CHEMFLO 2 HYDRAULIC

1-1/2" x 1" End Suction Centrifugal Pump

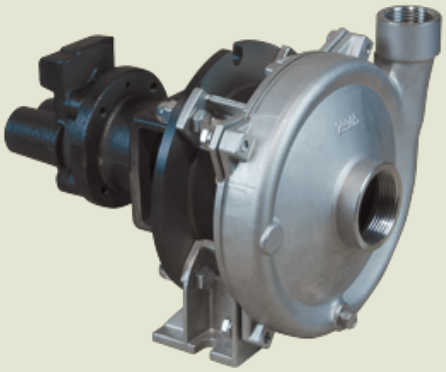
Made with high quality investment cast 316 stainless steel components, the ChemFlo® series of pumps are designed to be applied in a wide range of pumping applications where stainless steel is required.

The ChemFlo® 2 hydraulic pumps utilize a semi-open impeller design to allow for passage of larger solid sizes than similar sized enclosed impellers. Several mechanical seal options are available in addition to the standard type 2100 carbon / ceramic / Viton mechanical seal.

ChemFlo® 2 hydraulic pumps are offered with .22 or .37 cubic inch displacement SAE port fitting gerotor type motors for hydraulic flows up to 10 GPM and a maximum pressure of 2600 PSI. An optional case drain allows the motor to be used in series with other hydraulic devises. Some hydraulic motors are bi-rotational.

ChemFlo® 2 hydraulic pumps are offered with .22 or .37 cubic inch displacement gerotor motors for hydraulic flows up to 10 GPM and a maximum pressure of 2600 PSI.

Further expanding the versatility of the ChemFlo® series is the CFB 2 pump, a ChemFlo® 2 in NiBrAl material. All wetted parts are produced in CA 958 nickel aluminum bronze including the drive sleeve to maximize corrosion protection in seawater applications.

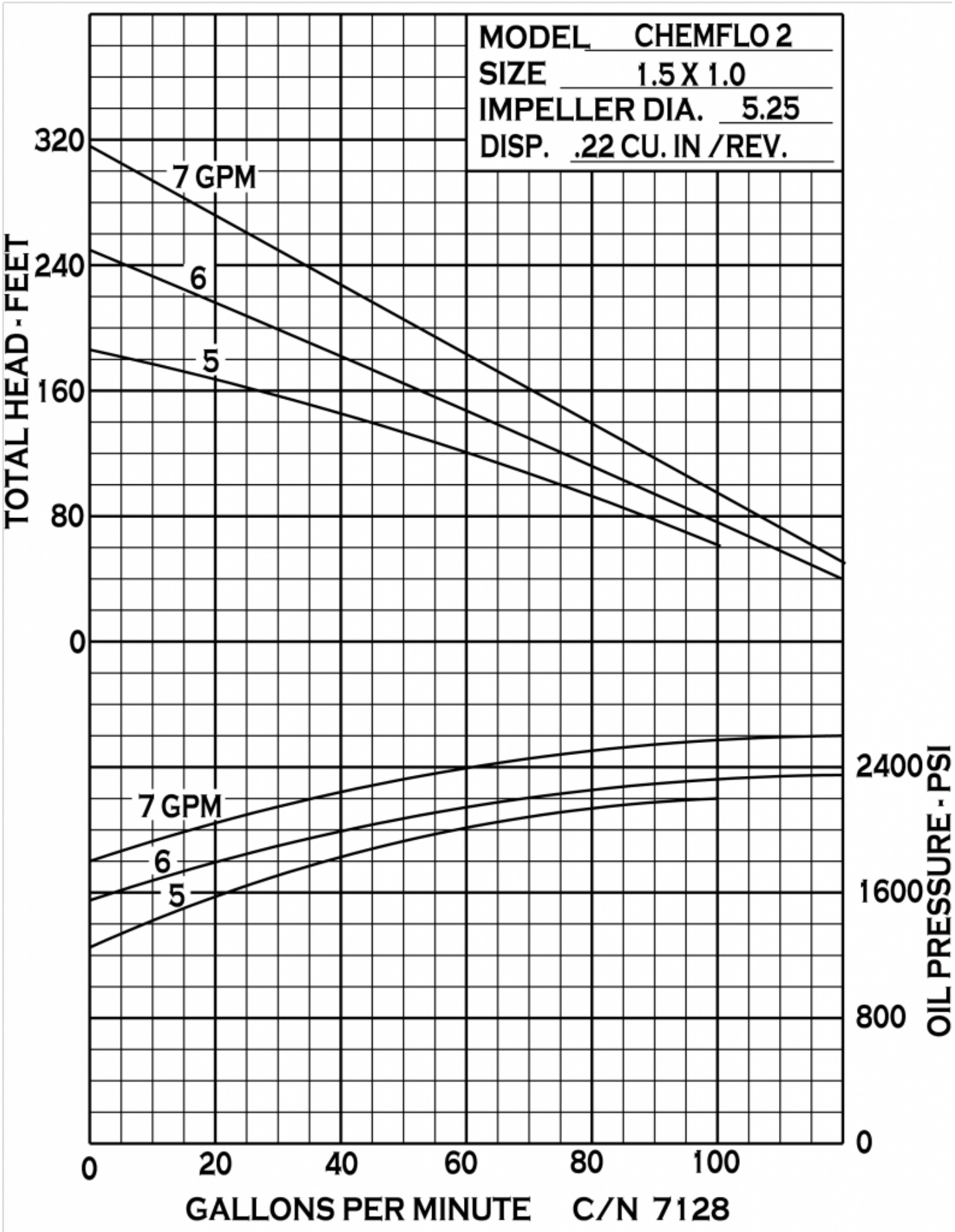


Application

- Agricultural
- Commercial
- Industrial
- Marine
- OEM

SPECIFICATIONS:

Suction And Discharge	1-1/2" x 1" NPT
Materials Of Construction	316 stainless steel, CFB (nickel aluminum bronze)
Flow	Up to 150 GPM
Head Feet	Up to 300'
Impeller	5.25" semi-open, cast 316 stainless steel
Drive Options	Hydraulic motor .22 cu. in, Hydraulic motor .37 cu. in.
Seal	Special seal material combinations available (consult factory), Standard carbon / ceramic / Viton
Hydraulic System Pressure	Up to 2600 PSI
Options	Hydraulic motors with flow control
Psi	Up to 130
Hydraulic Fluid Flow	Up to 10 GPM
Hydraulic Motor	Gerotor, Bi-Rotational, Optional case drain



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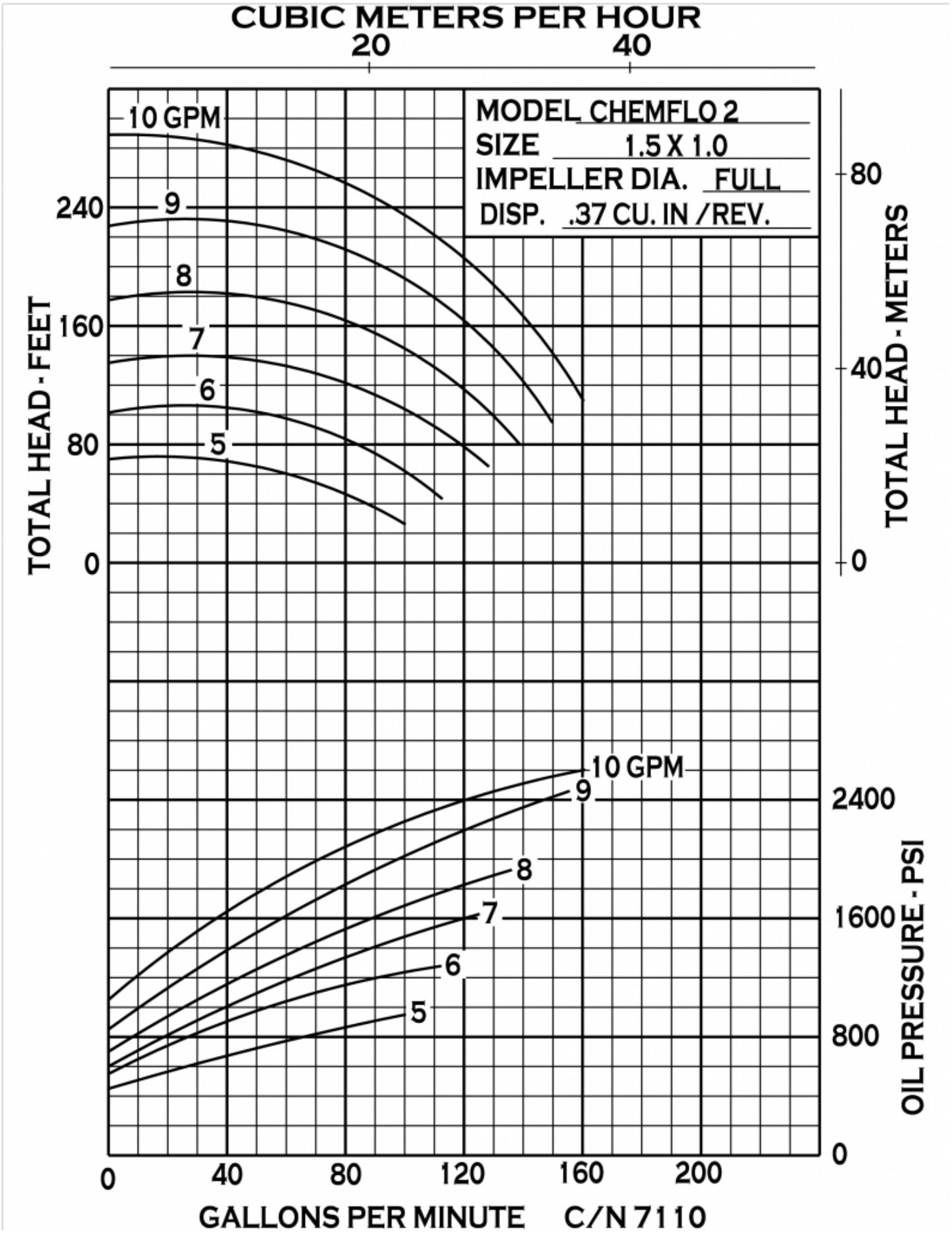

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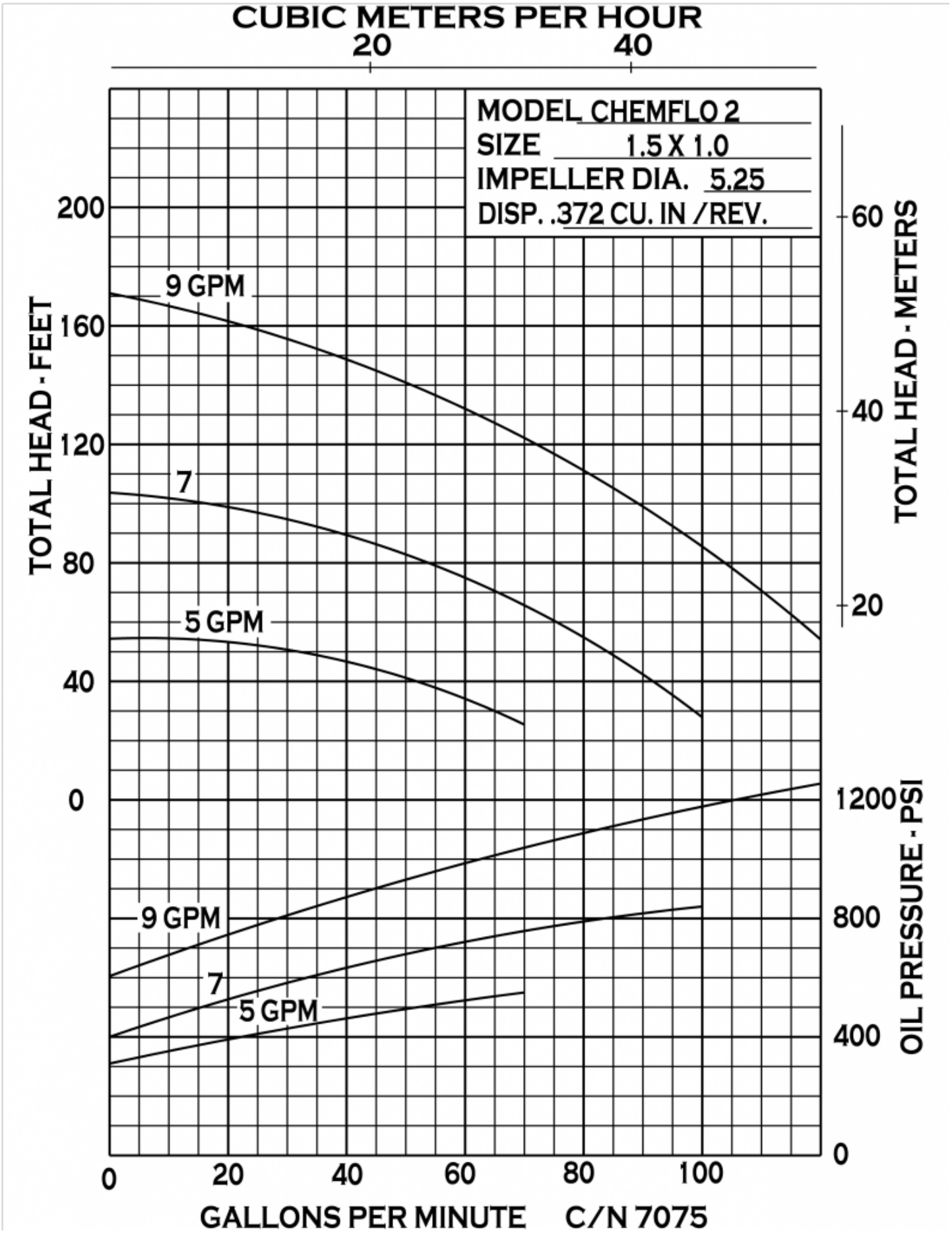

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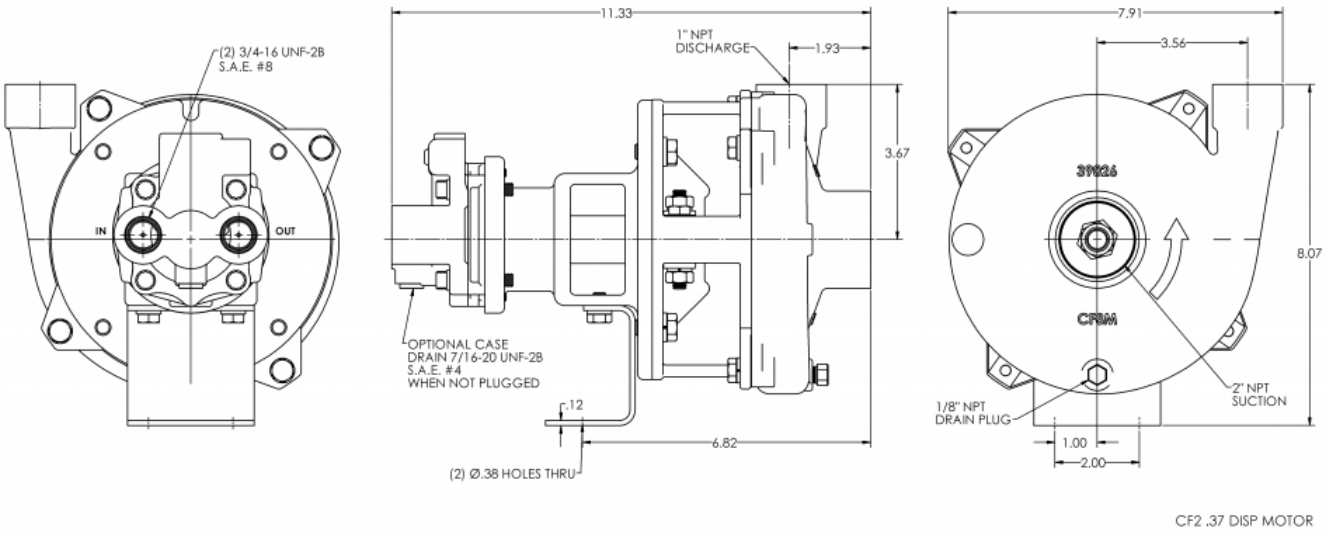

CF2 .37 DISP MOTOR

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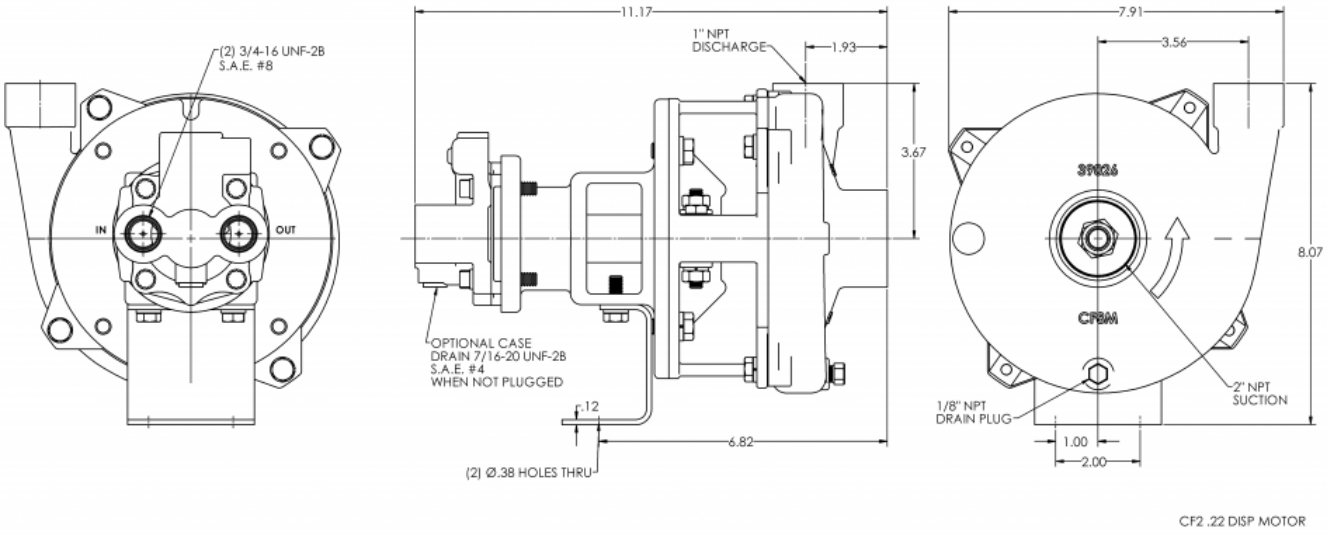

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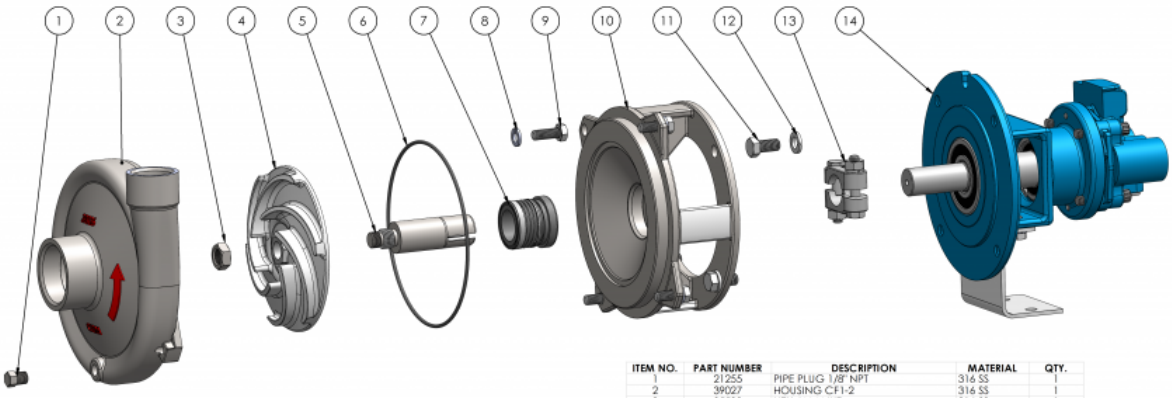

CF2 .37 DISP MOTOR

ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
1	21255	PIPE PLUG 1/8" NPT	316 SS	1
2	39027	HOUSING CF1-2	316 SS	1
3	35599	HEX JAM NUT	316 SS	1
4	34208	IMPELLER 5.25 DIA.	316 SS	1
4	30234	IMPELLER 4.60 DIA.	316 SS	1
4	30235	IMPELLER 4.10 DIA.	316 SS	1
4	30236	IMPELLER 3.50 DIA.	316 SS	1
5	35753	DRIVE SLEEVE 145TC	316 SS	1
6	31230	O-RING AS-568-162	EPDM	1
6	30066	O-RING AS-568-163	TEFLON	1
6	29715	O-RING AS-568-162	VITON	1
6	35290	O-RING AS-568-162	NEOPRENE	1
6	39375	O-RING AS-568-162	BUNA	1
6	50524	O-RING AS-568-162	AFLAS	1
7	22273	SEAL ASSEMBLY 1" T-2100	CCS VITON	1
7	22560	SEAL ASSEMBLY 1"	SVC SSC	1
7	22273	SEAL ASSEMBLY 1"	CCS/VITON	1
8	21238	LOCKWASHER 5/16 X 18	304 SS	4
9	21242	CAP SCREW HH 5/16-18 X 7/8	304 SS	4
10	33794	ADAPTER 145TC	316 SS	1
11	25663	CAPSCREW 3/8-16 X 3/4	304 SS	4
12	21266	LOCKWASHER 3/8 X 1/8	304 SS	4
13	23003	CLAMP ASSEMBLY	316 SS	1
14	36449	HYD .37DISP	CAST IRON	1
14	36269	HYD .37DISP FLW CTRL	CAST IRON	1

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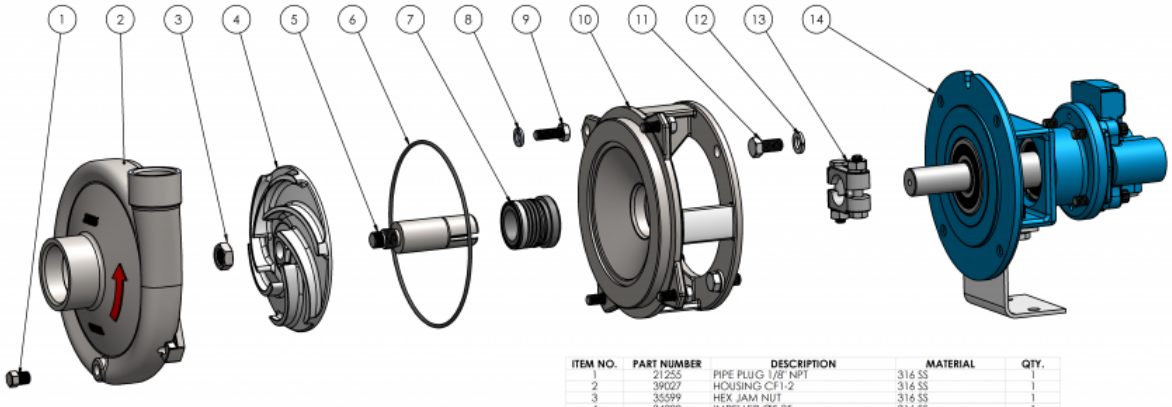

CF2 .22 DISP MOTOR

ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
1	21255	PIPE PLUG 1/8" NPT	316 SS	1
2	39027	HOUSING CF1-2	316 SS	1
3	35599	HEX JAM NUT	316 SS	1
4	34208	IMPELLER Ø5.25	316 SS	1
4	30234	IMPELLER Ø4.60	316 SS	1
4	30235	IMPELLER Ø4.10	316 SS	1
4	30236	IMPELLER Ø3.50	316 SS	1
5	35753	DRIVE SLEEVE 145TC	316 SS	1
6	31230	O-RING AS-568-162	EPDM	1
6	30066	O-RING AS-568-163	TEFLON	1
6	29715	O-RING AS-568-162	VITON	1
6	35290	O-RING AS-568-162	NEOPRENE	1
6	39375	O-RING AS-568-162	BUNA	1
6	50524	O-RING AS-568-162	AFLAS	1
7	22273	SEAL ASSEMBLY 1"	CCS VITON	1
7	22560	SEAL ASSEMBLY 1"	SVC SSC	1
7	22273	SEAL ASSEMBLY 1"	CCS/VITON	1
8	21238	LOCKWASHER 5/16 X 18	304 SS	4
9	21242	CAP SCREW HH 5/16-18 X 7/8	304 SS	4
10	33794	ADAPTER 145TC	316 SS	1
11	25663	CAPSCREW 3/8-16 X 3/4	304 SS	4
12	21266	LOCKWASHER 3/8 X 1/8	304 SS	4
13	23003	CLAMP ASSEMBLY	316 SS	1
14	36025	HYD .22 DISP	CAST IRON	1
14	36271	HYD .22 DISP FLW CTRL	CAST IRON	1