109093

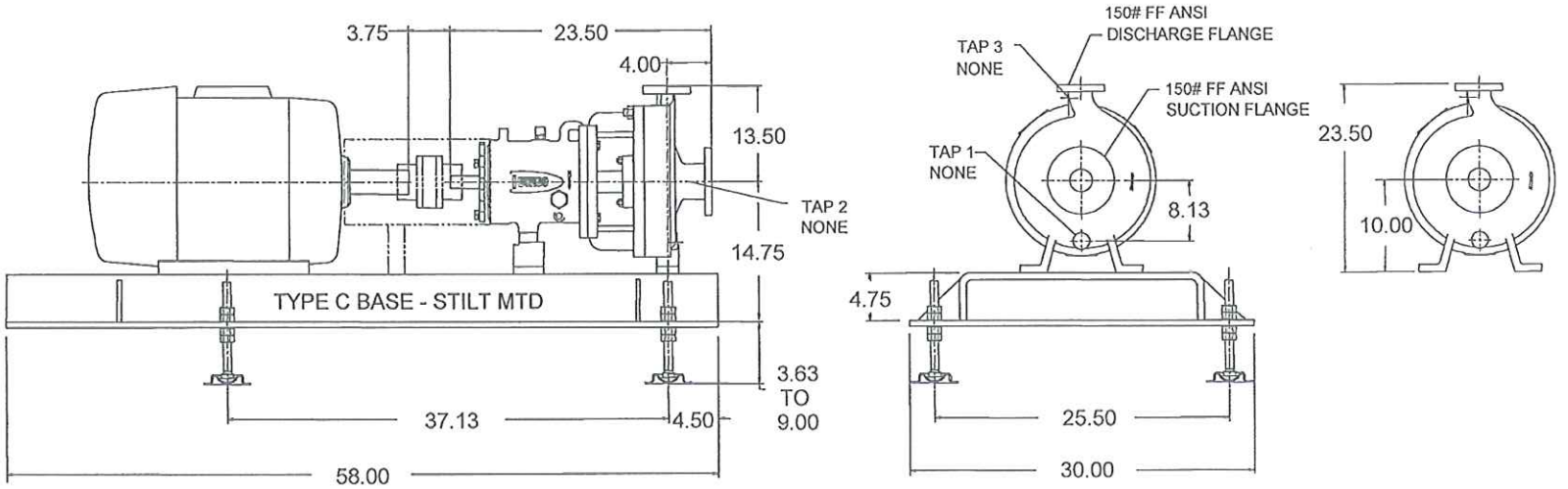
FLOWSERVE Pump Division

Full Page GA Drawing

Dimensions certified for construction when properly endorsed below.
Refer to factory for any "*" dimensions.
DO NOT SCALE DRAWING

NOTES:
1. Consult pump I.O.M. before installing the pump.
2. Installation dimensions are +/- .13" (3mm), unless otherwise noted.
3. Foundation bolts and piping should not be set rigidly before receipt of equipment.
4. Allow a minimum of .75" (19mm) under baseplate for adjustment and grouting.
5. All holes in flanges are offset from centerlines.
6. Piping, foundations, and systems are the responsibility of others. Flowserve Pump Division data and comments are offered as an aid, but Flowserve Pump Division cannot assume responsibility for the system design or operation. It is recommended that a specialist skilled in this area be consulted to ensure a successful installation.
7. Dimension shown from bottom of base to centerline of pump includes any blocks under pump, as necessary.

Suction flange tapped 3/4-10 UNC



All dimensions are in inches unless otherwise specified

DUPONT DANISCO
CELLULOSIC ETHANOL
CUSTOMER PO: DDCE110098
TAG NO. : P8400-2
SERVICE : CHILLED WATER RECIRC. PUMP
PUMP MODEL: MK3 2K6X4-10HRV
PUMP SERIAL NO: 0709-7812
FLOWSERVE ORDER: 034-01430-16

Pump size & type	: 2K6x4-10HRV M3 ST		
Pump speed / Stages	: 1780 rpm	/ 1	
Flow / Head	: 881.0 USgpm	/ 70.00 ft	
Driver power / Frame	: 25.0 hp / 18.6 kW	/ 284T	
Volts / Phase / Hz	: 460	/ 3	/ 60

Drawing number	
Date	: July 22, 2009
Certified by / Date :	
Seal type	: -
Seal flush plan	: -

WinPROS+ V3.3.2

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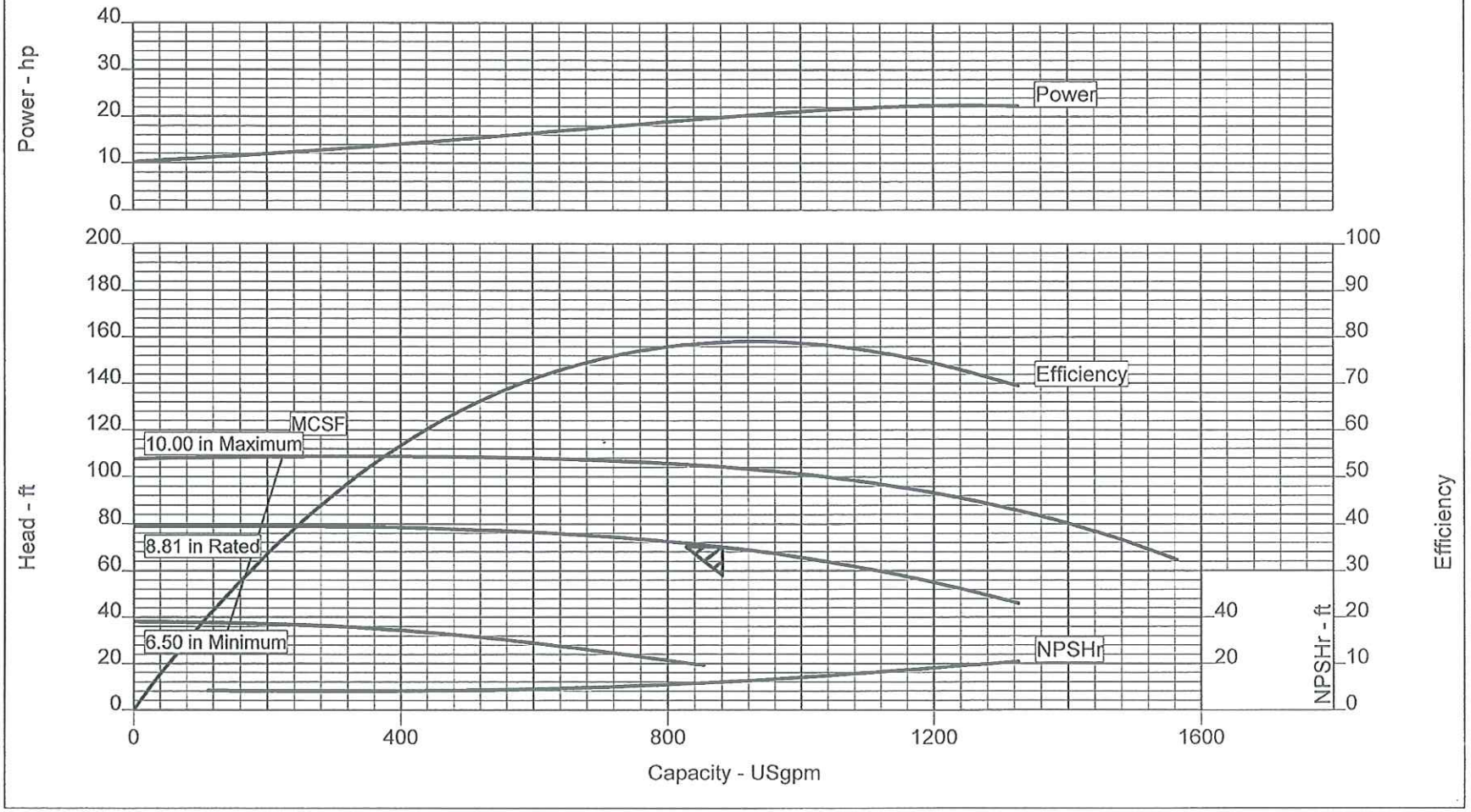
FLOWSERVE Pump Division

Capacity	: 881.0 USgpm	Specific gravity	: 1.000
Head	: 70.00 ft	Pump speed	: 1780 rpm

Pump size & type	: 2K6x4-10HRV M3 ST
Based on curve no.	: MIII8385AV
Number of stages	: 1

CURVES ARE APPROXIMATE, PUMP IS GUARANTEED FOR ONE SET OF CONDITIONS, CAPACITY, HEAD, AND EFFICIENCY.
MCSF PROVIDES MECHANICAL PROTECTION ONLY. MINIMUM THERMAL FLOW MUST BE CALCULATED FOR THE SPECIFIC FLUID AND OPERATING CONDITIONS.



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