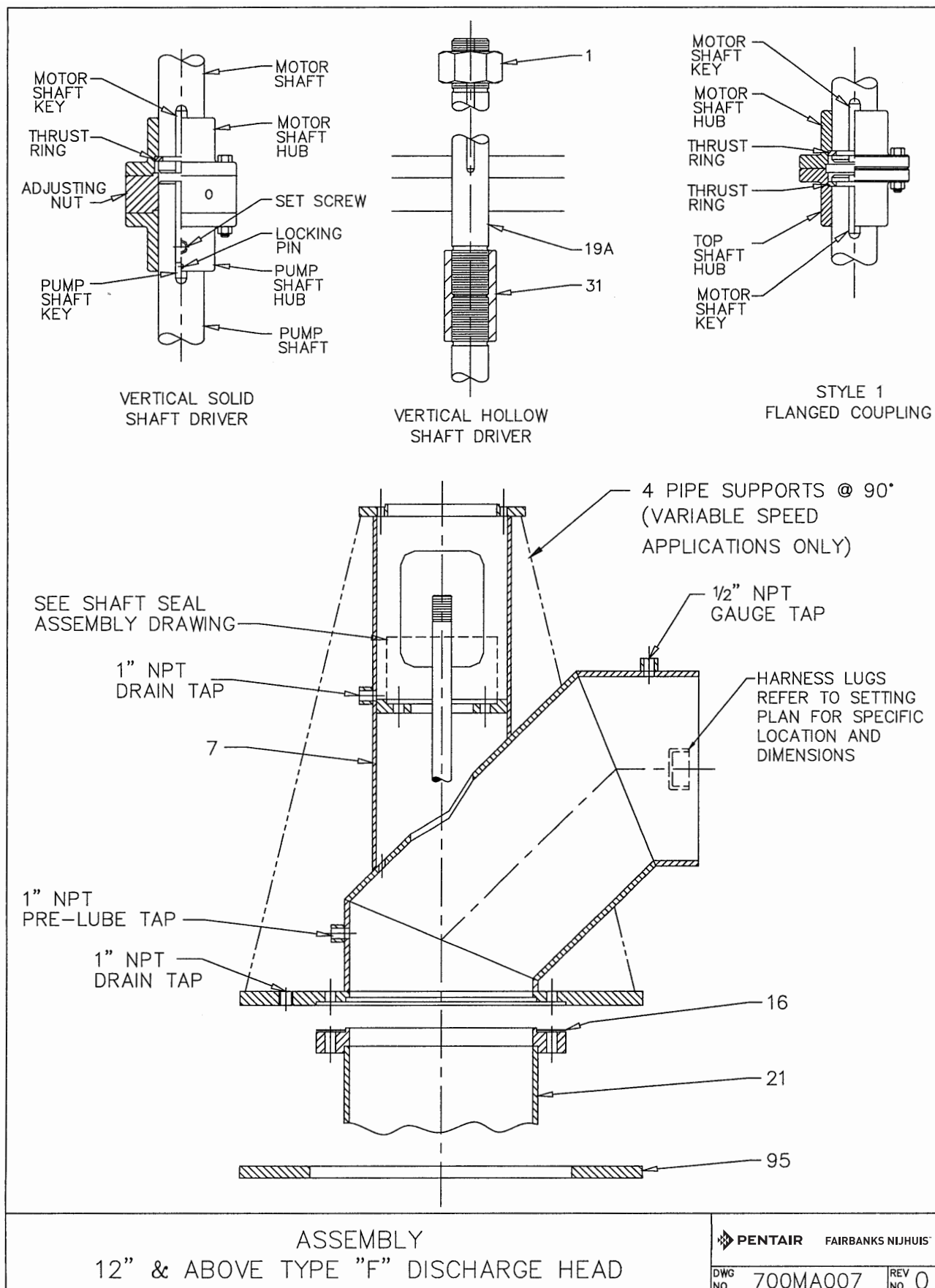


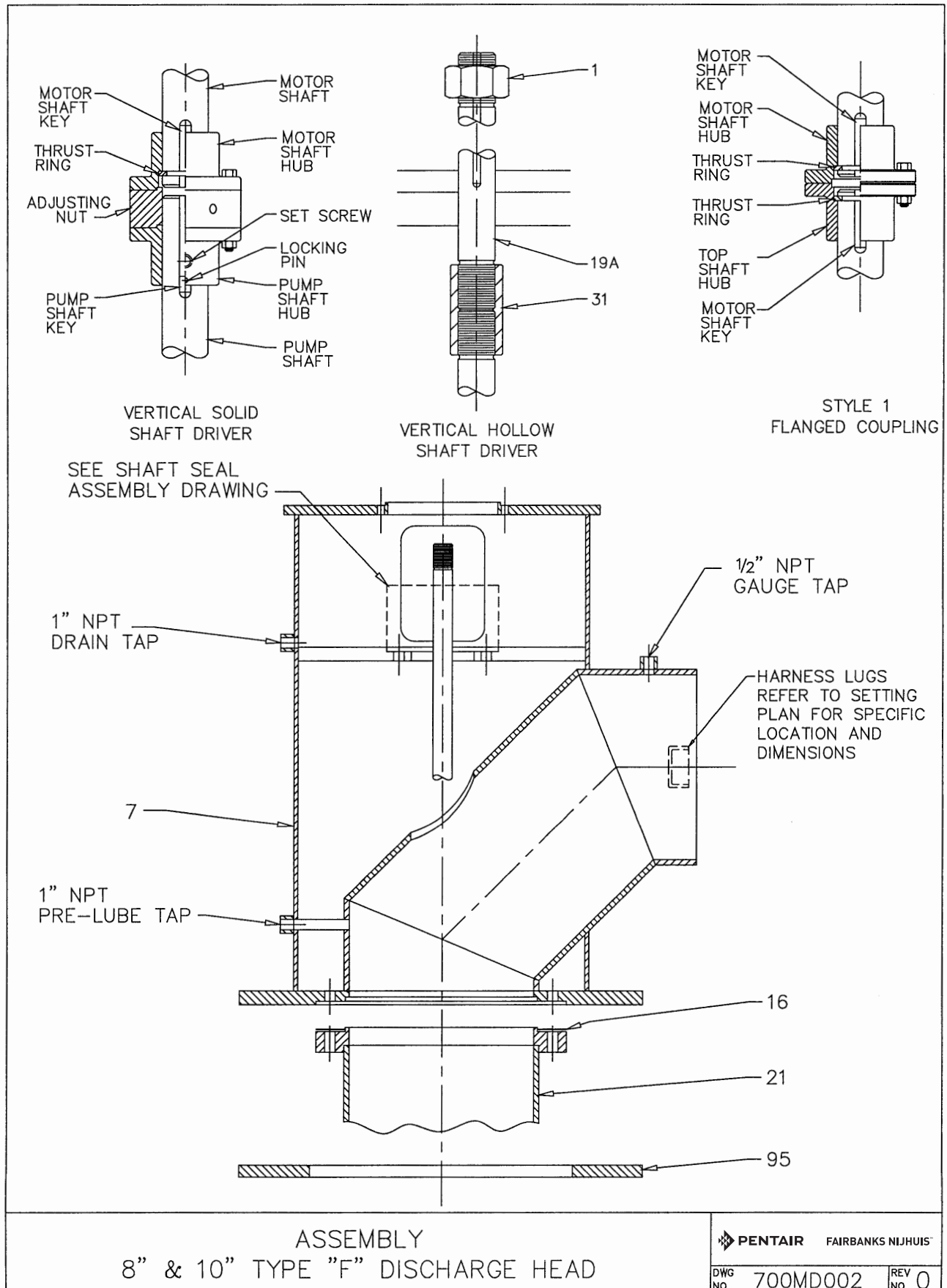


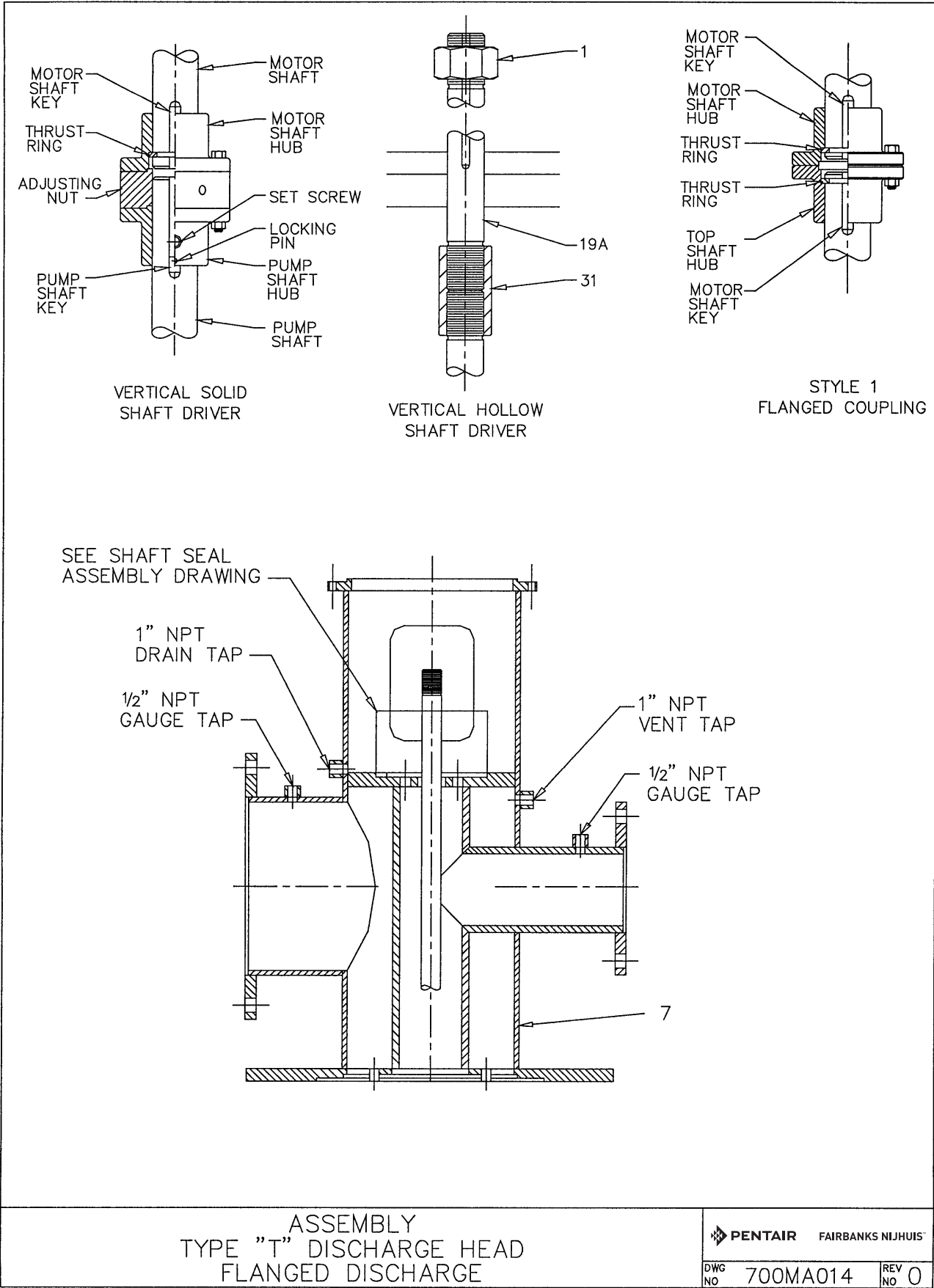


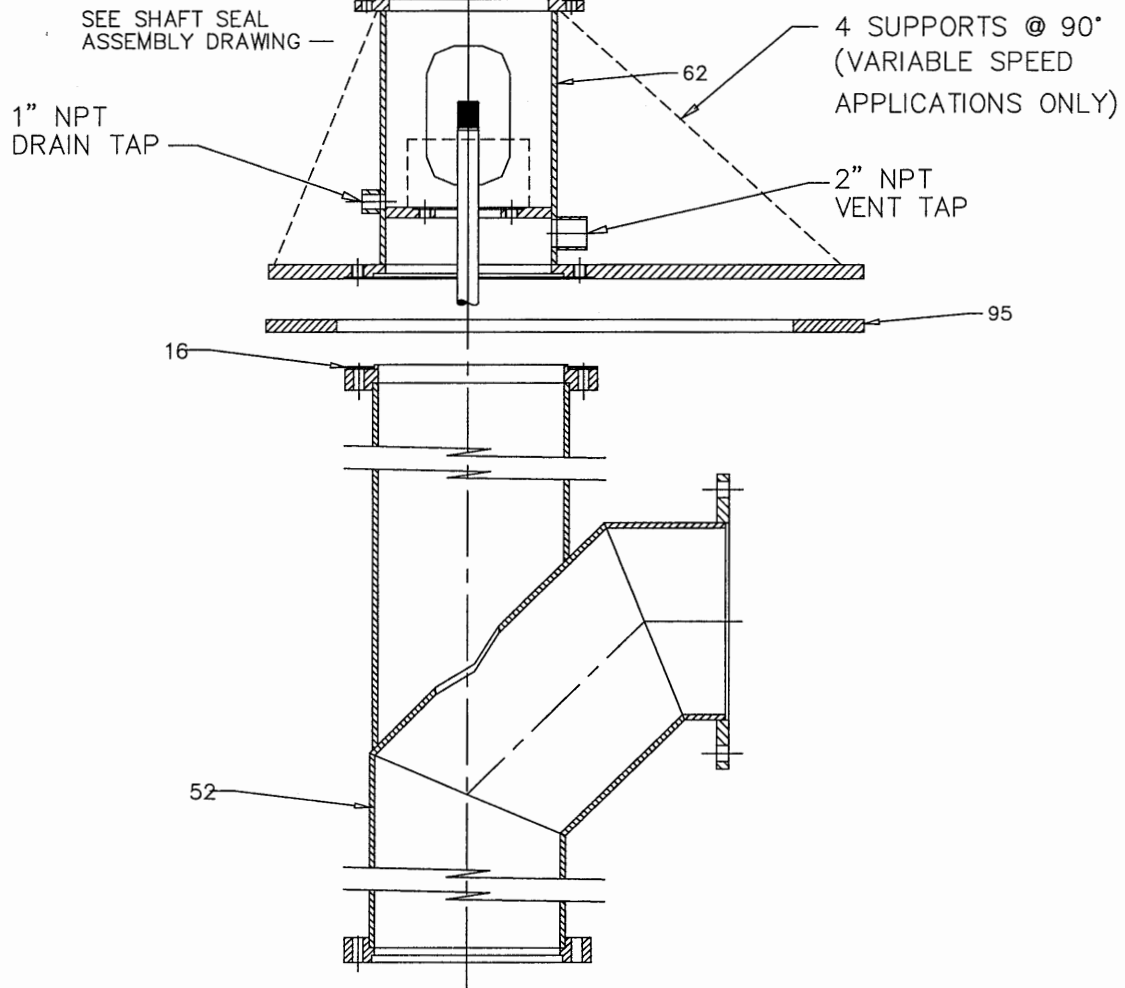
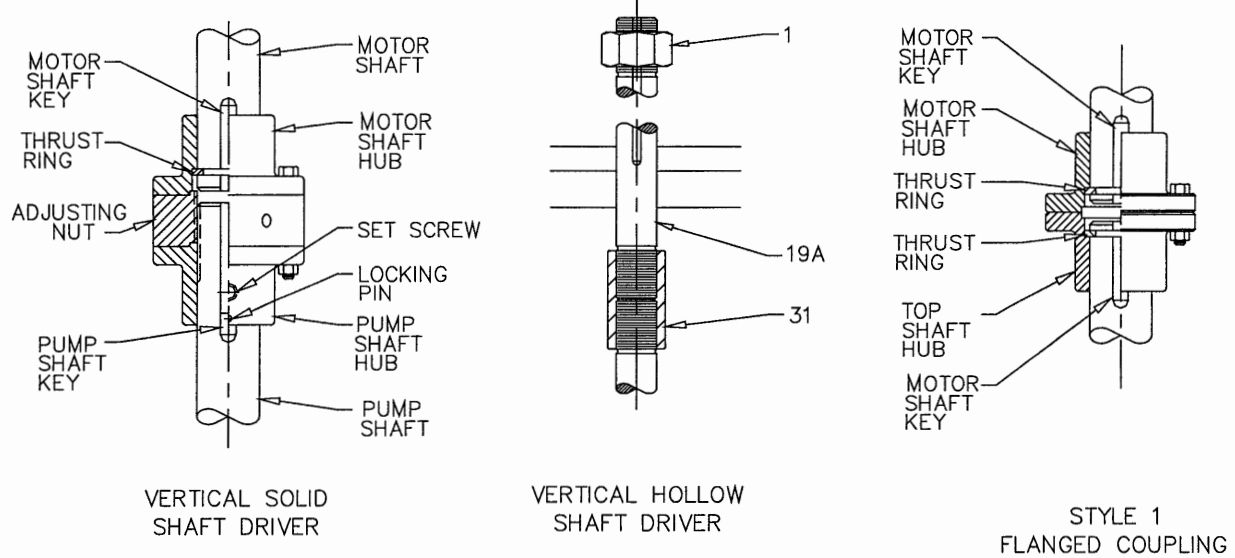












ASSEMBLY
TYPE "UF" DISCHARGE HEAD
FLANGED END DISCHARGE

PENTAIR FAIRBANKS NIJHUIS™	
DWG NO	700MA008
REV NO	0