ITEM	PAGES
Bulletin 5562	
Product Numbering System, Fig. 5462, 5562, 5564	1 - 3
Typical Architect / Engineer Specifications - Series 5562	4
Pump Assembly - Figs. 5462H, 5562H & 5564	5 - 7
Dimensions, Fig. 5462H, All Sizes, Iron Construction	8
Dimensions, Fig. 5562H, All Sizes, Iron Construction	9
Dimensions, Fig. 5564, All Sizes, Iron Construction	10
Dimensions, Fig. 5562H, All Sizes, Alloy Construction	11
Dimensions, Fig. 5564, All Sizes, Alloy Construction	12
Selection Curves, Fig. 5560, 1750RPM, 1150RPM, & 870RPM	13 - 14
Performance Curve, Fig. 5562H, Sizes: 1" & 1½", 1750RPM	15
Performance Curve, Fig. 5562H, Size: 2½", 1750RPM	16
Performance Curve, Fig.5562H, Sizes: 1¼S & 1½S, 1750RPM	17
Performance Curve, Fig. 5562H, Size: 1½ M, 1750 & 1150RPM	18
Performance Curve, Fig. 5562H, Size: 1½ L, 1750 & 1150RPM	19
Performance Curve, Fig. 5562H, Size: 2 S, 1750RPM	20
Performance Curve, Fig. 5562H, Size: 2 M, 1750 & 1150RPM	21
Performance Curve, Fig. 5562H, Size: 3 S, 1750 & 1150RPM	22
Performance Curve, Fig. 5562H, Size: 3 MD, 1750 & 1150RPM	23
Performance Curve, Fig. 5562H, Size: 4 S, 1750 & 1150RPM	24
Performance Curve, Fig. 5562H, Size: 4 MD, 1750 & 1150RPM	25
Performance Curve, Fig. 5562H, Size: 5 MSD, 1750 & 1150RPM	26
Performance Curve, Fig. 5562H, Size: 5 MD, 1750 & 1150RPM	27
Performance Curve, Fig. 5562H, Size: 6 MD, 1750 & 1150RPM	28
Performance Curve, Fig. 5562H, Size: 6 MLD, 1750 & 1150RPM	29

WARNING:
CANCER AND REPRODUCTIVE HARM -
WWW.P65WARNINGS.CA.GOV

Continued ➔

ITEM	PAGES
Performance Curve, Fig. 5564, Size: 4 x 4 x 12 DV 1750 & 1150RPM	31
Performance Curve, Fig. 5564, Size: 6 x 4 x 12 DV, 1750 & 1150RPM	32
Performance Curve, Fig. 5567, Size: 6 x 4 x 15, 1750 & 1150RPM	33
Performance Curve, Fig. 5567, Size: 6 x 4 x 15, 870RPM	34
Performance Curve, Fig. 5564, Size: 6 x 6 x 12 DV, 1750 & 1150RPM	35
Performance Curve, Fig. 5564, Size: 6 x 6 x 12 DV, 1750 & 1150RPM	36
Performance Curve, Fig. 5564, Size: 8 x 8 x 12 DV, 1750 & 1150RPM	37
Performance Curve, Fig. 5564, Size: 10 x 10 x 12, 1150 & 870RPM	38

WARNING:
CANCER AND REPRODUCTIVE HARM -
WWW.P65WARNINGS.CA.GOV

End

Vertical Immersion and Process Pumps

The Product Numbering System used, consists of 12 digits, and the following is a description of that system:

0000	**000**	**0 0**	**0**	**00**
1 thru 4	5 thru 7	8 & 9	10	11 & 12

Figure 5462H The letter "H" in the figure number has been added to indicate that it is the latest construction for the Figure 5462. This "H" will not appear in the product code.

Digits 1 thru 4 describes the pump figure number.	
1 thru 4	Description
5462	Vertcal Process, End Suction Design, Cantilever Type

Digits 5 thru 7 describes the pump size.			
5 thru 7	Description	5 thru 7	Description
100	1"	308	3S
150	1-1/2"	307	3MD
250	2-1/2"	408	4S
133	1-1/4S	407	4MD
158	1-1/2S	511	5MSD
157	1-1/2M	507	5MD
156	1-1/2L	607	6MD
208	2S	609	6MLD
207	2M		

Digits 8 & 9 describes the Discharge and Plate size.	
8 & 9	Description
20	Standard discharge size and plate
22	Standard discharge size and large plate
23	Larger than standard discharge size and plate

Digit 10 describes the motor mounting.	
1	Frame 56C
2	Frame 143-145TC
3	Frame 182-184TC
4	Frame 213-215TC
5	Frame 254TC
6	Frame 256TC
7	Frame 284-286TC
8	Frame 324-326TSC
9	Frame 364-365TSC
0	Frame 404-405TSC

Digits 11 & 12 describes the material of construction.	
01	Standard All Iron with 1045 Steel Shaft
02	All Iron with 316 SS Shaft and Impeller

Vertical Immersion and Process Pumps

The Product Numbering System used, consists of 12 digits, and the following is a description of that system:

0000	**000**	**0 0**	**0**	**00**
1 thru 4	5 thru 7	8 & 9	10	11 & 12

Figure 5562H The letter "H" in the figure number has been added to indicate that it is the latest construction for the Figure 5562. This "H" will not appear in the product code.

Digits 1 thru 4 describes the pump figure number.

1 thru 4	Description
5562	Vertcal Process, End Suction Design, Cantilever Type

Digits 5 thru 7 describes the pump size.

5 thru 7	Description	5 thru 7	Description
100	1"	308	3S
150	1-1/2"	307	3MD
250	2-1/2"	408	4S
133	1-1/4S	407	4MD
158	1-1/2S	511	5MSD
157	1-1/2M	507	5MD
156	1-1/2L	607	6MD
208	2S	609	6MLD
207	2M		

Digits 8 & 9 describes the Discharge and Plate size.

8 & 9	Description
20	Standard discharge size and plate
22	Standard discharge size and large plate
23	Larger than standard discharge size and plate

Digit 10 describes the motor mounting.

1	Frame 56C	6	Frame 256TC
2	Frame 143-145TC	7	Frame 284-286TC
3	Frame 182-184TC	8	Frame 324-326TSC
4	Frame 213-215TC	9	Frame 364-365TSC
5	Frame 254TC	0	Frame 404-405TSC

Digits 11 & 12 describes the material of construction.

01	Standard All Iron with 1045 Steel Shaft 9" Extension
02	Standard All Iron with 1045 Steel Shaft 12" Extension
03	Standard All Iron with 1045 Steel Shaft 15" Extension
04	Standard All Iron with 316 SS Shaft and Impeller 9" Extension
05	Standard All Iron with 316 SS Shaft and Impeller 12" Extension
06	Standard All Iron with 316 SS Shaft and Impeller 15" Extension
07	316 SS Pump below Support Plate 9" Extension
08	316 SS Pump below Support Plate 12" Extension
09	316 SS Pump below Support Plate 15" Extension
10	Alloy 20 Pump below Support Plate 9" Extension
11	Alloy 20 Pump below Support Plate 12" Extension
12	Alloy 20 Pump below Support Plate 15" Extension
13	Standard All Iron with 1045 Steel Shaft 6" Extension
14	All Iron with 316 SS Shaft and Impeller 6" Extension
15	316 SS Pump below Support Plate 6" Extension
16	Alloy 20 Pump below Support Plate 6" Extension

Vertical Immersion and Process Pumps

The Product Numbering System used, consists of 12 digits, and the following is a description of that system:

0000	**0000**	**0**	**0**	**00**
1 thru 4	5 thru 8	9	10	11 & 12

Figure 5564H The letter "H" in the figure number has been added to indicate that it is the latest construction for the Figure 5564. This "H" will not appear in the product code.

Digits 1 thru 4 describes the pump figure number.	
1 thru 4	Description
5564	Vertcal Process, End Suction Design, Cantilever Type

Digits 5 thru 8 describes the pump size.	
5 thru 8	Description
4065	4 x 4 x 12
4275	6 x 4 x 15
6066	6 x 6 x 12
6166	8 x 6 x 12
8065	8 x 8 x 12
7065	10 x 10 x 12

Digit 9 describes the Discharge and Plate size.	
9	Description
0	Standard discharge size and plate
2	Standard discharge size and large plate
3	Larger than standard discharge size and plate

Digit 10 describes the motor mounting.			
1	Frame 56C	6	Frame 256TC
2	Frame 143-145TC	7	Frame 284-286TC
3	Frame 182-184TC	8	Frame 324-326TSC
4	Frame 213-215TC	9	Frame 364-365TSC
5	Frame 254TC	0	Frame 404-405TSC

Digits 11 & 12 describes the material of construction.	
01	Standard All Iron with 1045 Steel Shaft 9" Extension
02	Standard All Iron with 1045 Steel Shaft 12" Extension
03	Standard All Iron with 1045 Steel Shaft 15" Extension
04	Standard All Iron with 316 SS Shaft and Impeller 9" Extension
05	Standard All Iron with 316 SS Shaft and Impeller 12" Extension
06	Standard All Iron with 316 SS Shaft and Impeller 15" Extension
07	316 SS Pump below Support Plate 9" Extension
08	316 SS Pump below Support Plate 12" Extension
09	316 SS Pump below Support Plate 15" Extension
10	Alloy 20 Pump below Support Plate 9" Extension
11	Alloy 20 Pump below Support Plate 12" Extension
12	Alloy 20 Pump below Support Plate 15" Extension

Vertical Immersion and Process Pumps

General

Furnish _____ Deming Vertical process Pump(s), Fig. _____ size _____ to be capable of pumping _____ GPM against a total head of _____ feet, at temperature, specific gravity and viscosity indicated, when operating at _____ RPM. The pump shall include (9")(12")(15") extension below the base plate.

All parts in contact with the liquid being pumped shall be suitable for service indicated. All cast iron parts shall have minimum 30,000 lbs. tensil strength.

Pump Construction

The pump casing shall be of the vertically split, end suction design. Pumps with 3" and larger discharge shall have double volute type casing and 125# ANSI discharge flange.

Impeller shall be semi-open type with heavy vanes. Balance openings shall be provided in the shroud with pumping vanes on back of the shroud to prevent accumulation of solids behind the impeller. Impeller shall be easily adjusted to compensate for wear by means of external jack screws.

Power frame shall be heavy duty, one piece cast iron, accurately machined, with regreasable ball bearings, sealed against dirt and moisture.

The shaft shall be of high strength steel, compatible with liquid being pumped. It shall be of sufficient diameter to withstand maximum pump load with minimum deflection.

Column shall be cast in one piece, for (9")(12")(15") extension, accurately machined to assure alignment.

A throttle bushing, mounted in a one piece bearing housing, shall be located between the pump liquid end and the column. A suitable deflector shall be mounted on the shaft, adjacent to the throttle bushing.

Pump shall be furnished with (Motor pedestal for mounting NEMA "C" Flange Motor)(fabricated chair mount for mounting horizontal foot mounted motor). Flexible shaft coupling shall be furnished to connect the driver to the pump. Coupling shall be enclosed in coupling guard.

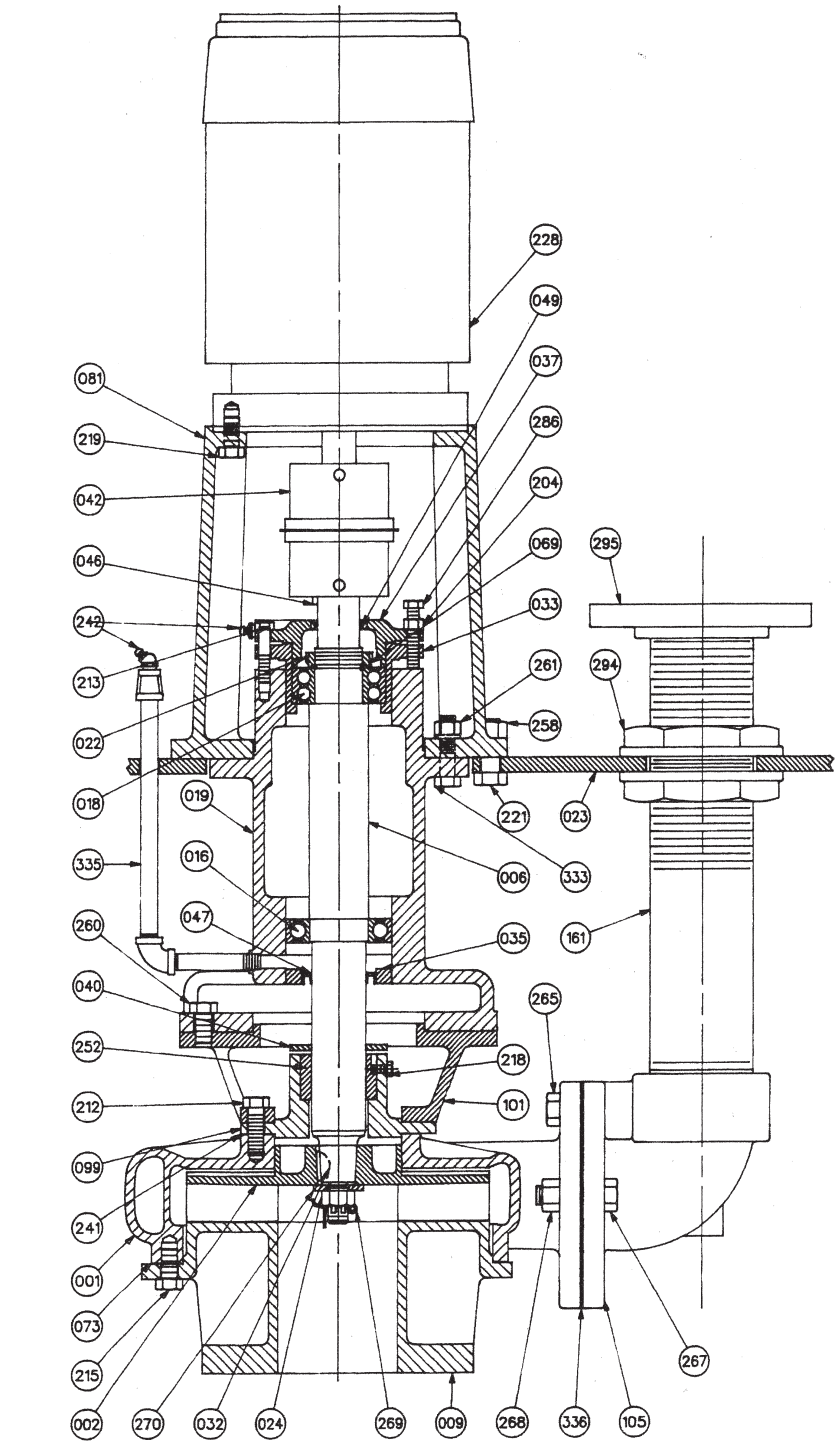
Base plate shall be steel, of sufficient thickness to support total weight of the unit, including discharge pipe, when specified.

Motor

The motor shall be not less than _____ hp _____ RPM, NEMA design B squirrel cage type, (drip proof)(TEFC)(EISA)(premium) efficiency motor with (1.15)(1.0) service factor and suitable for operation on (115)(230) volt, 1 phase, (50)(60) Hertz power supply OR (200)(230)(460)(575) volt, 3 phase, 60 hertz power supply. Motor size shall be sufficient to prevent overloading at operating conditions or at the lowest listed head conditions, whichever point requires greater horsepower. Following installation, grouting and connection of all piping, pump and motor must be checked for alignment in accordance with standards of the Hydraulic Institute.

Pump Assembly - Fig. 5462H

Vertical Immersion and Process Pumps



(*) Recommended Spare Parts

WARNING:
CANCER AND REPRODUCTIVE HARM -
WWW.P65WARNINGS.CA.GOV

ITEM No.	DESCRIPTION
001	Casing
002	Impeller
006	Shaft
009	Suction Cover
*016	Ball Bearing (Inboard)
*018	Ball Bearing (Outboard)
019	Frame
022	Lock Nut (Bearing)
023	Base Plate
*024	Impeller Nut
032	Impeller Key
033	Bearing Housing (Outboard)
035	Bearing Cover (Inboard)
037	Bearing Cover (Outboard)
040	Deflector
042	Coupling
046	Coupling Key
*047	Bearing Cover Seal
*049	Bearing Cover Seal
069	Bearing Lock Washer
*073	Gasket
081	Drive Pedestal
099	Throttle Housing
101	Column
105	Discharge Elbow
161	Discharge Pipe
204	Adjusting Lock Nut
212	Cap Screw
213	Cap Screw
215	Cap Screw
218	Cap Screw
219	Cap Screw
221	Cap Screw
228	Motor
*241	Gasket
242	Grease Fitting
252	Throttle Bushing
258	Hex Nut
260	Cap Screw
261	Hex Nut
265	Cap Screw
267	Cap Screw
268	Cap Screw
*269	Cotter Pin
270	Impeller Washer
286	Jackscrew
294	Pipe Nut
295	Discharge Flange
332	Cap Screw (Not Shown)
335	Lube Pipe Assembly
*336	Gasket

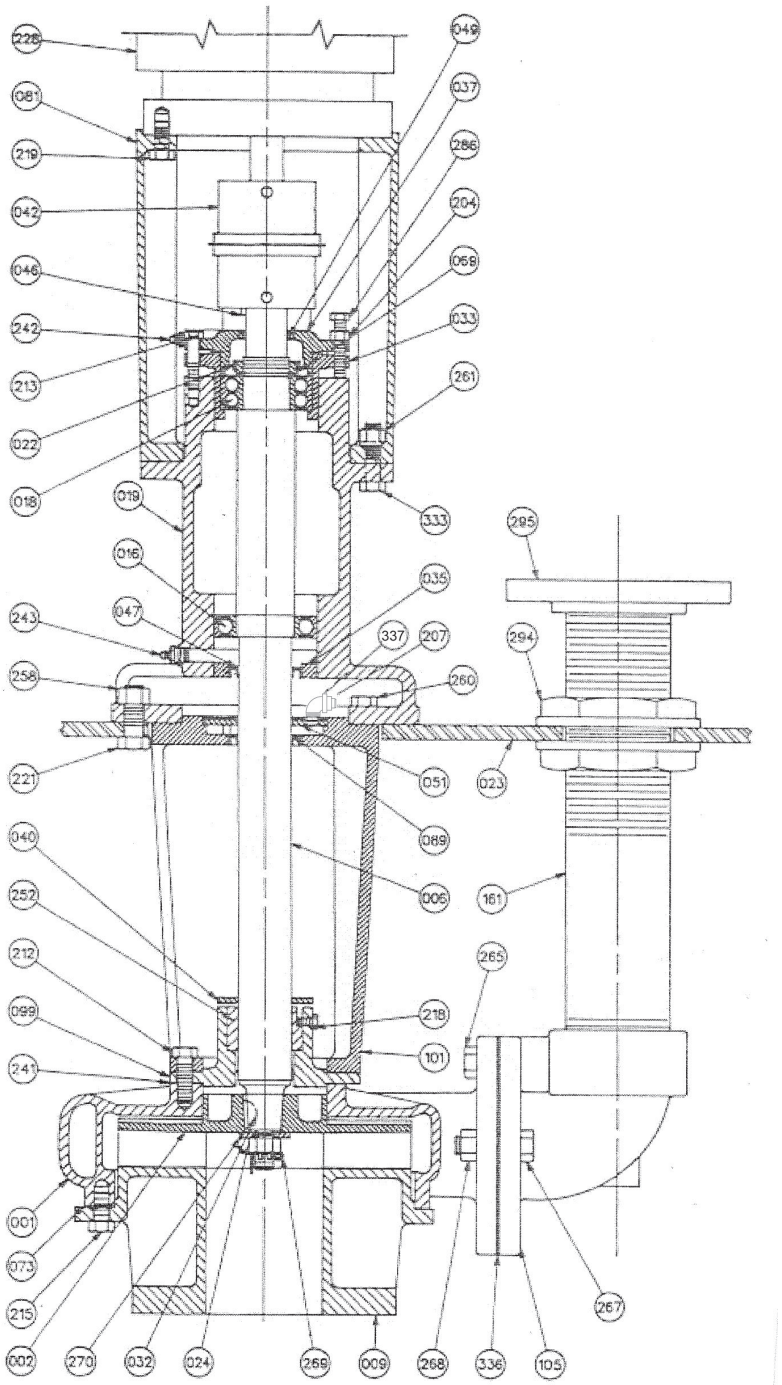
Pump Assembly - Fig. 5562H

Bulletin 5562

DEMING®

www.cranepumps.com

Vertical Immersion and Process Pumps



(*) Recommended Spare Parts

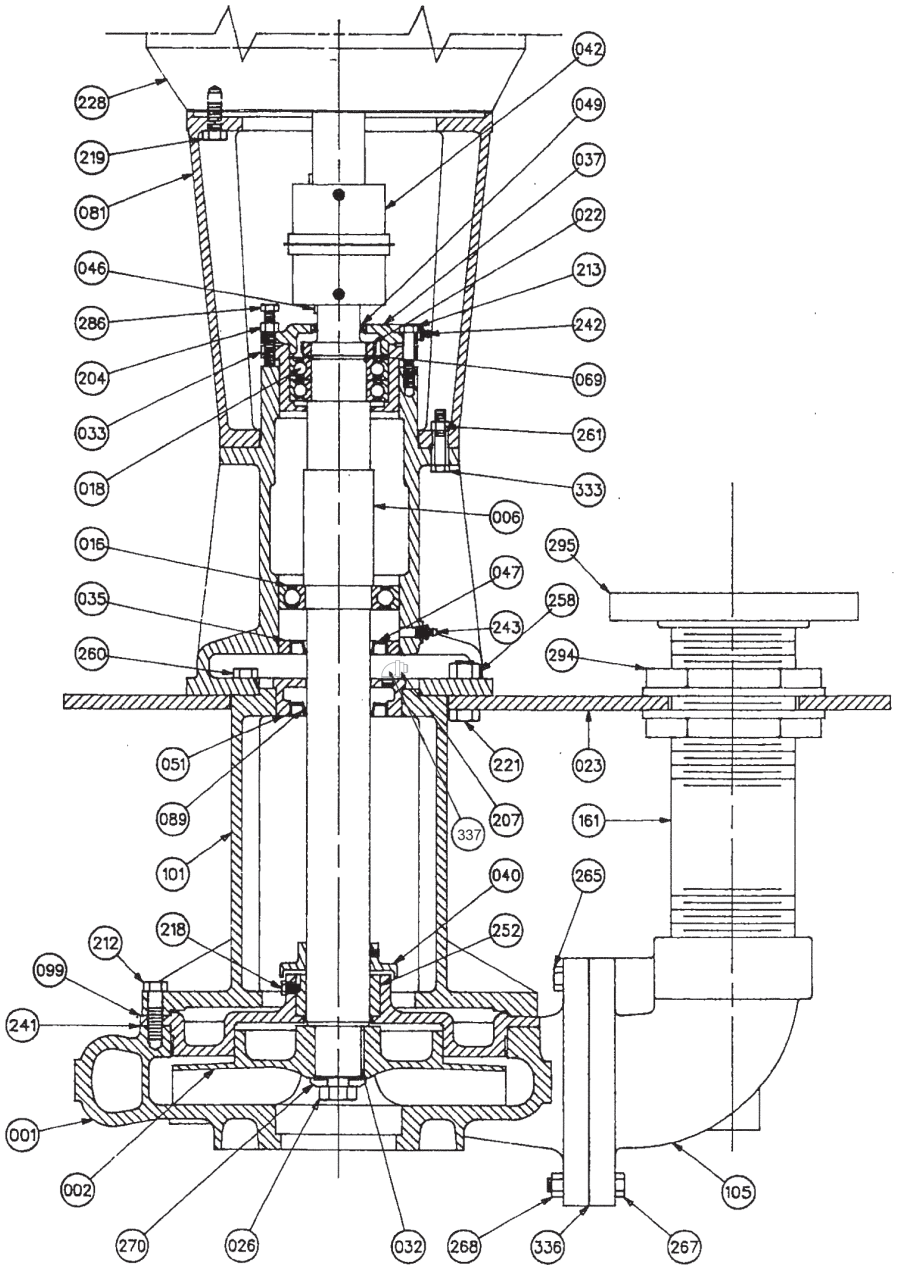
WARNING:
CANCER AND REPRODUCTIVE HARM -
WWW.P65WARNINGS.CA.GOV

ITEM No.	DESCRIPTION
001	Casing
002	Impeller
006	Shaft
009	Suction Cover
*016	Ball Bearing (Inboard)
*018	Ball Bearing (Outboard)
019	Frame
022	Lock Nut (Bearing)
023	Base Plate
*024	Impeller Nut
032	Impeller Key
033	Bearing Housing (Outboard)
035	Bearing Cover (Inboard)
037	Bearing Cover (Outboard)
040	Deflector
042	Coupling
046	Coupling Key
*047	Bearing Cover Seal
*049	Bearing Cover Seal
051	Grease Retainer
069	Bearing Lock Washer
*073	Gasket
*089	Lip Seal
081	Drive Pedestal
099	Throttle Housing
101	Column
105	Discharge Elbow
161	Discharge Pipe
204	Adjusting Lock Nut
207	Grease Fitting
212	Cap Screw
213	Cap Screw
215	Cap Screw
218	Cap Screw
219	Cap Screw
221	Cap Screw
228	Motor
*241	Gasket
242	Grease Fitting
243	Grease Fitting
*252	Throttle Bushing
258	Hex Nut
260	Cap Screw
261	Hex Nut
265	Cap Screw
267	Cap Screw
268	Cap Screw
*269	Cotter Pin
270	Impeller Washer
286	Jackscrew
294	Pipe Nut
295	Discharge Flange
332	Cap Screw (Not Shown)
333	Cap Screw
*336	Gasket

Pump Assembly - Fig. 5564

Bulletin 5562

Vertical Immersion and Process Pumps



(*) Recommended Spare Parts

WARNING:
CANCER AND REPRODUCTIVE HARM -
WWW.P65WARNINGS.CA.GOV

ITEM No.	DESCRIPTION
001	Casing
002	Impeller
006	Shaft
*016	Ball Bearing (Inboard)
*018	Ball Bearing (Outboard)
019	Frame
022	Lock Nut (Bearing)
023	Base Plate
*026	Impeller Screw
032	Impeller Key
033	Bearing Housing (Outboard)
035	Bearing Cover (Inboard)
037	Bearing Cover (Outboard)
040	Deflector
042	Coupling
046	Coupling Key
*047	Bearing Cover Seal
*049	Bearing Cover Seal
051	Grease Retainer
069	Bearing Lock Washer
081	Drive Pedestal
099	Throttle Housing
101	Column
105	Discharge Elbow
161	Discharge Pipe
204	Adjusting Lock Nut
207	Grease Fitting
212	Cap Screw
213	Cap Screw
218	Cap Screw
219	Cap Screw
221	Cap Screw
228	Motor
239	Stud (Not Shown)
*241	Gasket
242	Grease Fitting
243	Grease Fitting
246	Stud (Not Shown)
247	Hex Nut (Not Shown)
249	Hex Nut (Not Shown)
*252	Throttle Bushing
258	Hex Nut
260	Cap Screw
261	Hex Nut
265	Cap Screw
267	Cap Screw
268	Cap Screw
270	Impeller Washer
286	Jackscrew
294	Pipe Nut
295	Discharge Flange
332	Cap Screw (Not Shown)
333	Cap Screw
*336	Gasket

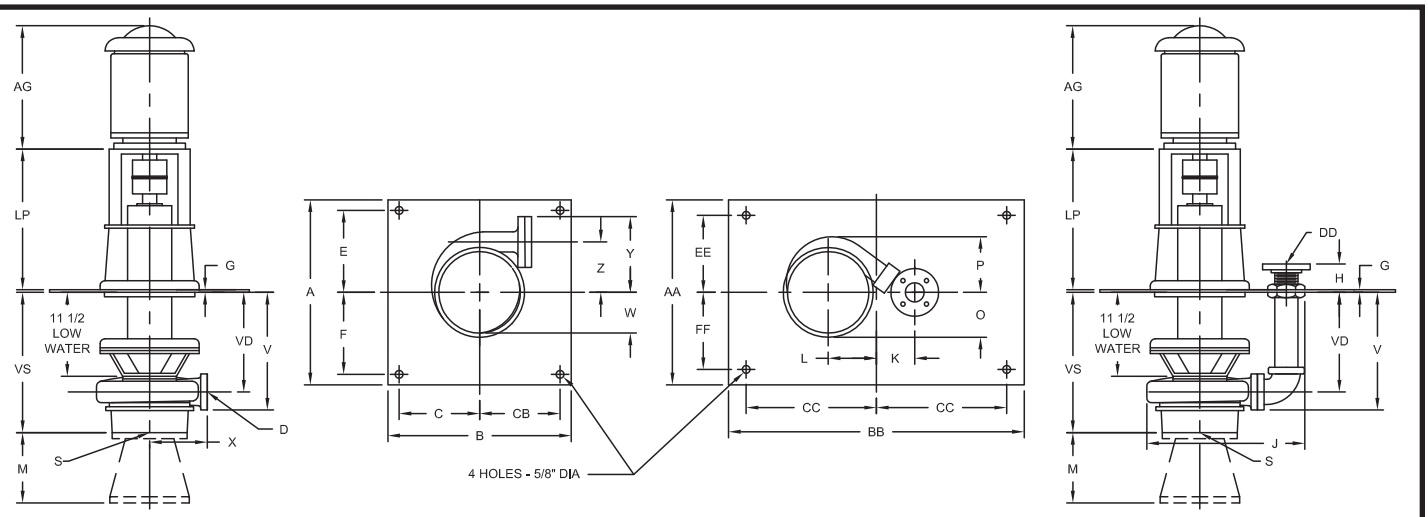
All Sizes - Fig. 5462H

Iron Construction
Bulletin 5460

DEMING®

www.cranepumps.com

Vertical Immersion and Process Pumps



Pump Size	1	1½	2½	1¼S	1½S	1½M	1½L	2S	2M	3S	3MD	4S	4MD	5MSD, 5MD	6MD, 6MLD
D (1)	1	1½	2½	1¼	1½	1½	1½	2	2	3	3	4	4	5	6
DD (1)	1	1½	2½	1½	2	2	2	2½	2½	3	3	4	4	5	6
H	3½	3½	4	3½	3½	3½	3½	4	4	5	5	5½	5½	5½	5½
J	14⅞	15½	20½	16⅝	16⅞	20⅜	22½	20⅛	20⅞	21	23¼	24⅛	26⅝	28¼	30¾
K	6¾	6¾	7¾	6¾	6¾	7¾	9¼	7¾	7¾	7¼	8½	8¾	9¼	9¼	10¼
L	3	3	4	3	3	4	3⅝	*4	*4	5	5	5	6½	6½	6
DD1 (2)	1½	2	3	2	2½	2½	2½	3	3	4	4	5	5	6	8
H1 (2)	3½	3½	5	3½	4	4	4	4	4	4½	4½	5½	5½	5½	6
J1 (2)	15¼	16⅜	20⅛	16⅞	17½	20½	22½	20¾	21⅞	21⅝	23⅞	24¾	27¼	28⅞	32⅝
K1 (2)	6¾	6¾	7⅛	6¾	7	7¾	8⅞	7¾	7¾	7¼	8½	8¾	9¼	9¼	10⅞
A	15	15	18	18	18	18	21	18	18	21	21	24	24	24	26
B	15	15	18	18	18	18	18	18	18	18	18	18	18	18	21
C	6½	6½	8	8	8	8	8	8	8	8	8	8	8	8	9½
CB	6½	6½	8	8	8	8	8	8	8	8	8	8	8	8	9½
E	7	7	9	9	9	9	11	9	9	11	11	13	13	13	14½
F	6	6	7	7	7	7	8	7	7	8	8	9	9	9	9½
AA	15	15	18	18	18	18	20	18	18	18	21	21	24	24	28
BB	21	21	26	26	26	26	26	26	26	26	30	30	36	36	42
CC	9½	9½	12	12	12	12	12	12	12	12	14	14	17	17	20
EE	6½	6½	8	8	8	8	9	8	8	8	9½	9½	11	11	13
FF	6½	6½	8	8	8	8	9	8	8	8	9½	9½	11	11	13
G	⅜	⅜	½	½	½	½	½	½	½	½	½	½	⅝	⅝	⅝
M	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	4	4½	5½	5⅜	5⅜	6⅜	7½	5¾	6½	6	7	6⅛	7½	7½	8
P	4⅛	4⅜	5⅞	5½	5¾	7	8	6⅛	7	6½	7½	8	8⅛	9¼	11¼
S	1½	2	3	1½	2	2	2	2½	3	4	4	5	5	6	6
V	--	--	--	--	--	--	--	--	--	17¾	17¾	18⅝	18⅝	19⅝	19¾
VD	13⅜	13½	13⅞	13⅜	13½	13½	13½	13⅜	13⅜	14	14	14⅛	14⅛	14⅛	14¼
VS	15⅜	16	16¼	15½	15⅝	15¾	15¾	15⅞	16	17¾	17¾	18⅝	18⅝	19⅝	19¾
W	4⅛	4⅛	5	5	5⅛	6⅛	7⅛	5⅜	6¼	5½	6½	6⅜	6⅞	7½	8⅝
X	4¼	5½	6¼	5½	5¾	6½	7½	6¼	7	7	8	7	9	9	9
Y	4½	5¼	6¾	6⅛	6¼	7¼	8¼	6½	7½	9	10	10½	11	12⅛	13½
Z	3½	3¾	4¾	4¾	4¾	5¾	6¾	4¾	5¾	5¼	6¼	6	6½	7⅛	8

NOTES: (1) Pumps with D or DD dimensions 3" and larger have 125# ANSI flanged connections. Smaller sizes are threaded.
(2) Dimensions apply to optional larger discharge pipe assemblies. Dimension H1 may vary somewhat from that shown
(*) 2S, 2M pump with optional 3" discharge pipe, L dimension is 5".

APPROXIMATE MOTOR DIMENSIONS

Motor Frame	56	143	145	182	184	213	215	254	256	284	286	324	326	364	365	404	405
Type	C	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC	TSC	TSC	TSC	TSC	TSC	TSC
AG	13⅝	10⅜	11⅜	12¾	13¾	15⅛	16¾	18⅜	20⅛	20	21½	22	23½	27¼	28¼	30	31
LP	9¾			10¾						12⅝		13 7/16					

Customer				Shop Order No.			Date:		By:	
Pump Data	Fig. No.	Size	Curve No.	GPM	Head	Sp. Gr.	Temp.	Rotation	Packing/Seal	
Motor Data	MFGR	Hp	RPM	Phase-Cycle Voltage		Frame	Enclosure	Insulation	Furnished by	Mounted

CRANE®
A Crane Co. Company

PUMPS & SYSTEMS

USA: (937) 778-8947 • Canada: (905) 457-6223 • International: (937) 615-3598

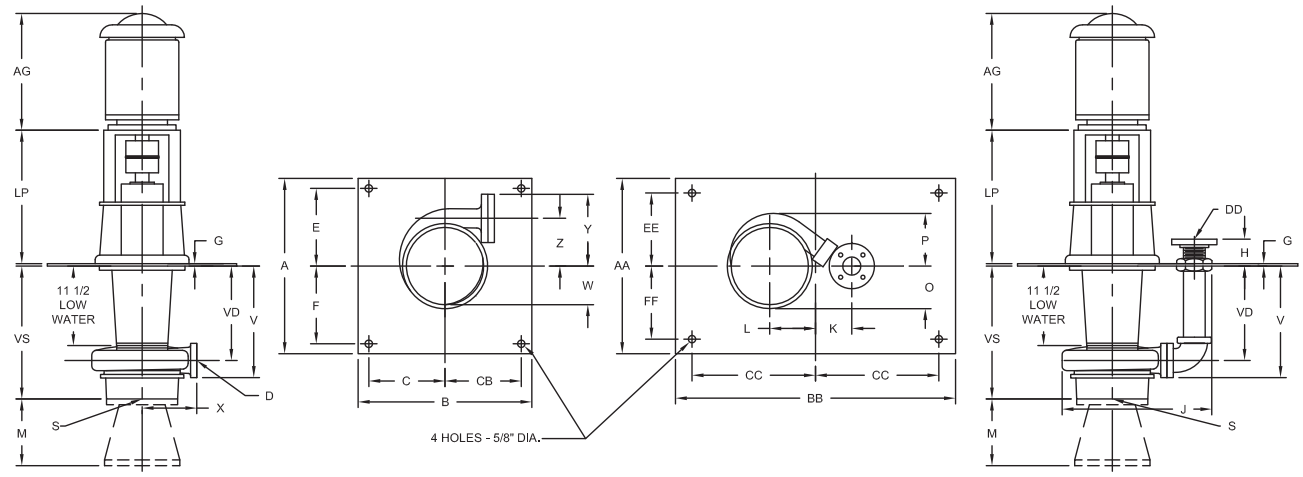
DEMING®

www.cranepumps.com

All Sizes - Fig. 5562H

Iron Construction
Bulletin 5460

Vertical Immersion and Process Pumps



Pump Size	1	1½	2½	1¼S	1½S	1½M	1½L	2S	2M	3S	3MD	4S	4MD	5MSD, 5MD	6MD, 6MLD
D (1)	1	1½	2½	1¼	1½	1½	1½	2	2	3	3	4	4	5	6
DD (1)	1	1½	2½	1½	2	2	2	2½	2½	3	3	4	4	5	6
H	3½	3½	4	3½	3½	3½	3½	4	4	5	5	5½	5½	5½	5½
J	14⅞	15½	20½	16⅝	16⅞	20⅜	22½	20⅛	20⅞	21	23¼	24⅛	26⅝	28¼	30¾
K	6¾	6¾	7¾	6¾	6¾	7¾	9¼	7¾	7¾	7¼	8½	8¾	9¼	9¼	10¼
L	3	3	4	3	3	4	3⅝	*4	*4	5	5	5	6½	6½	6
DD1 (2)	1½	2	3	2	2½	2½	2½	3	3	4	4	5	5	6	8
H1 (2)	3½	3½	5	3½	4	4	4	4	4	4½	4½	5½	5½	5½	6
J1 (2)	15¼	16¾	20⅛	16⅞	17½	20½	22½	20¾	21⅞	21⅝	23⅞	24¾	27¼	28⅞	32⅝
K1 (2)	6¾	6¾	7⅛	6¾	7	7¾	8⅞	7¾	7¾	7¼	8½	8¾	9¼	9¼	10⅞
A	15	15	18	18	18	18	21	18	18	21	21	24	24	24	26
B	15	15	18	18	18	18	18	18	18	18	18	18	18	18	21
C	6½	6½	8	8	8	8	8	8	8	8	8	8	8	8	9½
CB	6½	6½	8	8	8	8	8	8	8	8	8	8	8	8	9½
E	7	7	9	9	9	9	11	9	9	11	11	13	13	13	14½
F	6	6	7	7	7	7	8	7	7	8	8	9	9	9	9½
AA	15	15	18	18	18	18	20	18	18	18	21	21	24	24	28
BB	21	21	26	26	26	26	26	26	26	26	30	30	36	36	42
CC	9½	9½	12	12	12	12	12	12	12	12	14	14	17	17	20
EE	6½	6½	8	8	8	8	9	8	8	8	9½	9½	11	11	13
FF	6½	6½	8	8	8	8	9	8	8	8	9½	9½	11	11	13
G	⅜	⅜	½	½	½	½	½	½	½	½	½	½	⅝	⅝	⅝
M (3)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	4	4½	5½	5⅜	5⅜	6⅜	7½	5¾	6½	6	7	6⅛	7½	7½	8
P	4⅛	4⅜	5⅞	5½	5¾	7	8	6⅛	7	6½	7½	8	8⅛	9¼	11¼
S	1½	2	3	1½	2	2	2	2½	3	4	4	5	5	6	6
V (4)	--	--	--	--	--	--	--	--	--	17¾	17¾	18⅝	18⅝	19⅝	19¾
VD (4)	13⅜	13½	13⅞	13⅜	13½	13½	13½	13⅜	13⅝	14	14	14⅛	14⅛	14⅛	14¼
VS (4)	15⅜	16	16¼	15½	15⅝	15¾	15¾	15⅞	16	19¾	19¾	20¼	20¼	19⅝	19¾
W	4⅛	4⅛	5	5	5⅛	6⅛	7⅛	5⅜	6¼	5½	6½	6⅜	6⅞	7½	8⅝
X	4¼	5½	6¼	5½	5¾	6½	7½	6¼	7	7	8	7	9	9	9
Y	4½	5¼	6¾	6⅛	6¼	7¼	8¼	6½	7½	9	10	10½	11	12⅛	13½
Z	3½	3¾	4¾	4¾	4¾	5¾	6¾	4¾	5¾	5¼	6¼	6	6½	7⅛	8

NOTES: (1) Pumps have 125# ANSI flanged connections.

(2) Dimensions apply to optional larger discharge pipe assemblies where available. Dimension H1 may vary somewhat from that shown
(3) Suction Bell, when specified.
(4) Dimensions shown are for 12" column length. For 9" column deduct 3". For 15" column add 3", adjust "low water" dimension according to column length
(*) 2S, 2M pumps with optional 3" discharge pipe, L dimension is 5".

APPROXIMATE MOTOR DIMENSIONS

Motor Frame	56	143	145	182	184	213	215	254	256	284	286	324	326	364	365	404	405
Type	C	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC	TSC	TSC	TSC	TSC	TSC	TSC
AG	13⅜	10⅜	11⅜	12¾	13¾	15⅛	16¾	18⅜	20⅛	20	21½	22	23½	27¼	28¼	30	31
LP	18¾			20¼						21		21 7/16					

Customer				Shop Order No.			Date:		By:	
Pump Data	Fig. No.	Size	Curve No.	GPM	Head	Sp. Gr.	Temp.	Rotation	Packing/Seal	
Motor Data	MFGR	Hp	RPM	Phase-Cycle Voltage		Frame	Enclosure	Insulation	Furnished by	Mounted

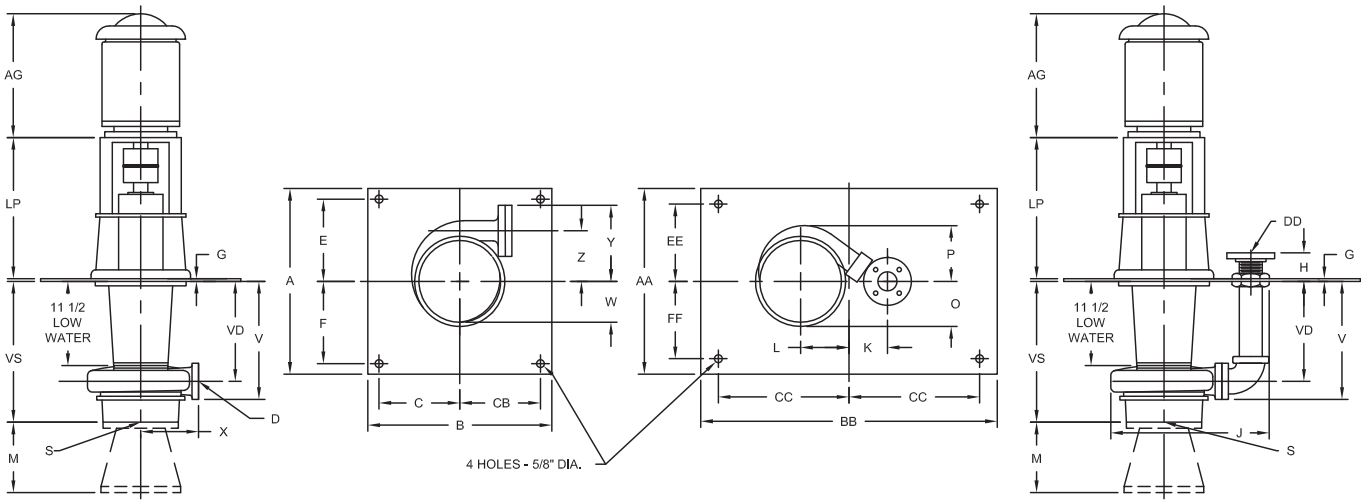
All Sizes - Fig. 5564

Iron Construction
Bulletin 5460

DEMING®

www.cranepumps.com

Vertical Immersion and Process Pumps



Pump Size	4 x 4	6 x 4	6 x 6	8 x 6	8 x 8	10 x 10
D (1)	4	4	6	6	8	10
DD (1)	4	4	6	6	8	10
H	5⅛	5⅛	7⅛	7	6⅝	8⅛
J	28¼	28¼	30½	31¾	38⅝	42⅛
K	11½	10⅞	9⅜	10½	12½	13¾
L	4¾	5⅜	7	7	8	8
DD1	--	--	--	--	--	--
H1	--	--	--	--	--	--
J1	--	--	--	--	--	--
K1	--	--	--	--	--	--
A	30	30	30	32	36	36
B	21	21	21	24	26	26
C	10	10	10	11	14	14
CB	9	9	9	11	10	10
E	16	16	16	17	20	20
F	12	12	12	13	14	14
AA	24	24	26	26	32	32
BB	32	36	42	42	48	48
CC	15	17	20	20	23	23
EE	12	12	13	13	17	17
FF	10	10	11	11	13	13
G	⅝	⅝	⅝	⅝	⅝	⅝
M (2)	6	8	8	9⅜	9⅜	10
O	8	8¼	8⅝	9⅛	11	11
P	9¼	9½	10¼	11	15	15
S	4	6	6	8	8	10
V (3)	18⅛	19⅛	20⅜	20½	21⅞	24⅛
VD (3)	14⅜	14⅝	14⅞	15	15⅛	16⅛
VS (3)	16⅞	17⅜	18⅛	18½	19⅝	21⅝
W	8¾	9½	9½	10	11¾	11¾
X	9	9	9	9½	11	11
Y	12⅛	12¼	13⅞	14⅜	17¼	18⅝
Z	7⅝	7¾	8⅜	8⅞	10½	10⅝

NOTES: (1) Pumps have 125# ANSI flanged connections.
(2) Suction Bell, when specified.
(3) Dimensions shown are for 12" column length. For 9" column deduct 3". For 15" column add 3", adjust "low water" dimension according to column length.

APPROXIMATE MOTOR DIMENSIONS

Motor Frame	56	143	145	182	184	213	215	254	256	284	286	324	326	364	365	404	405
Type	C	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC	TSC	TSC	TSC	TSC	TSC	TSC
AG	13⅝	10⅜	11⅜	12¾	13¾	15⅛	16¾	18⅜	20⅛	20	21½	22	23½	27¼	28¼	30	31
LP	18¾			20¼						21		21 7/16					

Customer				Shop Order No.			Date:		By:	
Pump Data	Fig. No.	Size	Curve No.	GPM	Head	Sp. Gr.	Temp.	Rotation	Packing/Seal	
Motor Data	MFGR	Hp	RPM	Phase-Cycle Voltage		Frame	Enclosure	Insulation	Furnished by	Mounted

CRANE®
A Crane Co. Company

PUMPS & SYSTEMS

USA: (937) 778-8947 • Canada: (905) 457-6223 • International: (937) 615-3598

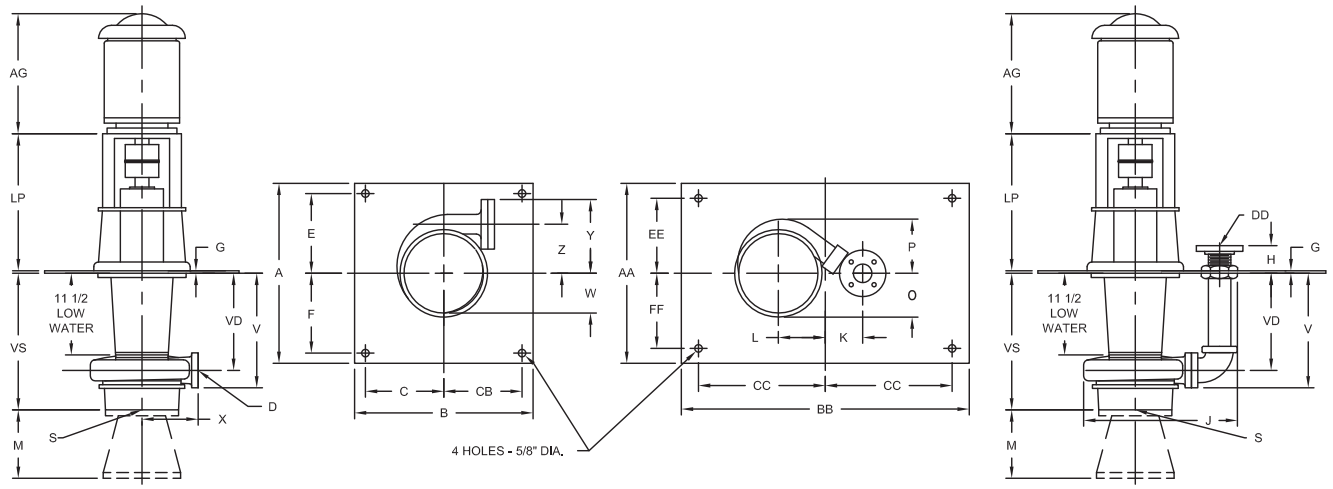
DEMING®

www.cranepumps.com

All Sizes - Fig. 5562H

Alloy Construction
Bulletin 5460

Vertical Immersion and Process Pumps



Pump Size	1	1½	1S	1½S	1½M	1½L	2S	2M	3MD	4S	4MD	5MSD, 5MD	6MD, 6MLD
D (1)	1	1½	1	1½	1½	1½	2	2	3	4	4	5	6
DD (1)	1	1½	1	2	2	2	2½	2½	3	4	4	5	6
H	3¾	3½	4	3¾	3⅝	3⅝	4⅜	4½	5⅛	5½	5⅝	5⅝	5⅝
J	14⅜	15⅞	17¼	18½	20⅝	22⅞	20⅛	21	23¼	24⅛	26⅜	27⅞	30⅛
K	6¼	6⅞	7½	8⅜	8⅜	10⅛	8¼	9⅜	8½	8¾	9¼	9¼	10¼
L	3	3	3	3	4	3⅝	*4	*4	5	5	6½	6½	6
DD1 (2)	1½	2	1½	2½	2½	2½	3	3	4	5	5	6	8
H1 (2)	6¾	3⅝	6⅝	4⅝	4½	4½	4¼	4¾	4½	5½	5½	5⅝	5⅞
J1 (2)	15⅜	16⅞	17½	19¼	21⅜	23¾	20⅞	22⅞	24	24¾	27	28⅜	32¼
K1 (2)	6¾	7⅜	7⅞	8¾	8⅛	10⅝	7¾	8¾	8½	8¾	9¼	9¼	10⅛
A	15	15	18	18	18	21	18	18	21	24	24	24	26
B	15	15	18	18	18	18	18	18	18	18	18	18	21
C	6½	6½	8	8	8	8	8	8	8	8	8	8	9½
CB	6½	6½	8	8	8	8	8	8	8	8	8	8	9½
E	7	7	9	9	9	11	9	9	11	13	13	13	14½
F	6	6	7	7	7	8	7	7	8	9	9	9	9½
AA	15	15	18	18	18	20	18	18	18	21	24	24	28
BB	21	21	26	26	26	26	26	26	26	30	36	36	42
CC	9½	9½	12	12	12	12	12	12	12	14	17	17	20
EE	6½	6½	8	8	8	9	8	8	8	9½	11	11	13
FF	6½	6½	8	8	8	9	8	8	8	9½	11	11	13
G	⅜	⅜	½	½	½	½	½	½	½	½	⅝	⅝	⅝
M (3)	--	--	--	--	--	--	--	--	--	--	--	--	--
O	4	4¼	5⅛	5⅛	6¼	7⅜	5½	6¼	6½	6⅛	6¾	7⅛	8
P	4⅜	5	5¼	5⅝	6½	7½	6	7	7½	7¾	8	9⅛	10⅞
S	1½	2	1½	2	2	2	3	3	4	5	5	6	6
V (4)	15⅛	16⅛	15⅝	16⅛	16⅛	16⅛	16¾	16⅝	17¾	18⅛	18¾	19¼	19⅞
VD (4)	13⅜	13⅜	13½	13⅜	13⅝	13⅜	13¾	13⅜	14⅛	14⅜	14¼	14¼	14⅜
VS (4)	16⅝	16⅞	16¾	17¼	17¼	17⅜	17¼	17½	18¾	20¼	20¼	20⅛	20⅜
W	4⅛	4½	5¼	5⅛	6⅛	7⅛	5½	6¼	6¾	6⅜	6⅞	7½	8½
X	5	5	6	5¾	6½	7½	6¼	7	8	7	9	9	9
Y	5¾	6½	6⅝	7¼	8¼	9¼	7¾	8¾	10	10½	11	12⅛	13½
Z	3⅝	4	4½	4¾	5¾	6¾	4¾	5¾	6¼	6	6½	7⅛	8

NOTES: (1) Pumps have 125# ANSI flanged connections.
(2) Dimensions apply to optional larger discharge pipe assemblies where available. Dimension H1 may vary somewhat from that shown
(3) Suction Bell, when specified.
(4) Dimensions shown are for 12" column length. For 9" column deduct 3". For 15" column add 3", adjust "low water" dimension according to column length
(*) 2S, 2M pumps with optional 3" discharge pipe, L dimension is 5".

APPROXIMATE MOTOR DIMENSIONS

Motor Frame	56	143	145	182	184	213	215	254	256	284	286	324	326	364	365	404	405
Type	C	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC	TSC	TSC	TSC	TSC	TSC	TSC
AG	13⅜	10⅜	11⅜	12¾	13¾	15⅛	16¾	18⅜	20⅛	20	21½	22	23½	27¼	28¼	30	31
LP	18¾			20¼						21		21 7/16					

Customer				Shop Order No.			Date:		By:	
Pump Data	Fig. No.	Size	Curve No.	GPM	Head	Sp. Gr.	Temp.	Rotation	Packing/Seal	
Motor Data	MFGR	Hp	RPM	Phase-Cycle Voltage		Frame	Enclosure	Insulation	Furnished by	Mounted

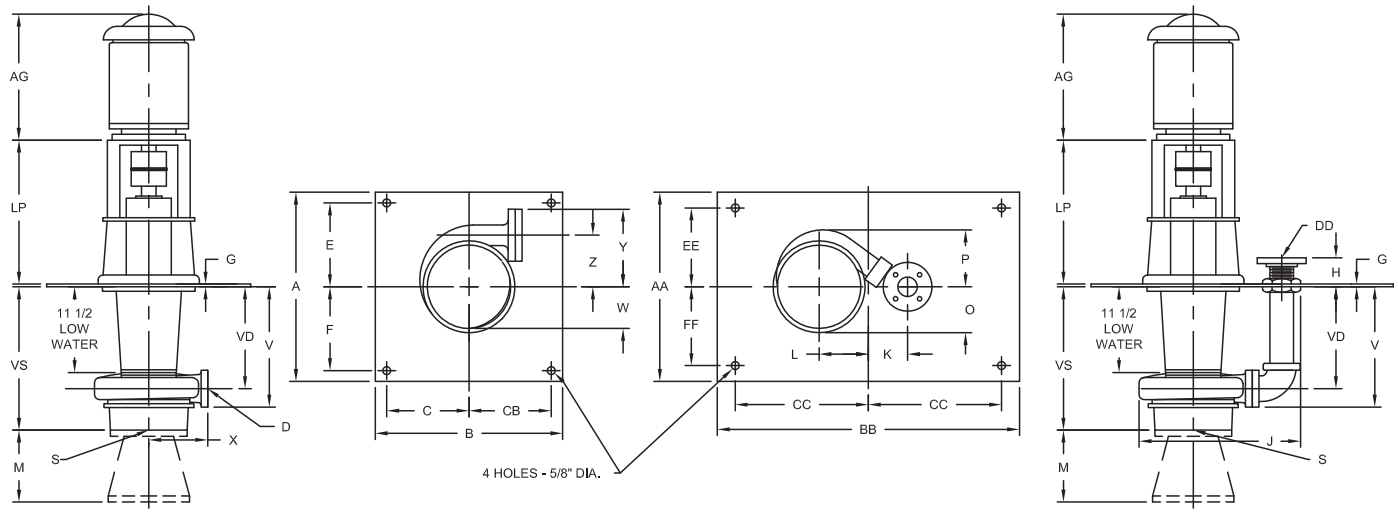
All Sizes - Fig. 5564

Alloy Construction
Bulletin 5460

DEMING®

www.cranepumps.com

Vertical Immersion and Process Pumps



Pump Size	4 x 4	6 x 4	6 x 6	8 x 6	8 x 8
D (1)	4	4	6	6	8
DD (1)	4	4	6	6	8
H	6¼	6¼	7¾	7¾	6⅞
J	28¼	28¼	30¼	30½	38⅝
K	11½	10⅞	9⅜	10⅛	12½
L	4¾	5⅜	7	7	8
DD1	--	--	--	--	--
H1	--	--	--	--	--
J1	--	--	--	--	--
K1	--	--	--	--	--
A	30	30	30	32	36
B	21	21	21	24	26
C	10	10	10	11	14
CB	9	9	9	11	10
E	16	16	16	17	20
F	12	12	12	13	14
AA	24	24	26	26	32
BB	32	36	42	42	48
CC	15	17	20	20	23
EE	12	12	13	13	17
FF	10	10	11	11	13
G	⅝	⅝	⅝	⅝	⅝
M (2)	6	8	8	8	9⅜
O	7⅞	8	8⅝	8⅝	10½
P	9⅜	9¾	10¼	10¼	14
S	4	6	6	8	8
V (3)	18⅛	18⅛	19¾	19¾	21¾
VD (3)	13⅝	13⅝	14¼	14¼	15
VS (3)	15⅞	18⅜	17⅛	17⅛	18⅝
W	8¾	8¾	9½	9½	11¾
X	9	9	9	9	11
Y	12⅛	12¼	13⅞	13⅞	17¼
Z	7⅝	7¾	8⅜	8⅜	10½

NOTES: (1) Pumps have 125# ANSI flanged connections.
(2) Suction Bell, when specified.
(3) Dimensions shown are for 12" column length. For 9" column deduct 3". For 15" column add 3", adjust "low water" dimension according to column length.

APPROXIMATE MOTOR DIMENSIONS

Motor Frame	56	143	145	182	184	213	215	254	256	284	286	324	326	364	365	404	405
Type	C	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC	TSC	TSC	TSC	TSC	TSC	TSC
AG	13⅝	10⅜	11⅜	12¾	13¾	15⅛	16¾	18⅜	20⅛	20	21½	22	23½	27¼	28¼	30	31
LP	18¾			20¼						21		21 7/16					

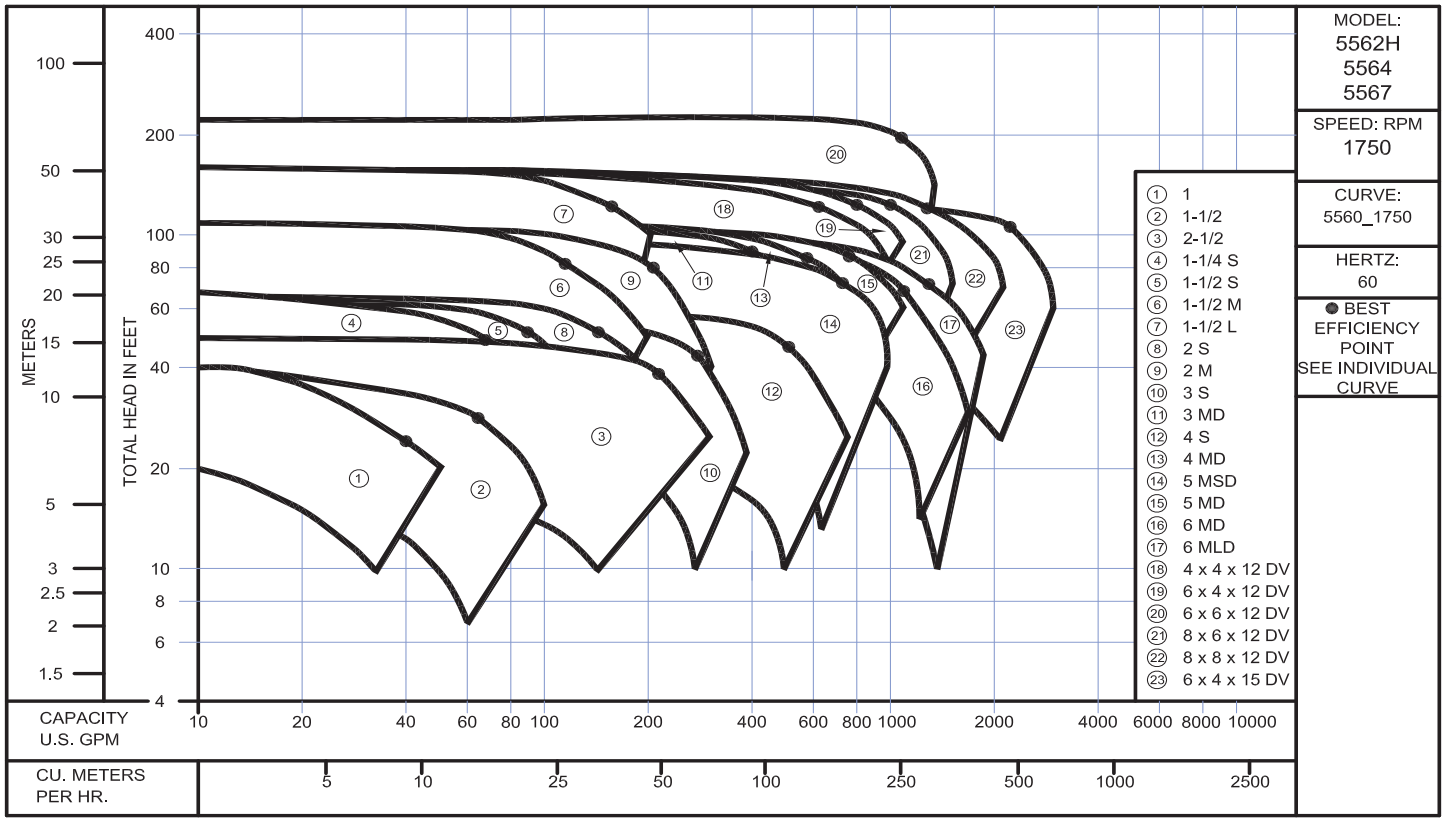
Customer				Shop Order No.			Date:		By:	
Pump Data	Fig. No.	Size	Curve No.	GPM	Head	Sp. Gr.	Temp.	Rotation	Packing/Seal	
Motor Data	MFGR	Hp	RPM	Phase-Cycle Voltage		Frame	Enclosure	Insulation	Furnished by	Mounted

CRANE®
A Crane Co. Company

PUMPS & SYSTEMS

USA: (937) 778-8947 • Canada: (905) 457-6223 • International: (937) 615-3598

Vertical Immersion and Process Pumps



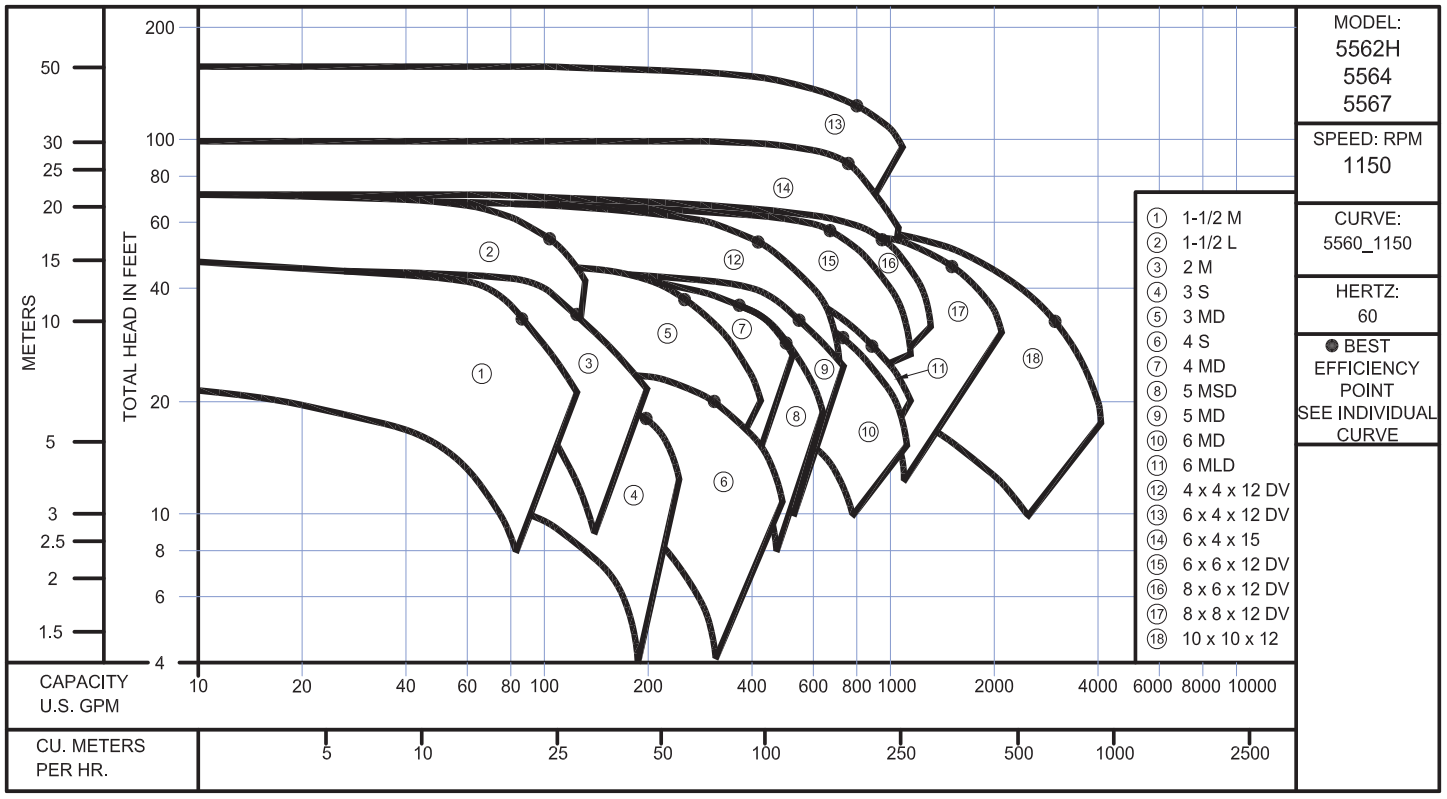
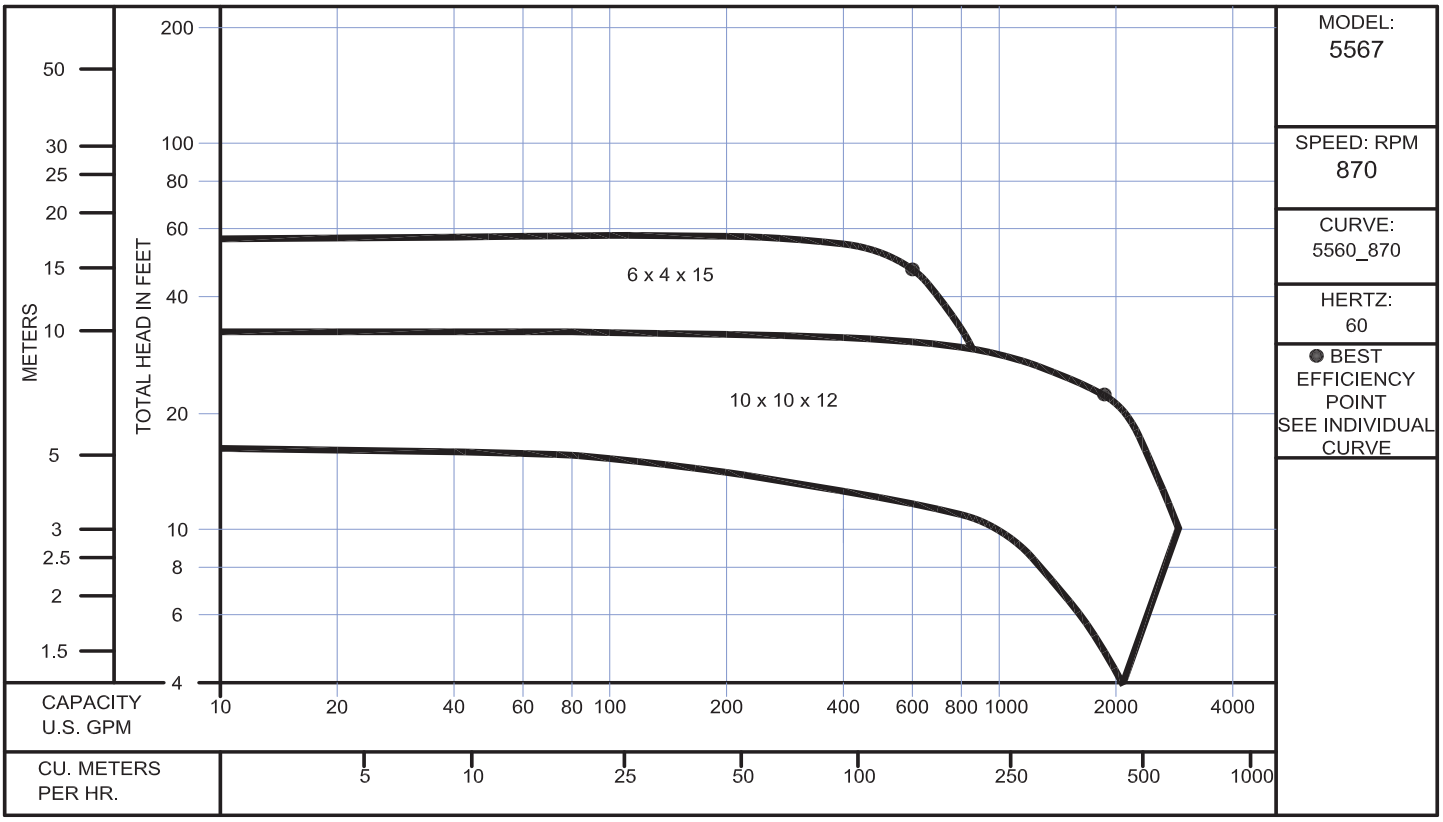


Fig. 5560

Selection Curves, 870RPM
Bulletin 5562

DEMING®
www.cranepumps.com

Vertical Immersion and Process Pumps



CRANE®
A Crane Co. Company

PUMPS & SYSTEMS

Curves shown performance with liquid having Specific Gravity - 1.0, Viscosity - 30 SSU

USA: (937) 778-8947 • Canada: (905) 457-6223 • International: (937) 615-3598

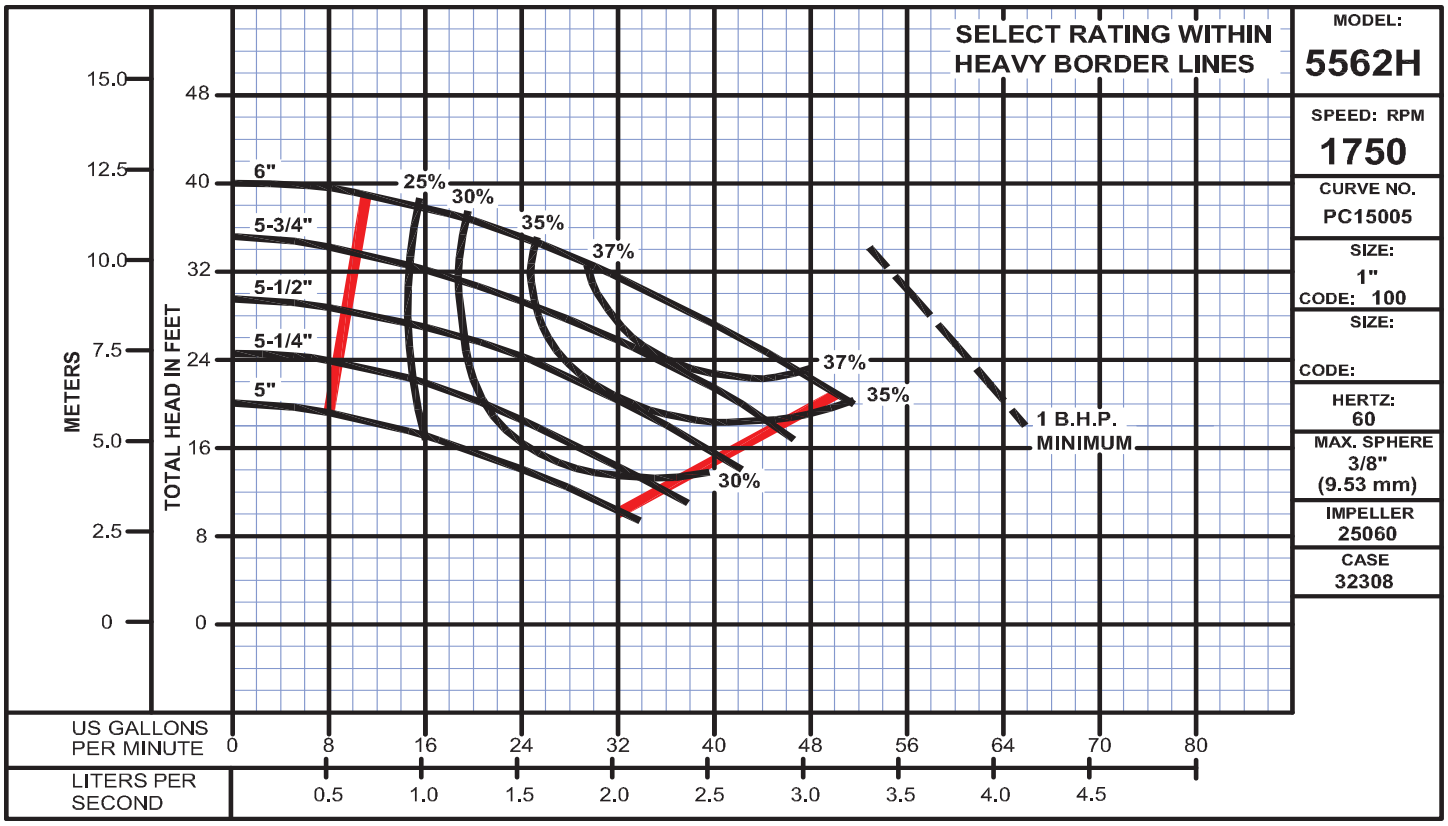
DEMING®

www.cranepumps.com

Fig. 5562H

Sizes: 1" & 1½", 1750RPM
Bulletin 5562

Vertical Immersion and Process Pumps



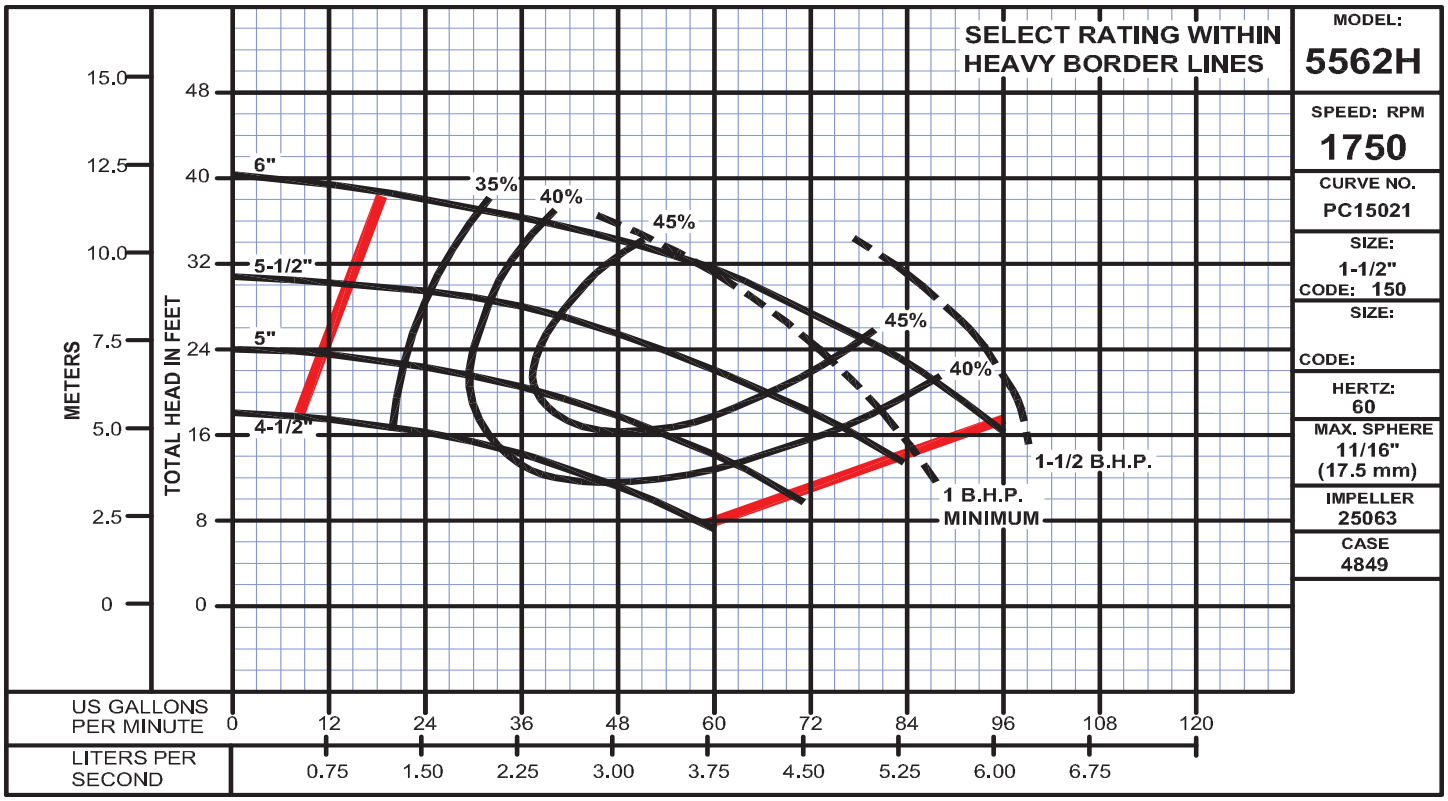


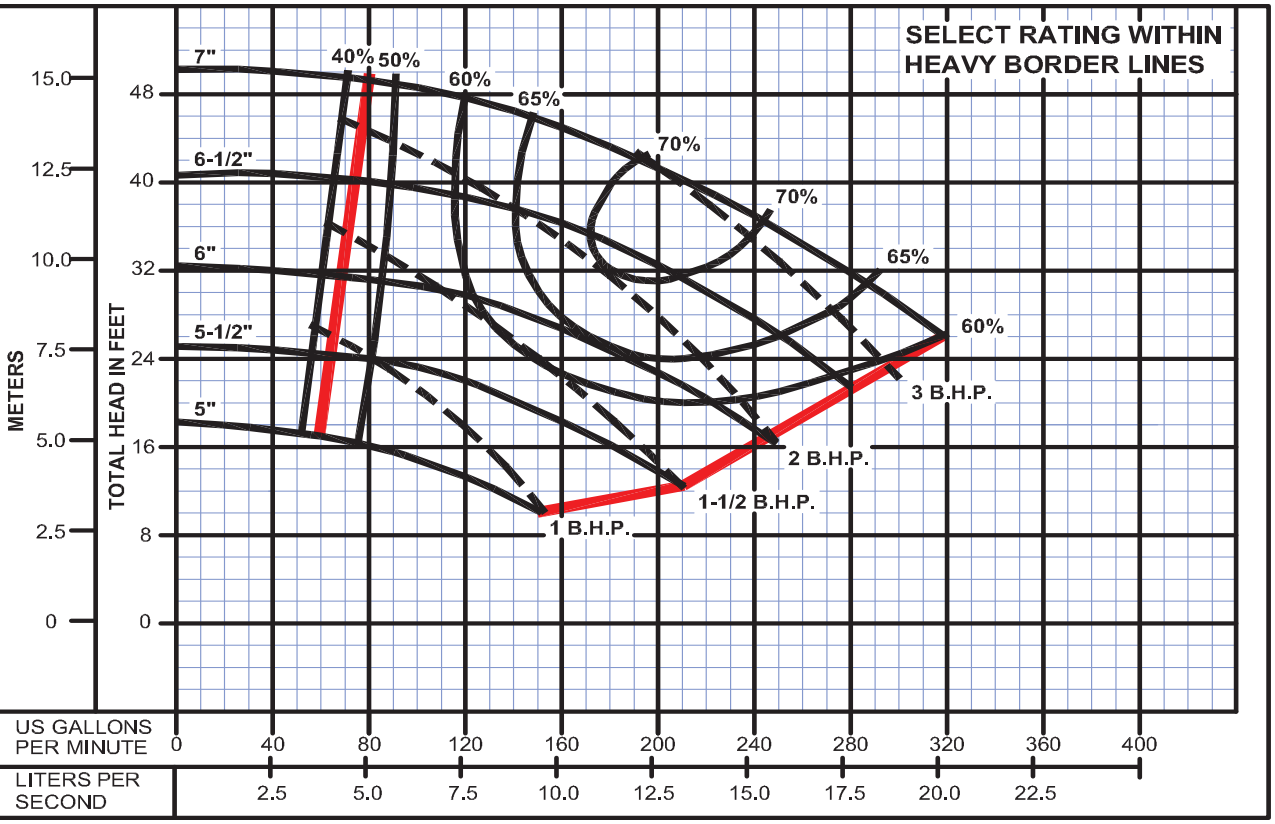
Fig. 5562H

Size: 2½", 1750RPM
Bulletin 5562

DEMING®
www.cranepumps.com

Vertical Immersion and Process Pumps

MODEL:	5562H
SPEED: RPM	1750
CURVE NO.	PC15037
SIZE:	2-1/2"
CODE:	
SIZE:	
CODE:	
HERTZ:	60
MAX. SPHERE	1-1/16" (28.6 mm)
IMPELLER	25055
CASE	41152



CRANE®
A Crane Co. Company

PUMPS & SYSTEMS

Curves shown performance with liquid having Specific Gravity - 1.0, Viscosity - 30 SSU

USA: (937) 778-8947 • Canada: (905) 457-6223 • International: (937) 615-3598

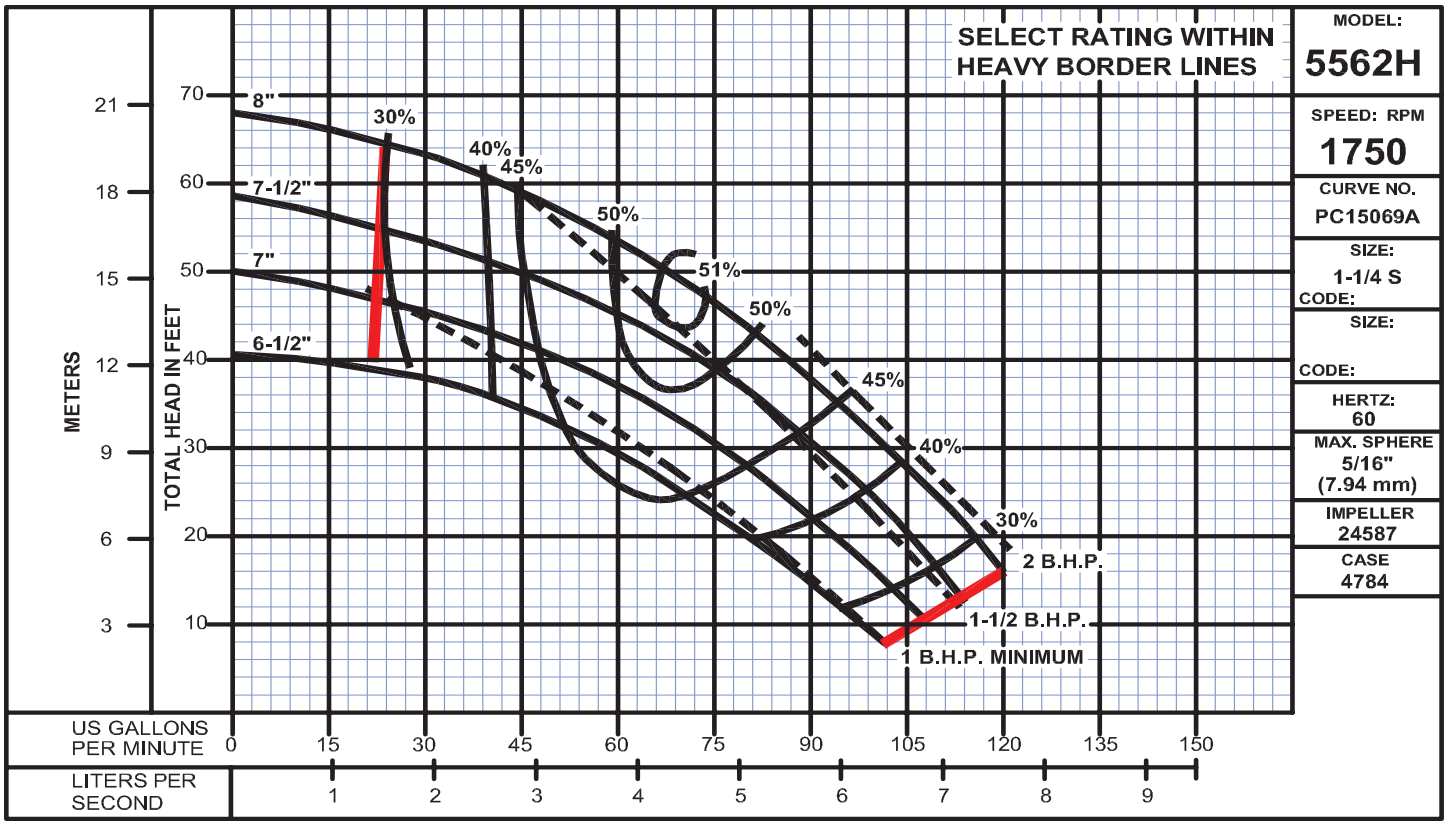
DEMING®

www.cranepumps.com

Fig. 5562H

Sizes: 1¼S & 1½S, 1750RPM
Bulletin 5562

Vertical Immersion and Process Pumps



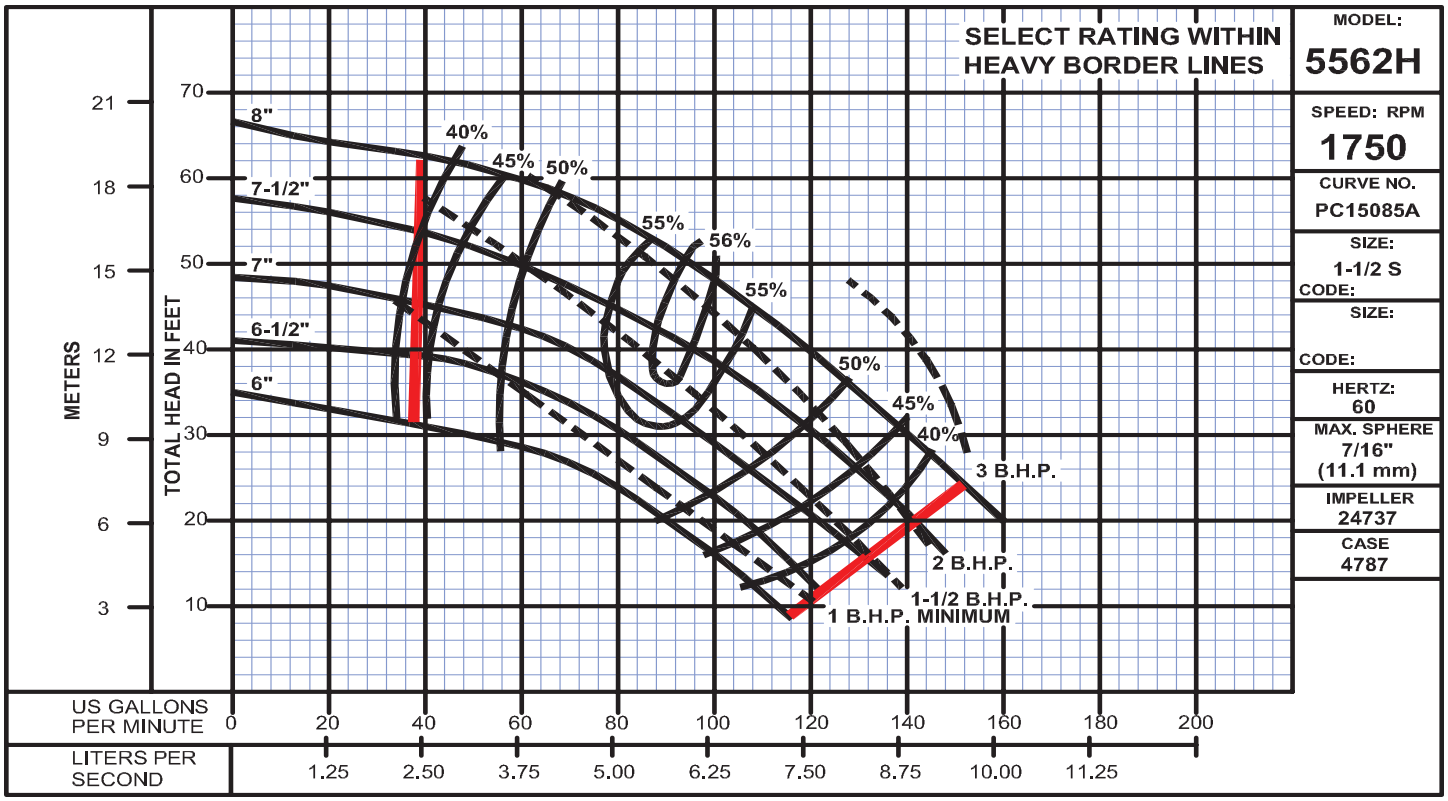
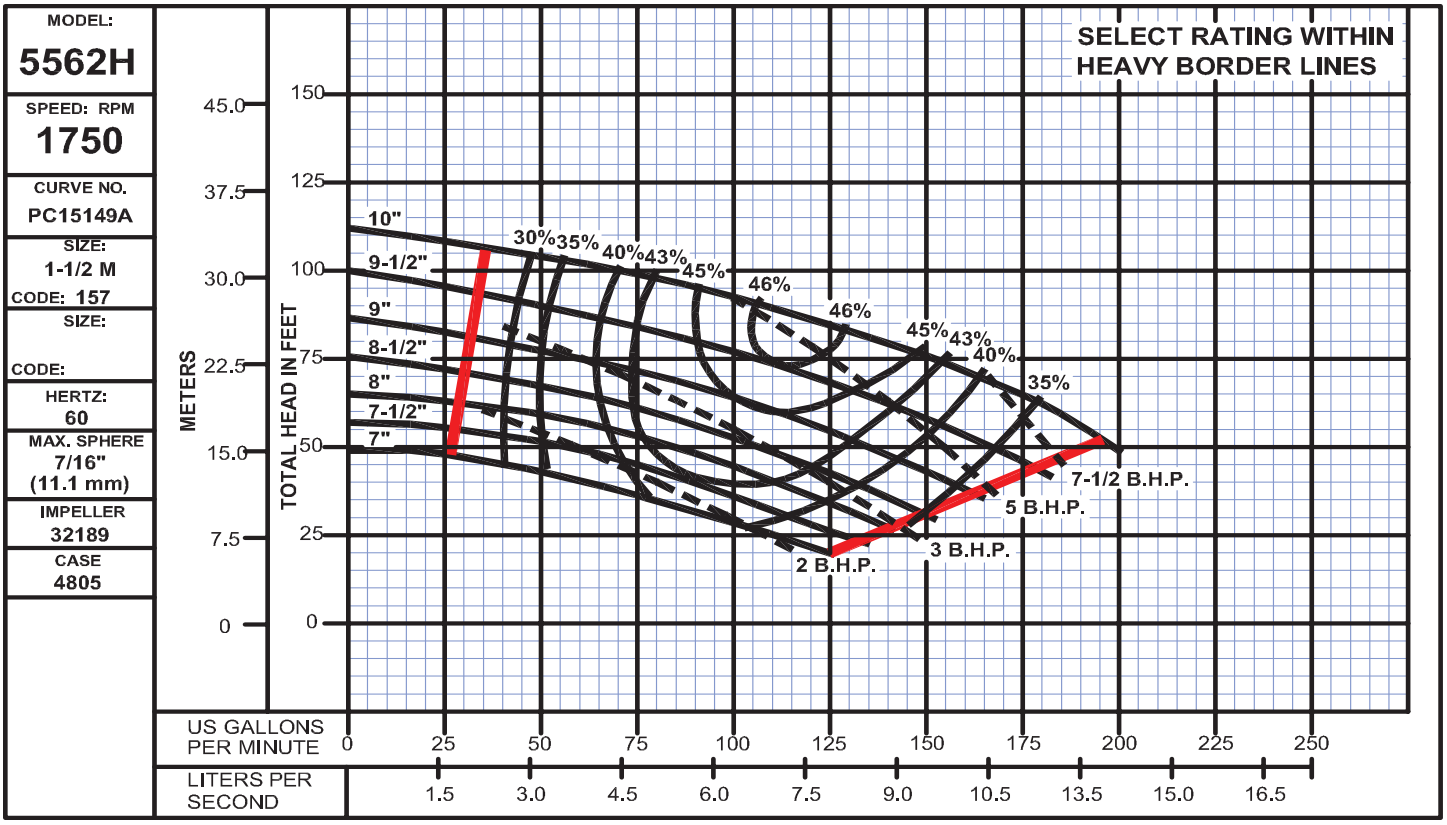


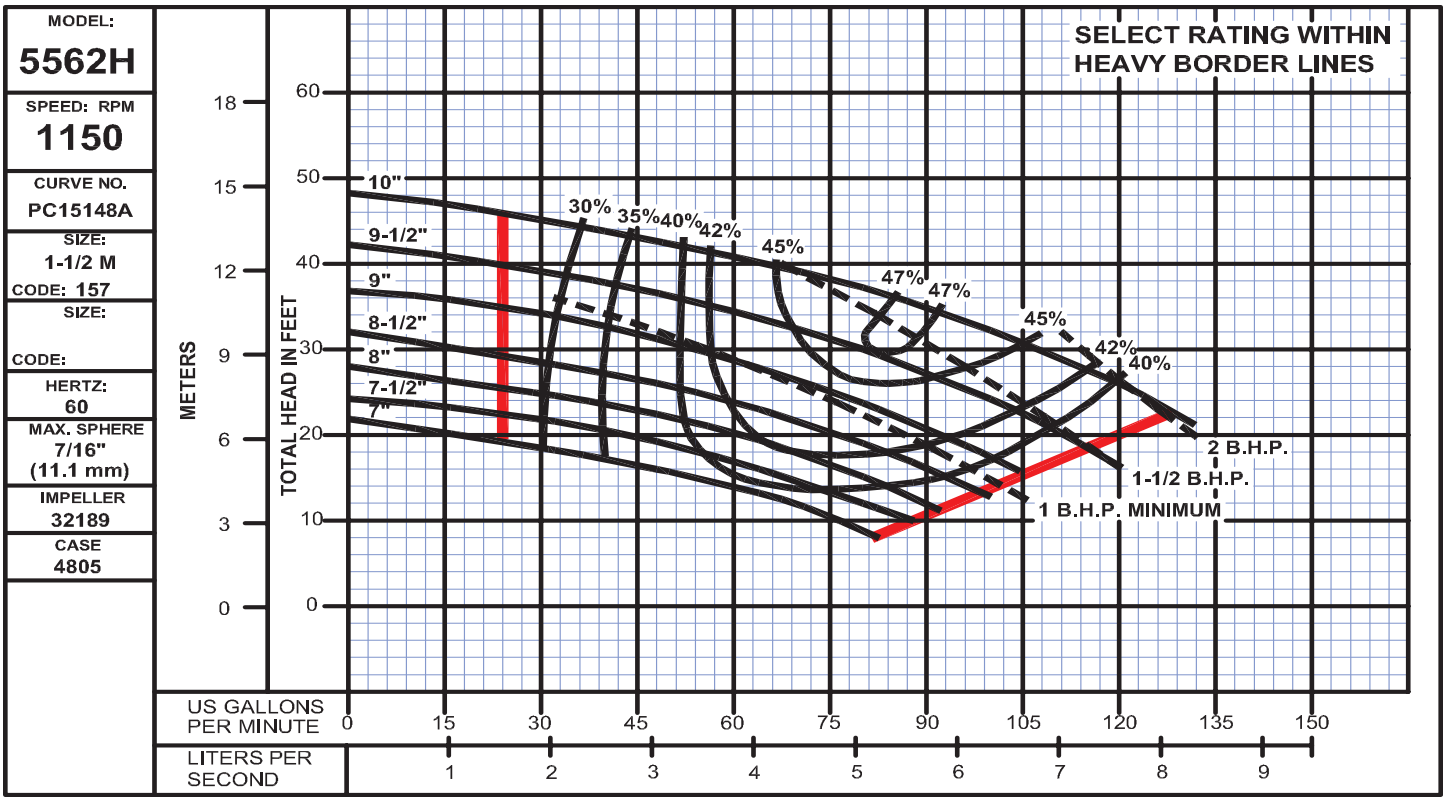
Fig. 5562H

Size: 1½ M, 1750 & 1150RPM
Bulletin 5562

DEMING®
www.cranepumps.com

Vertical Immersion and Process Pumps





CRANE®
A Crane Co. Company

PUMPS & SYSTEMS

Curves shown performance with liquid having Specific Gravity - 1.0, Viscosity - 30 SSU

USA: (937) 778-8947 • Canada: (905) 457-6223 • International: (937) 615-3598

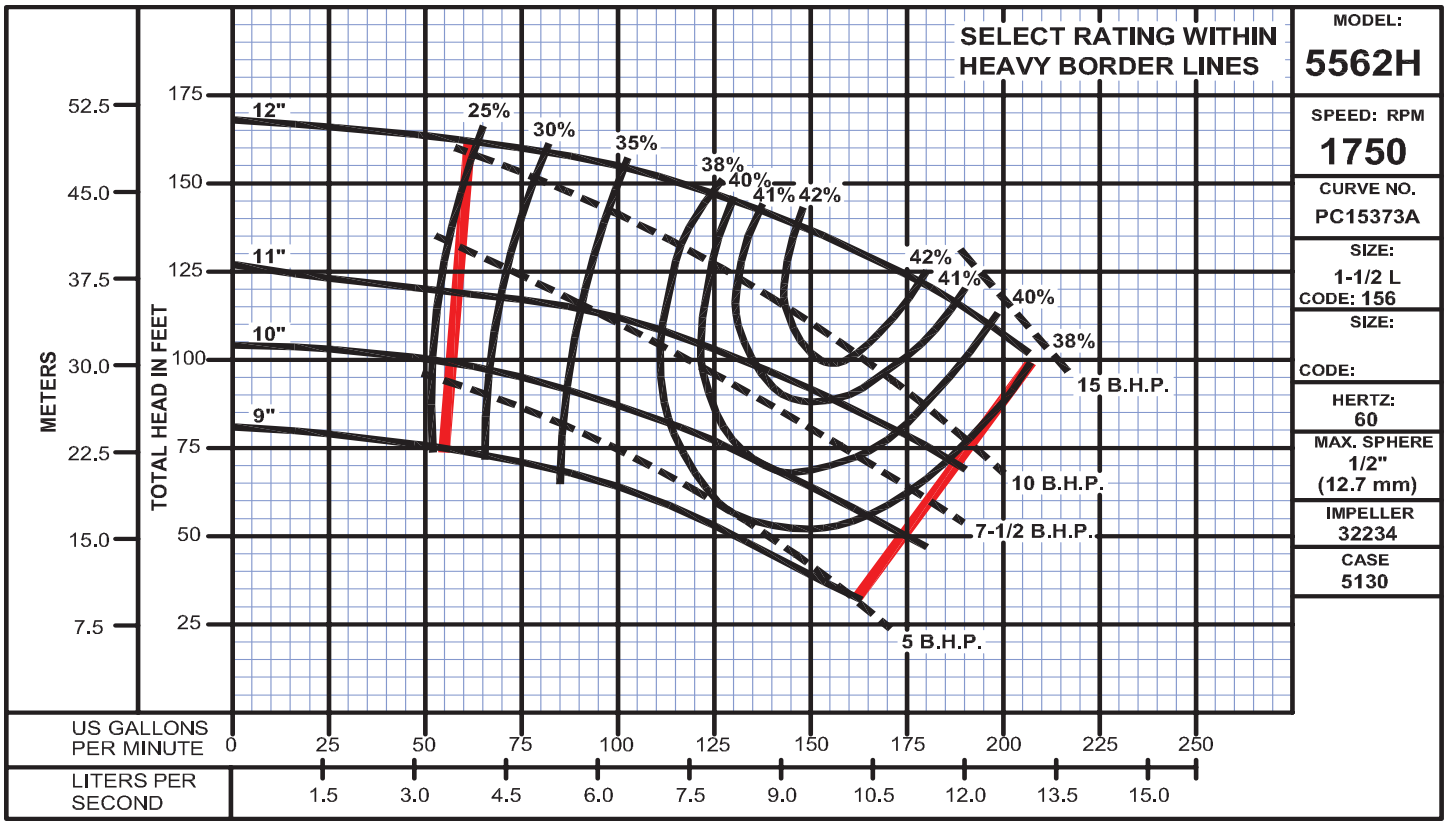
DEMING®

www.cranepumps.com

Fig. 5562H

Size: 1½ L, 1750 & 1150RPM
Bulletin 5562

Vertical Immersion and Process Pumps



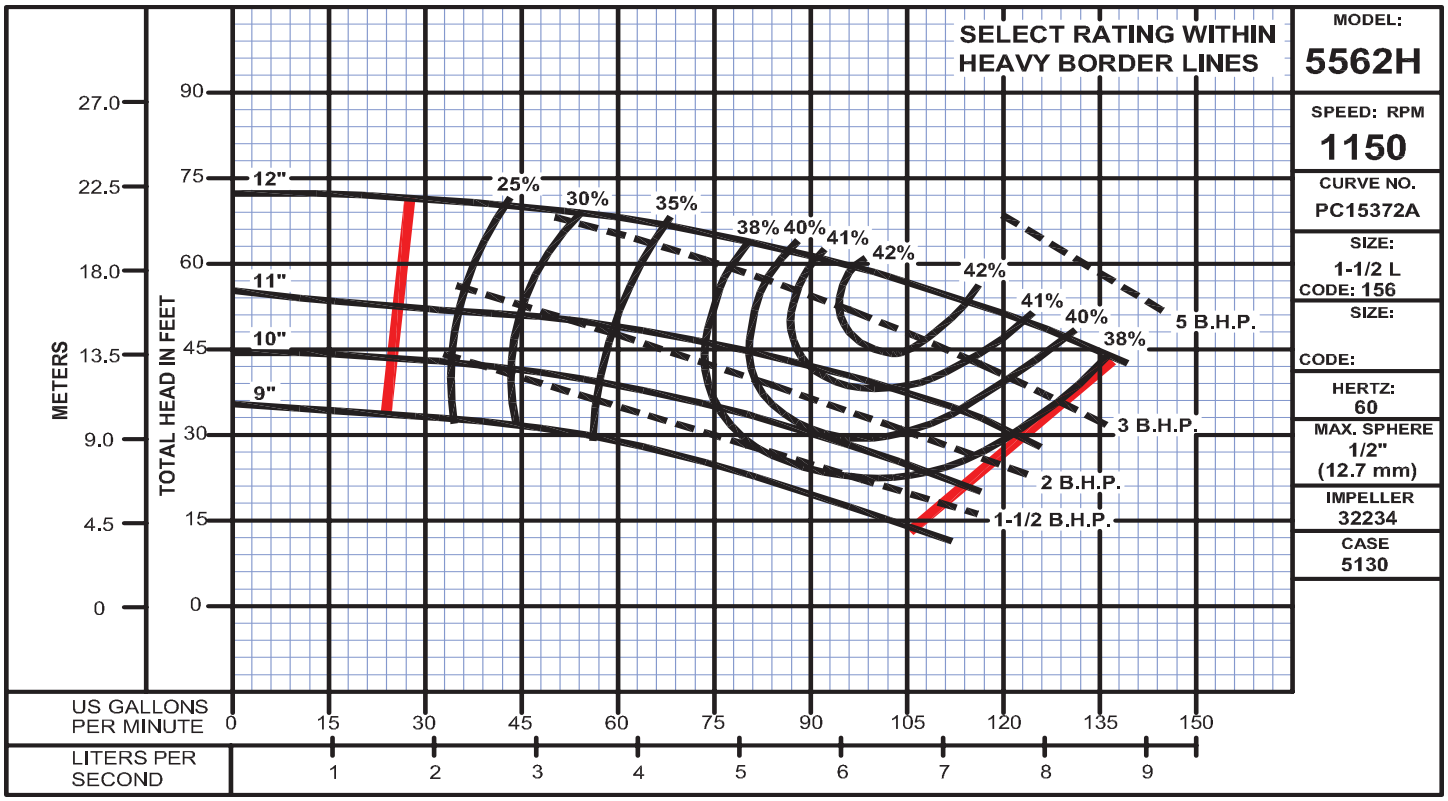
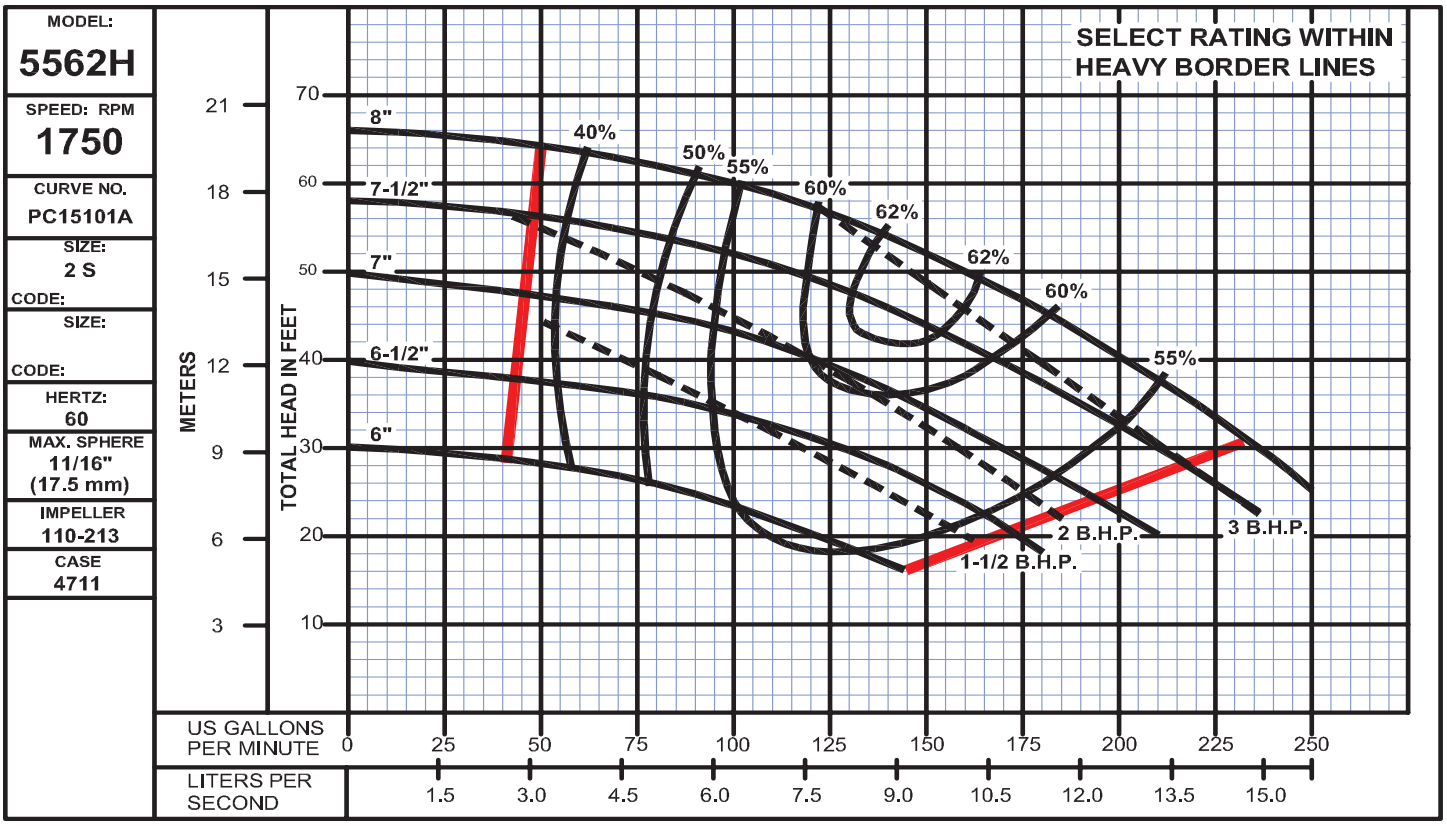


Fig. 5562H

Size: 2 S, 1750RPM
Bulletin 5562

DEMING®
www.cranepumps.com

Vertical Immersion and Process Pumps



CRANE®
A Crane Co. Company

PUMPS & SYSTEMS

Curves shown performance with liquid having Specific Gravity - 1.0, Viscosity - 30 SSU

USA: (937) 778-8947 • Canada: (905) 457-6223 • International: (937) 615-3598

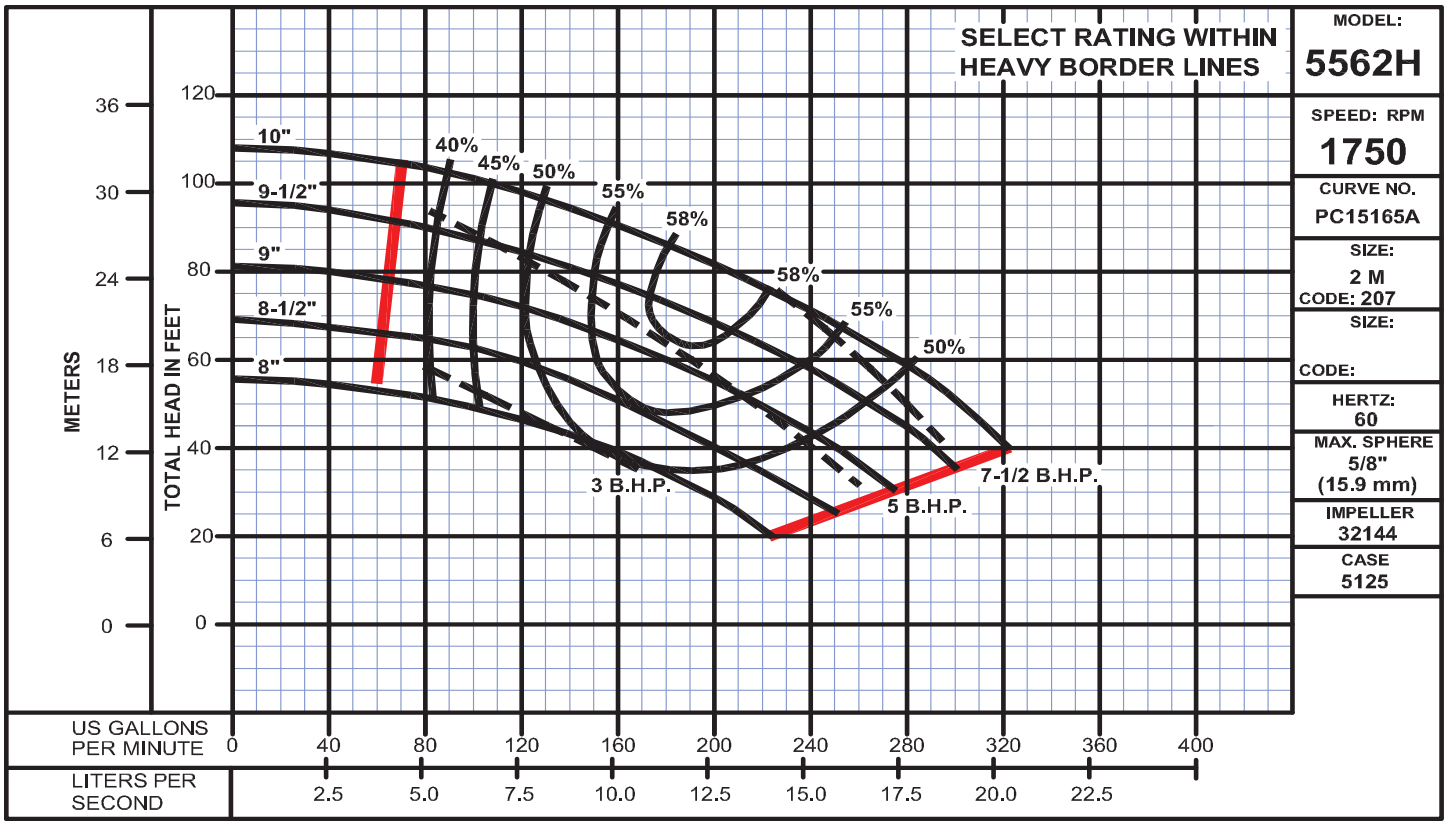
DEMING®

www.cranepumps.com

Fig. 5562H

Size: 2 M, 1750 & 1150RPM
Bulletin 5562

Vertical Immersion and Process Pumps



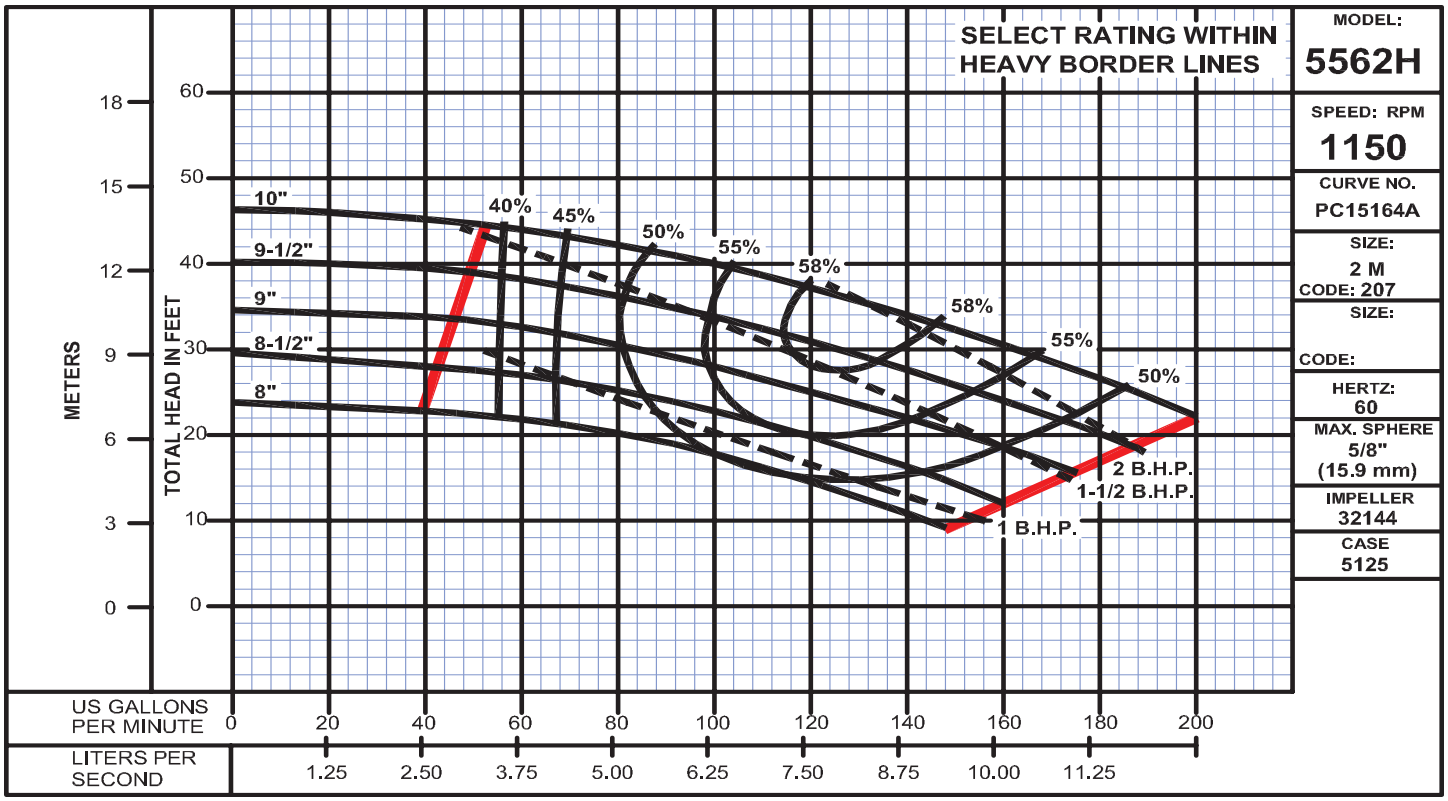
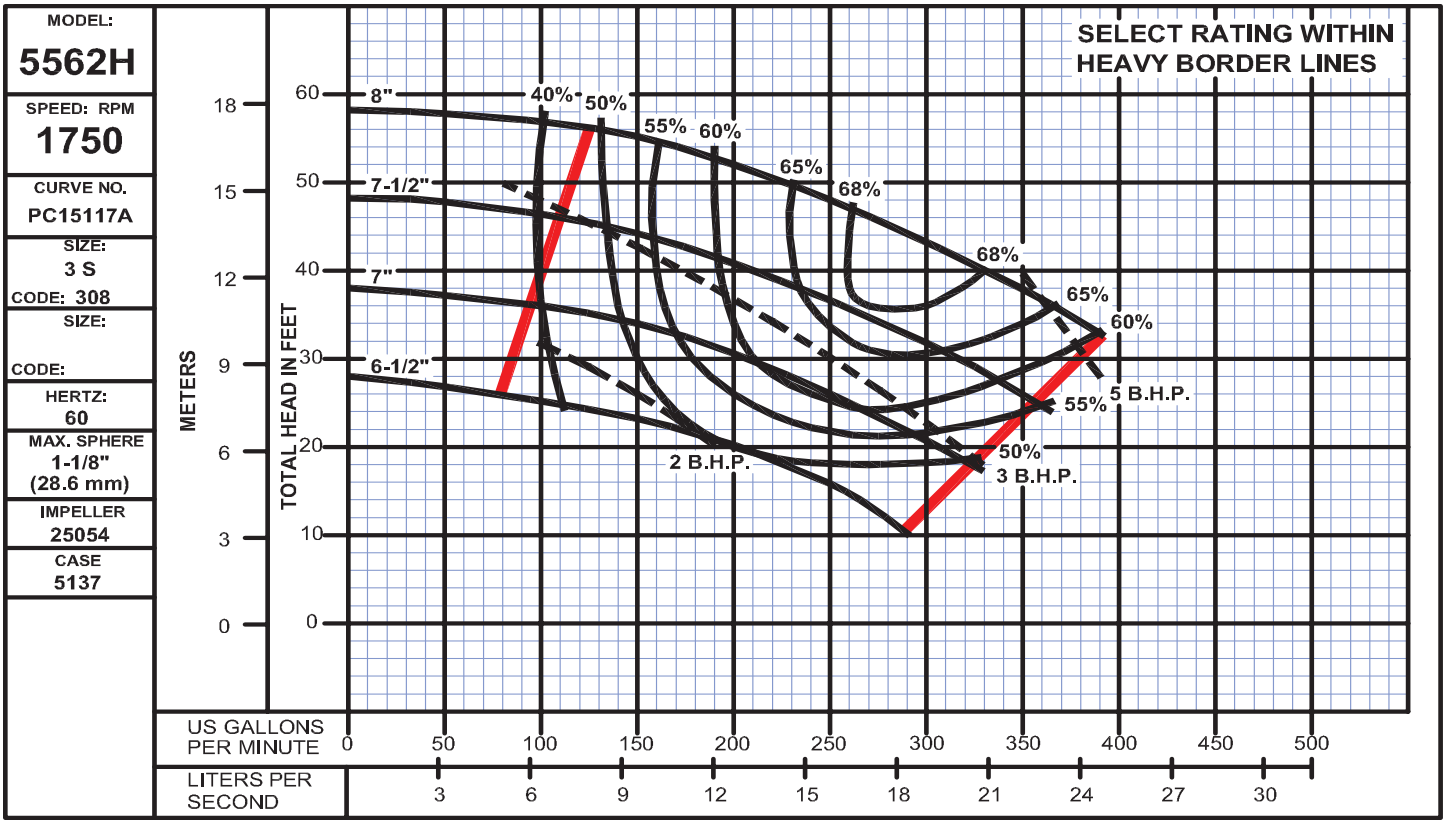


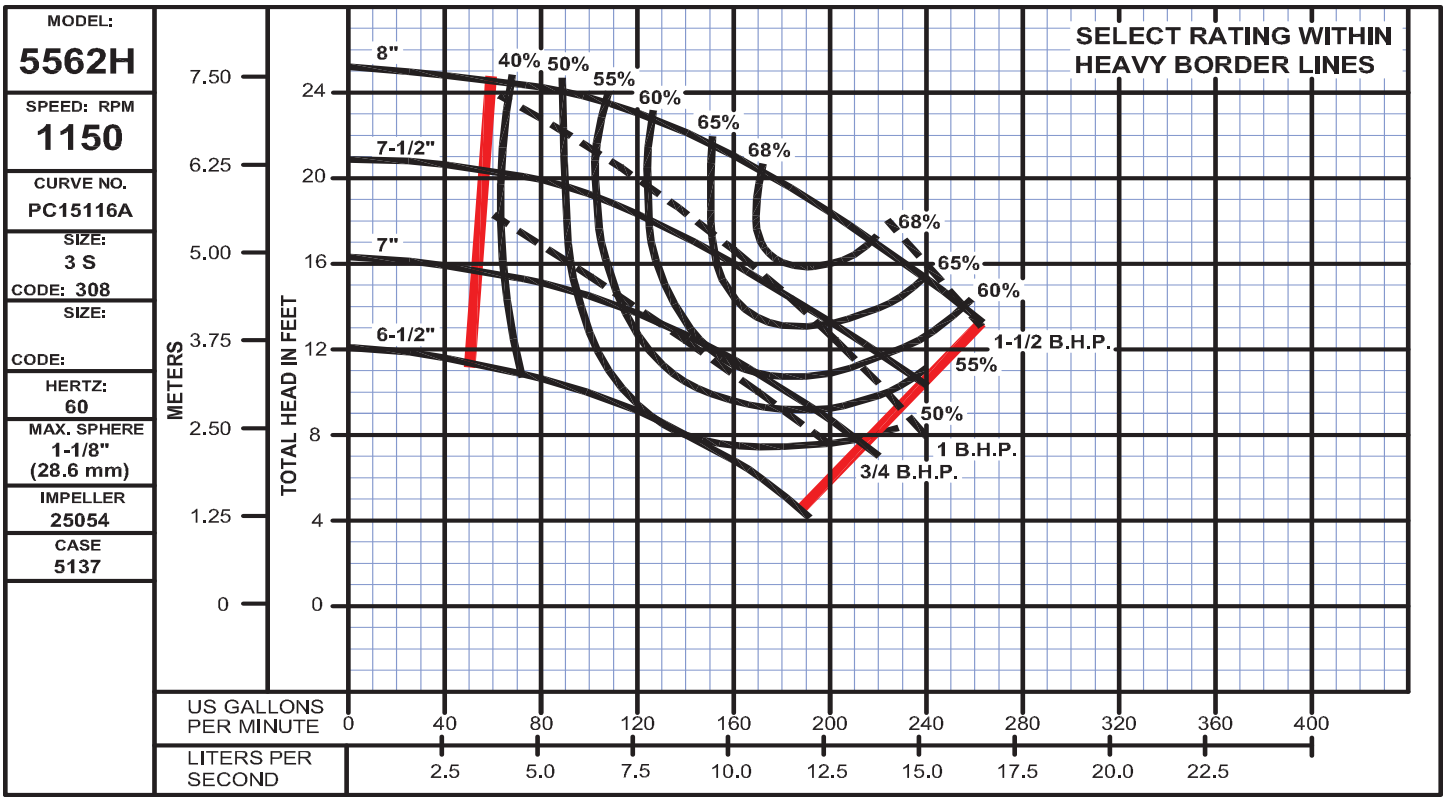
Fig. 5562H

Size: 3 S, 1750 & 1150RPM
Bulletin 5562

DEMING®
www.cranepumps.com

Vertical Immersion and Process Pumps





CRANE®
A Crane Co. Company

PUMPS & SYSTEMS

Curves shown performance with liquid having Specific Gravity - 1.0, Viscosity - 30 SSU

USA: (937) 778-8947 • Canada: (905) 457-6223 • International: (937) 615-3598

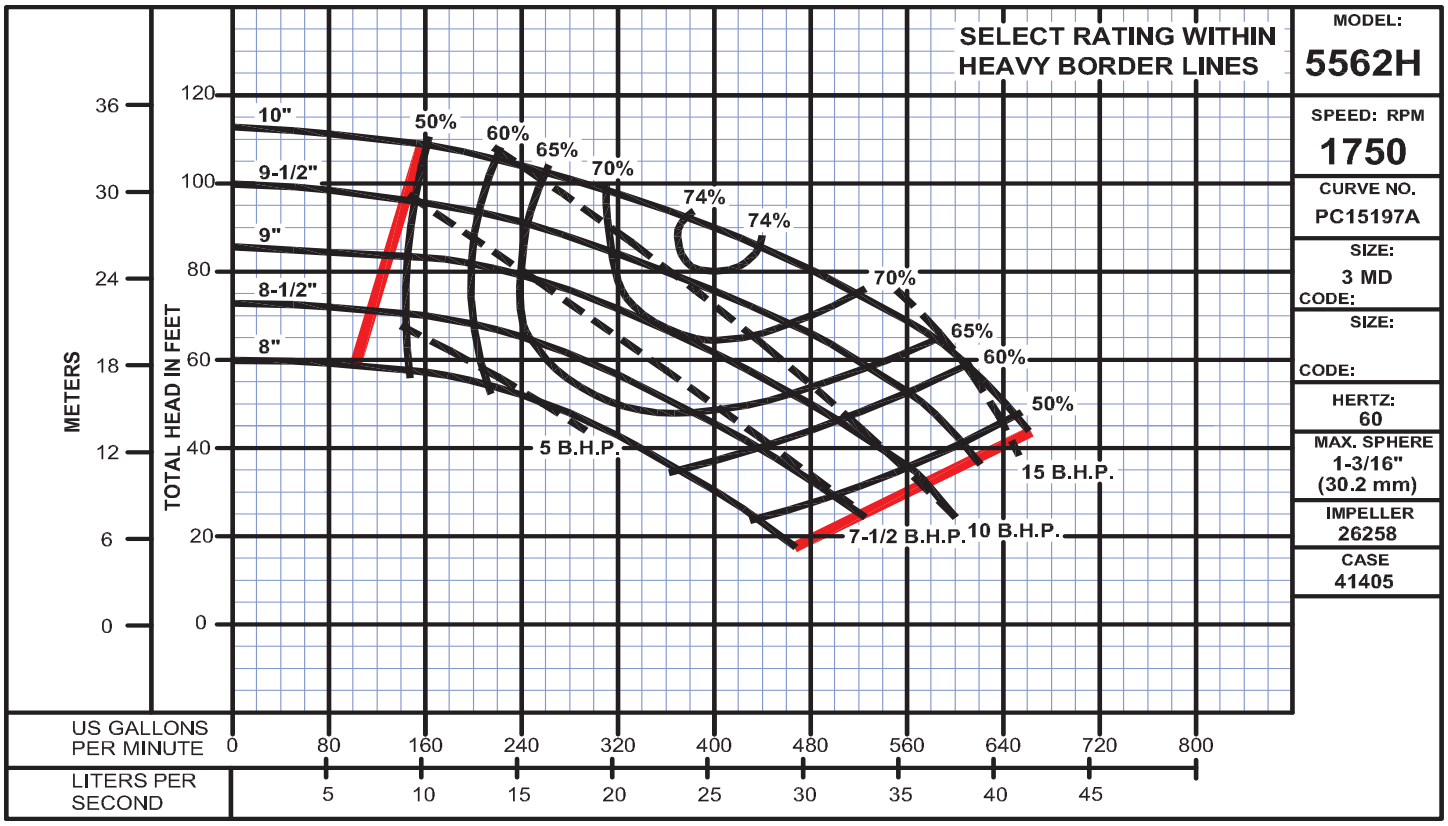
DEMING®

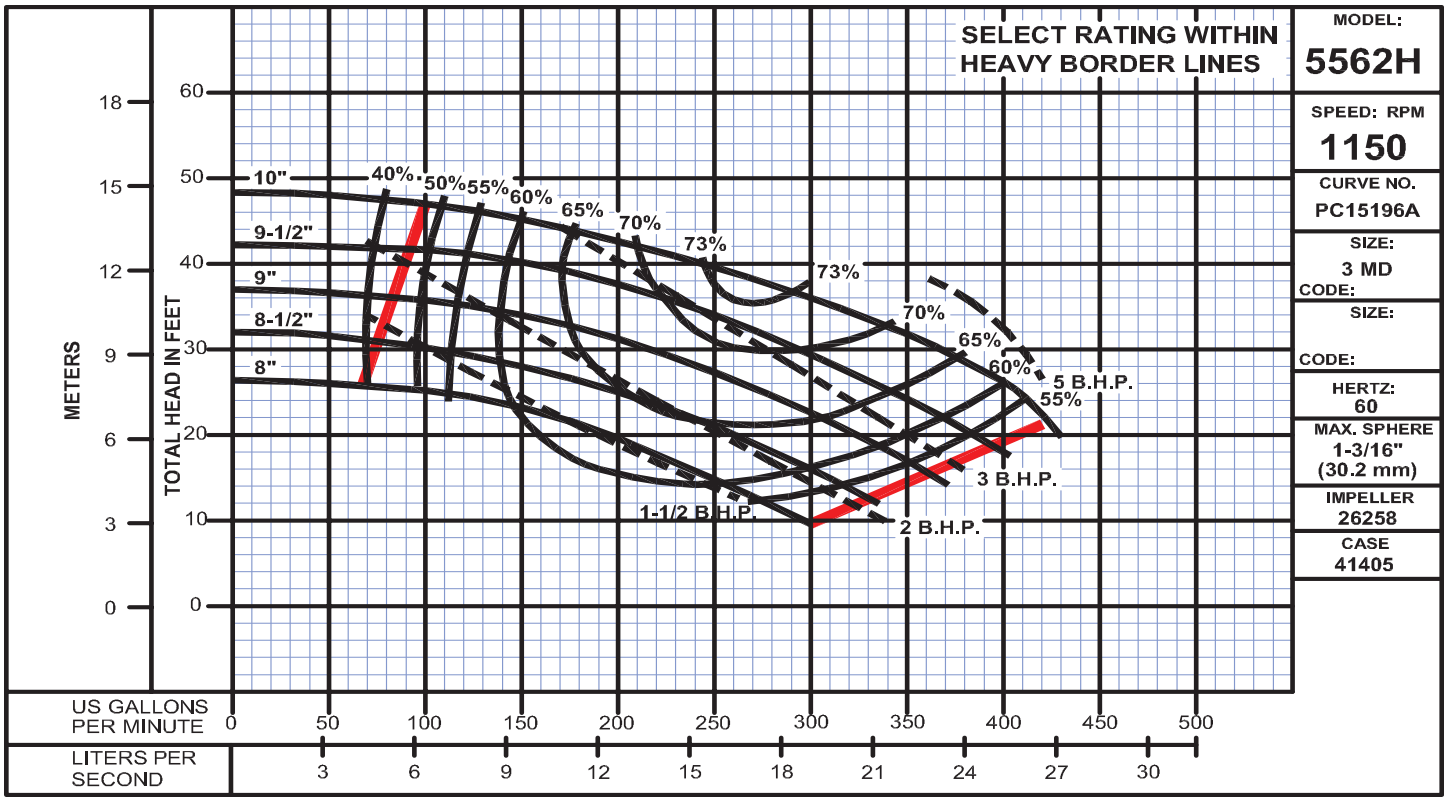
www.cranepumps.com

Fig. 5562H

Size: 3 MD, 1750 & 1150RPM
Bulletin 5562

Vertical Immersion and Process Pumps





CRANE®
A Crane Co. Company

PUMPS & SYSTEMS

Curves shown performance with liquid having Specific Gravity - 1.0, Viscosity - 30 SSU

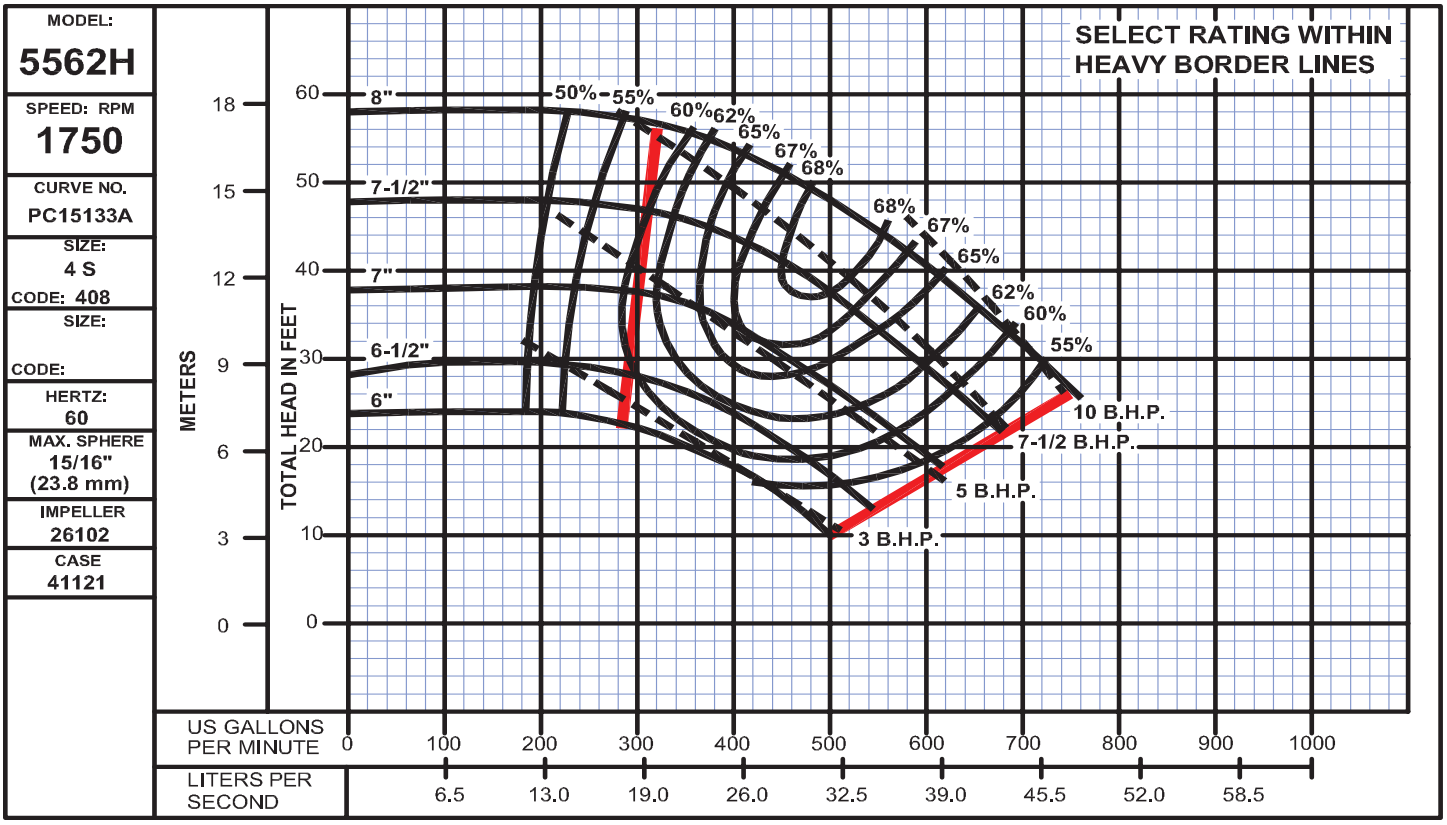
USA: (937) 778-8947 • Canada: (905) 457-6223 • International: (937) 615-3598

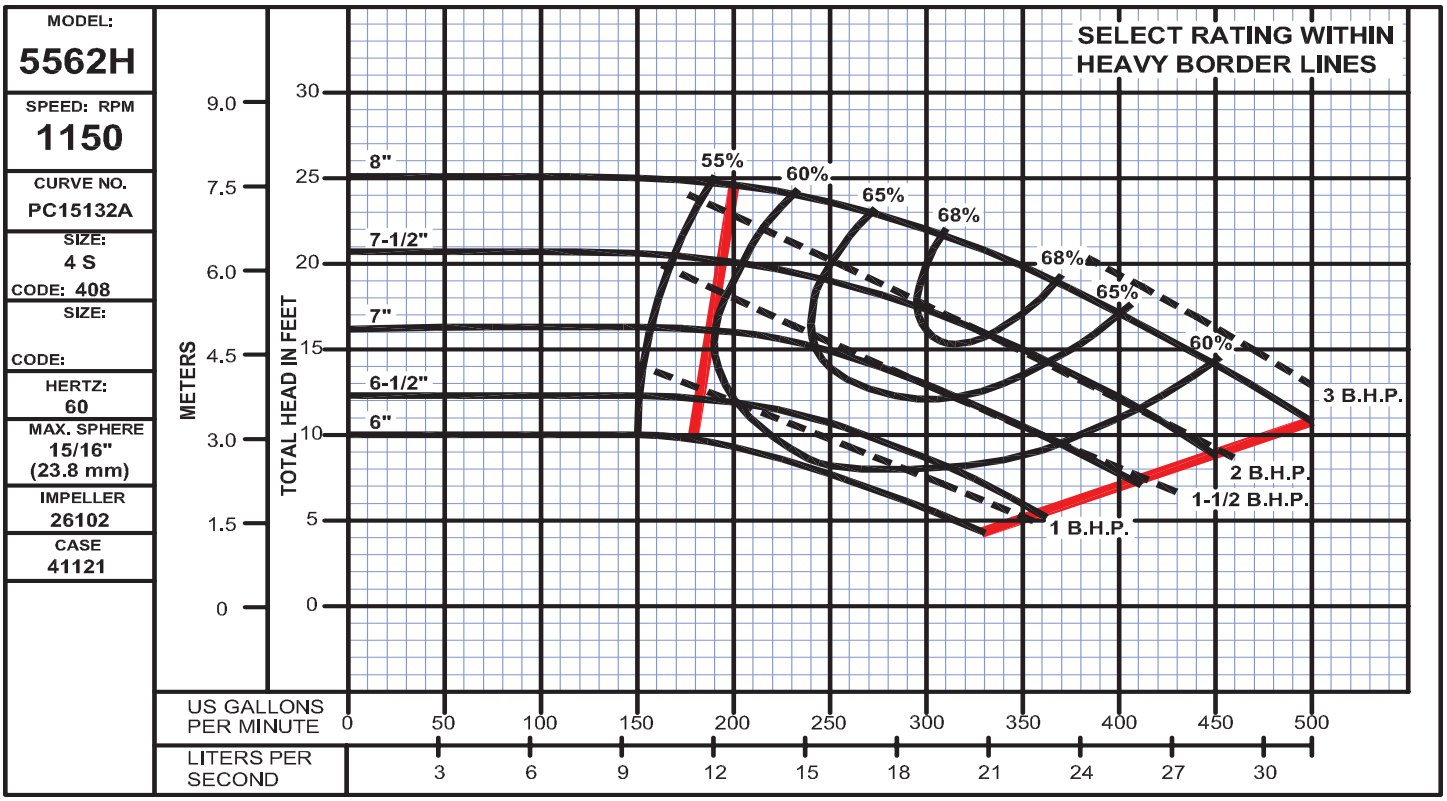
Fig. 5562H

Size: 4 S, 1750 & 1150RPM
Bulletin 5562

DEMING®
www.cranepumps.com

Vertical Immersion and Process Pumps





CRANE®
A Crane Co. Company

PUMPS & SYSTEMS

Curves shown performance with liquid having Specific Gravity - 1.0, Viscosity - 30 SSU

USA: (937) 778-8947 • Canada: (905) 457-6223 • International: (937) 615-3598

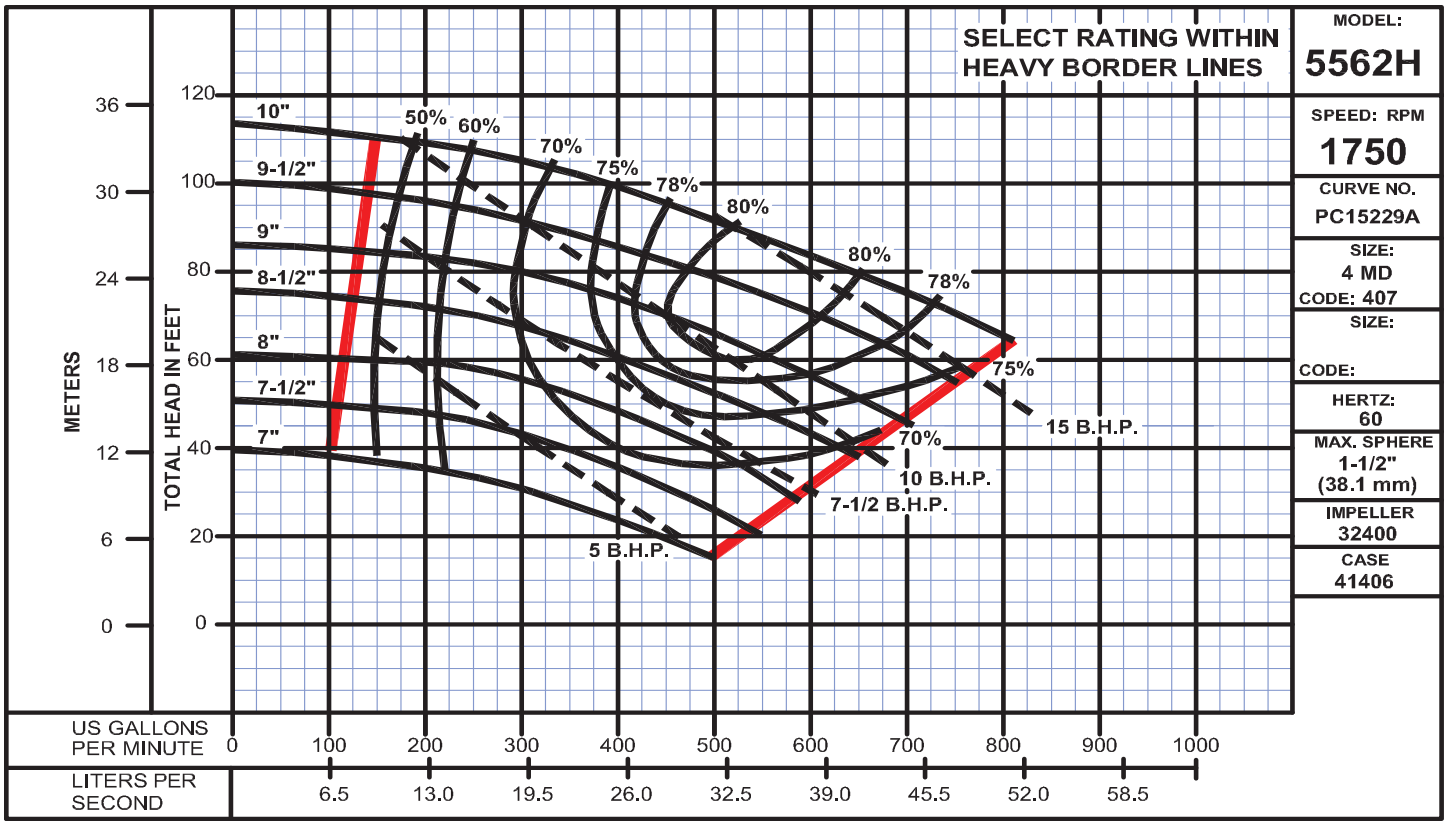
DEMING®

www.cranepumps.com

Fig. 5562H

Size: 4 MD, 1750 & 1150RPM
Bulletin 5562

Vertical Immersion and Process Pumps



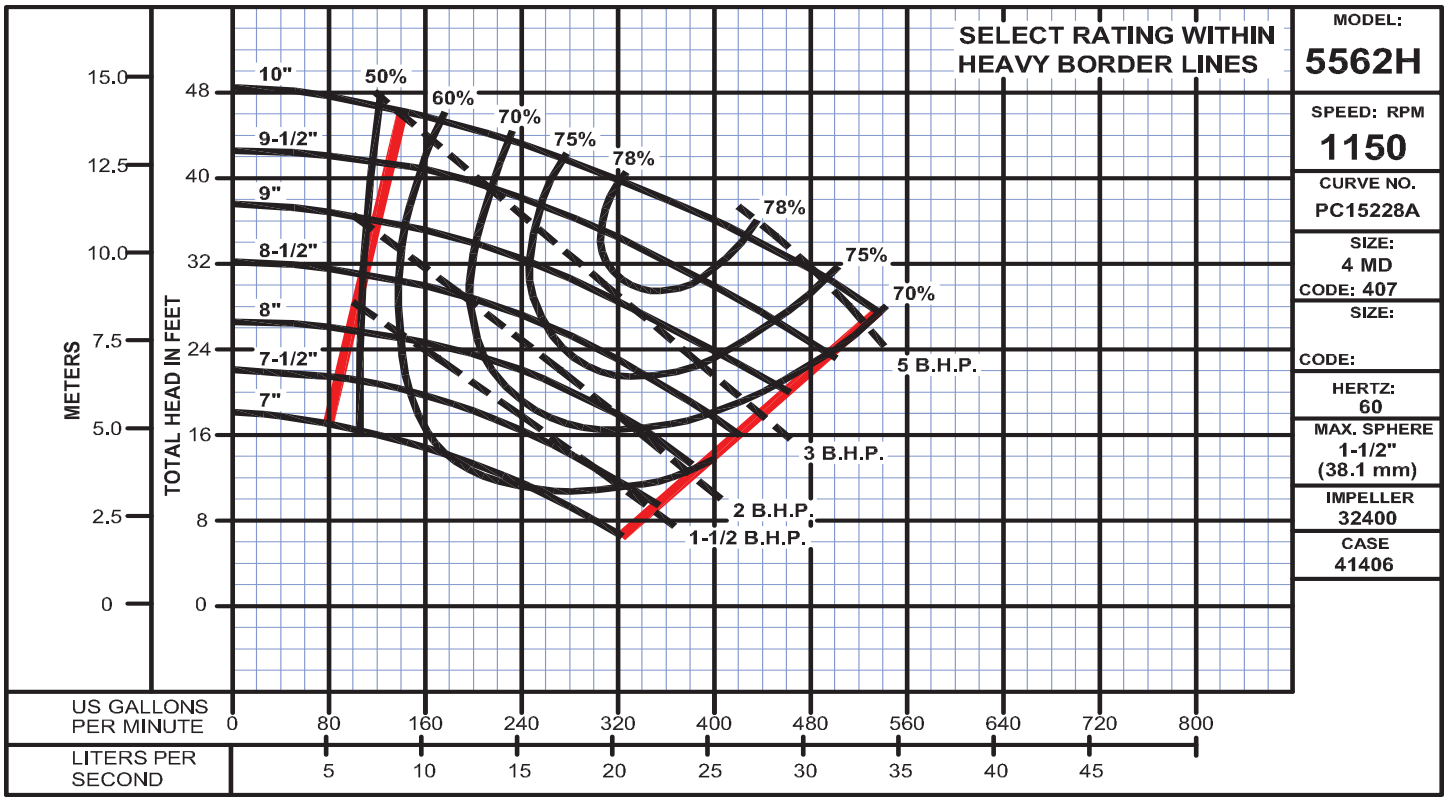
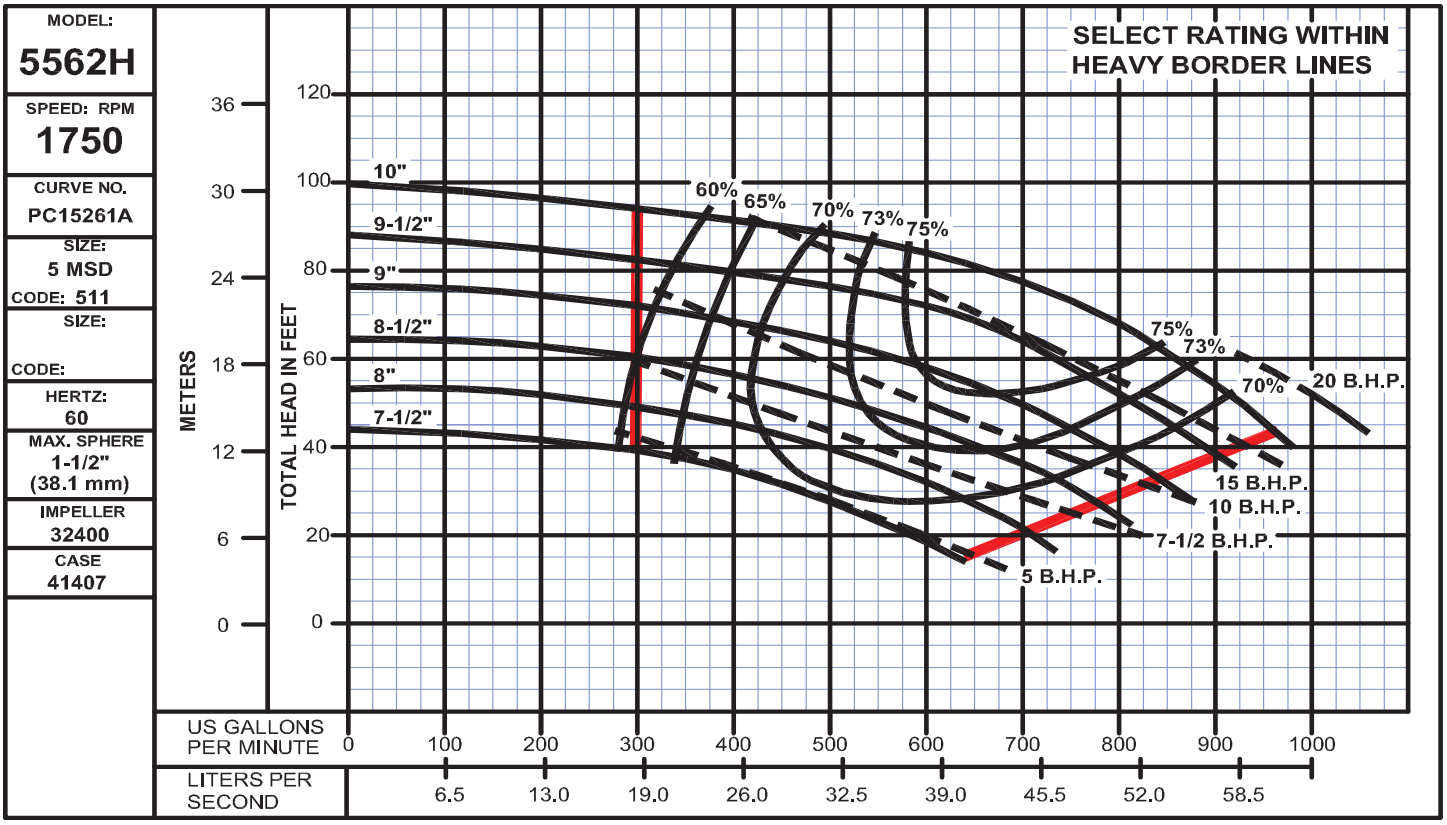


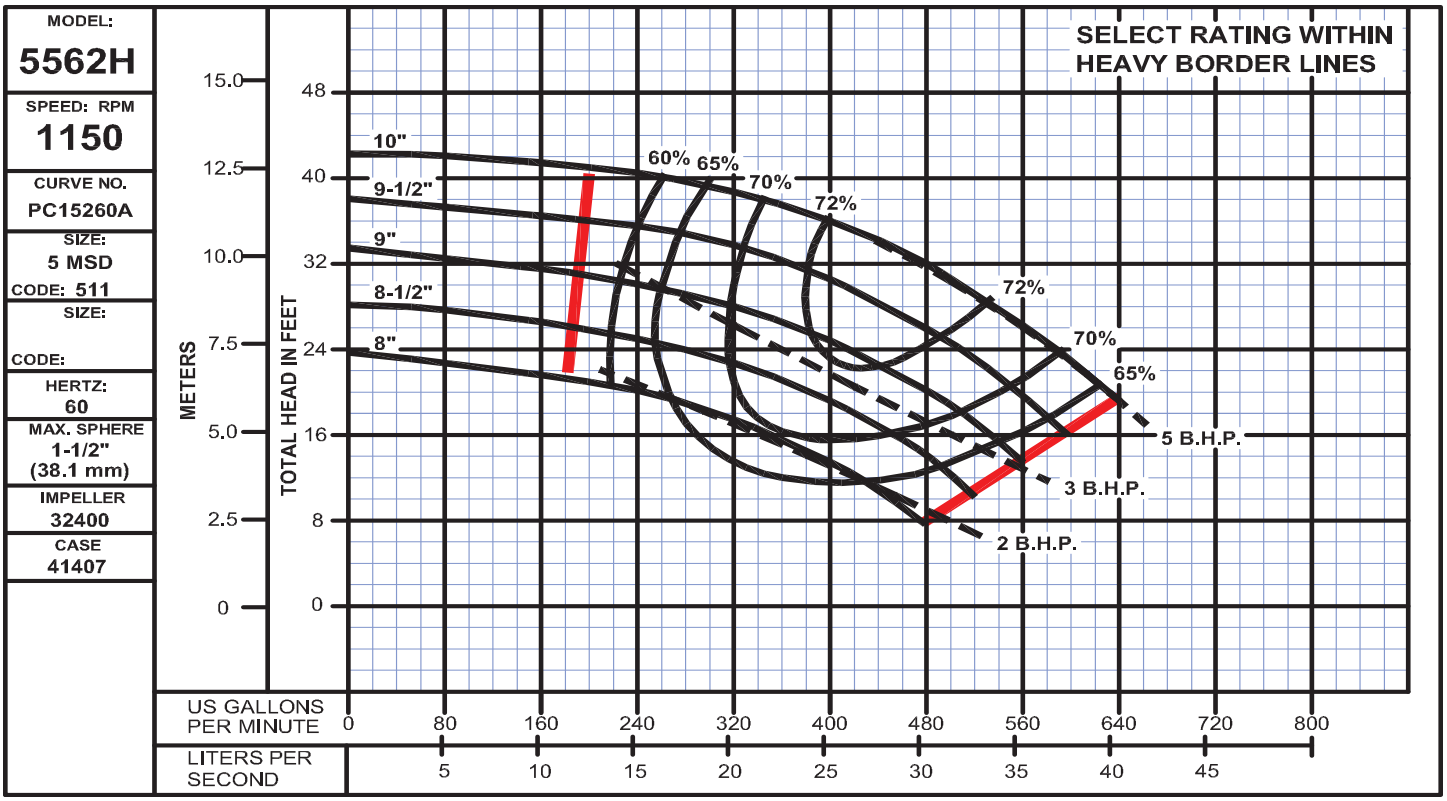
Fig. 5562H

Size: 5 MSD, 1750 & 1150RPM
Bulletin 5562

DEMING®
www.cranepumps.com

Vertical Immersion and Process Pumps





CRANE®
A Crane Co. Company

PUMPS & SYSTEMS

Curves shown performance with liquid having Specific Gravity - 1.0, Viscosity - 30 SSU

USA: (937) 778-8947 • Canada: (905) 457-6223 • International: (937) 615-3598

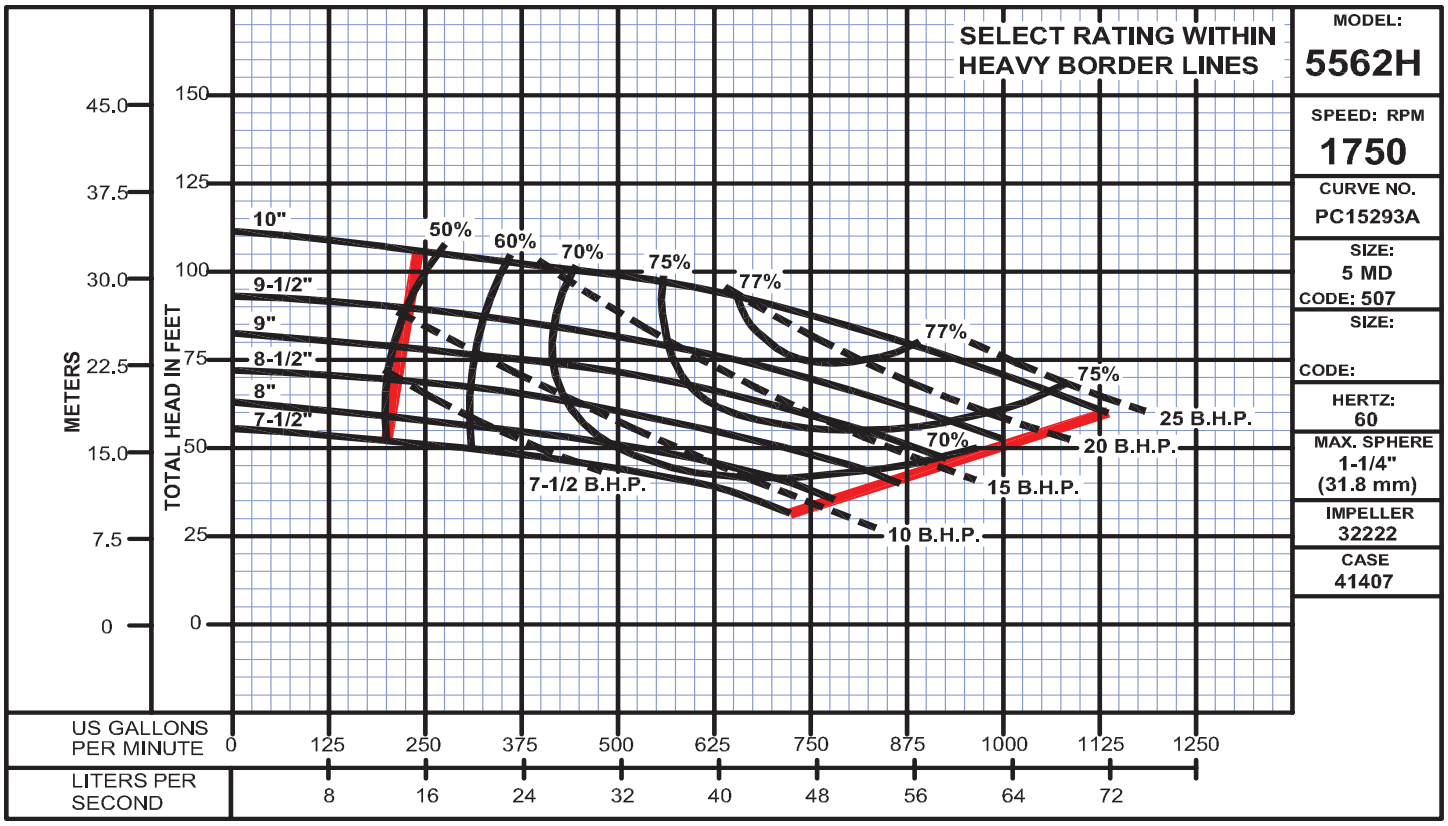
DEMING®

www.cranepumps.com

Fig. 5562H

Size: 5 MD, 1750 & 1150RPM
Bulletin 5562

Vertical Immersion and Process Pumps



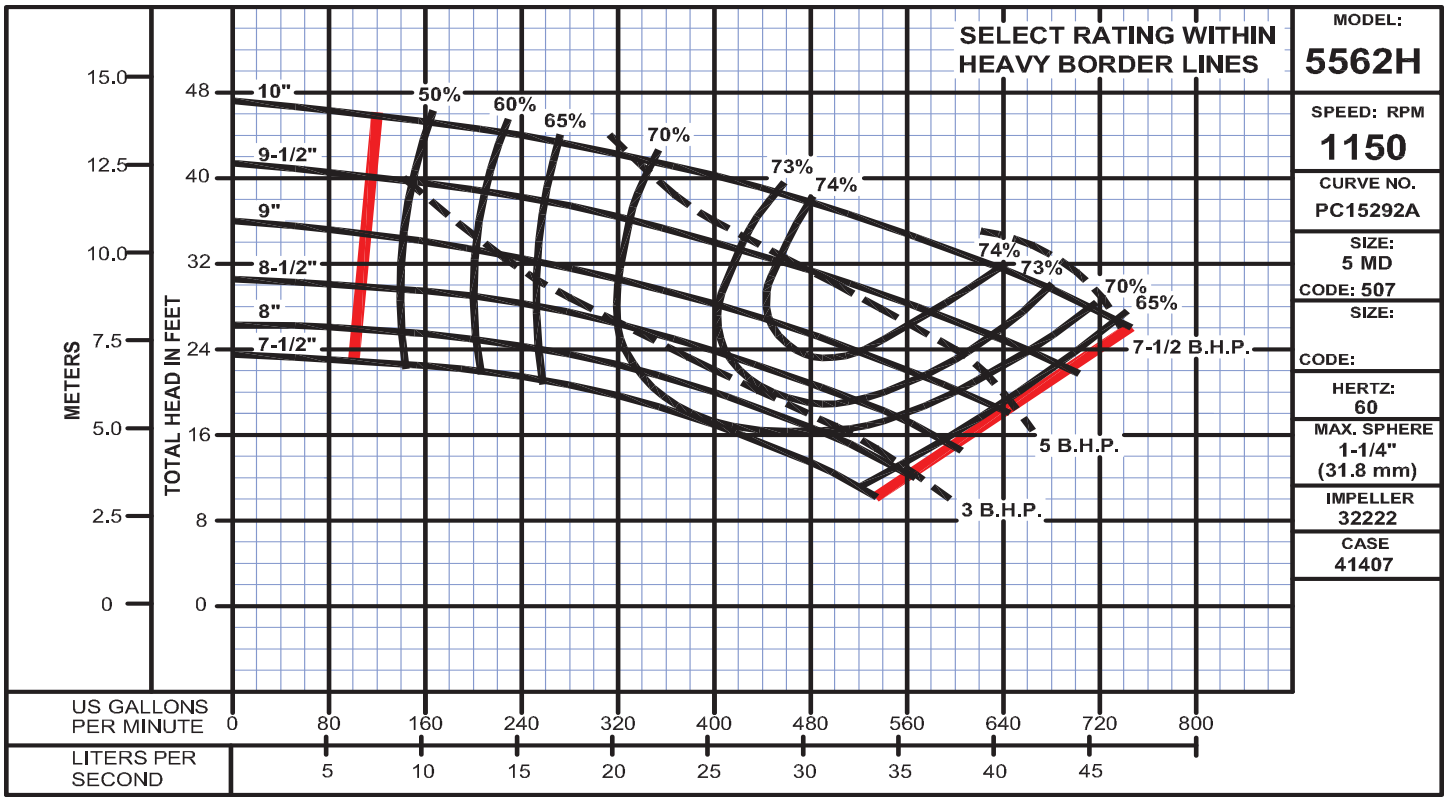
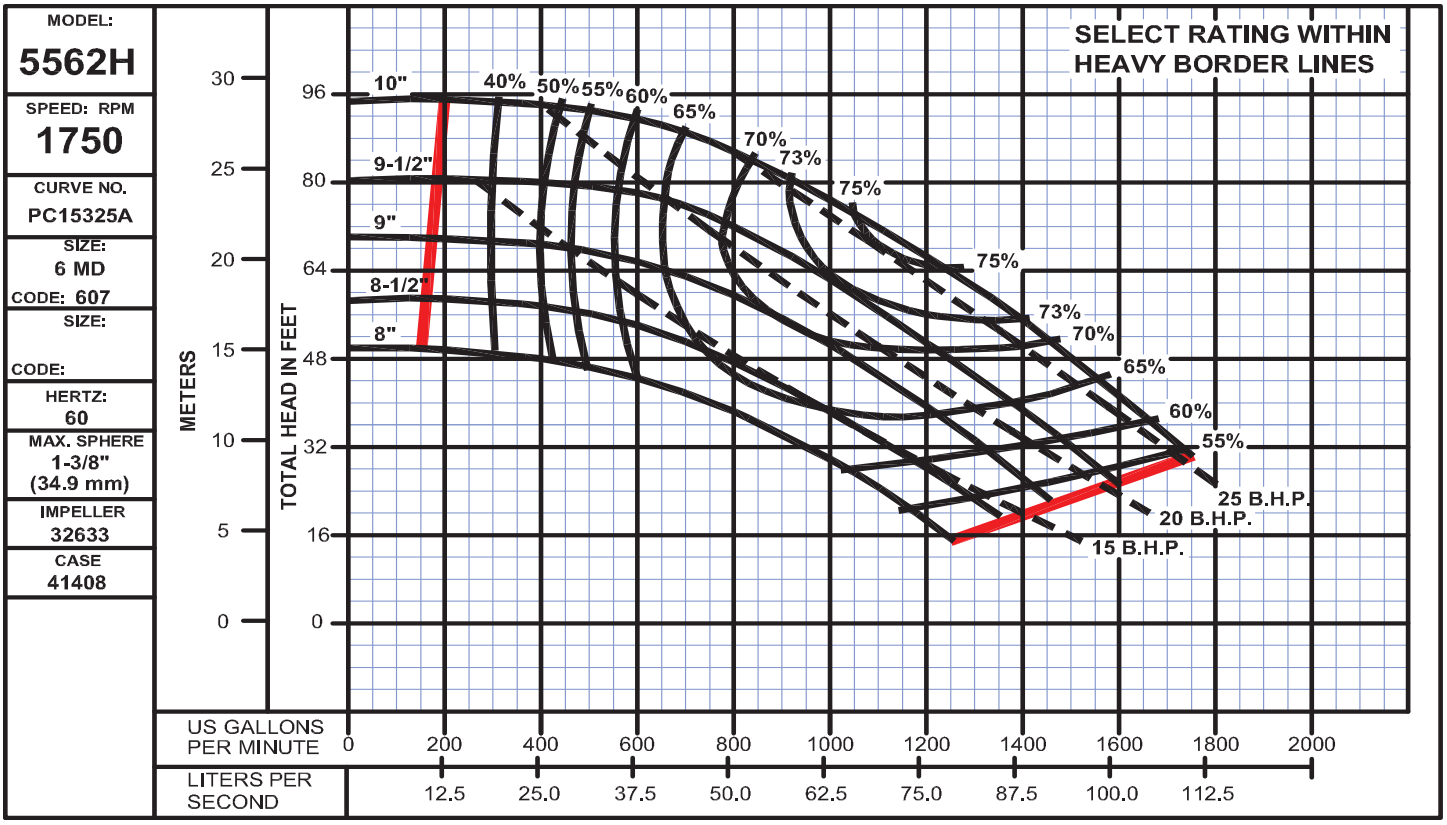


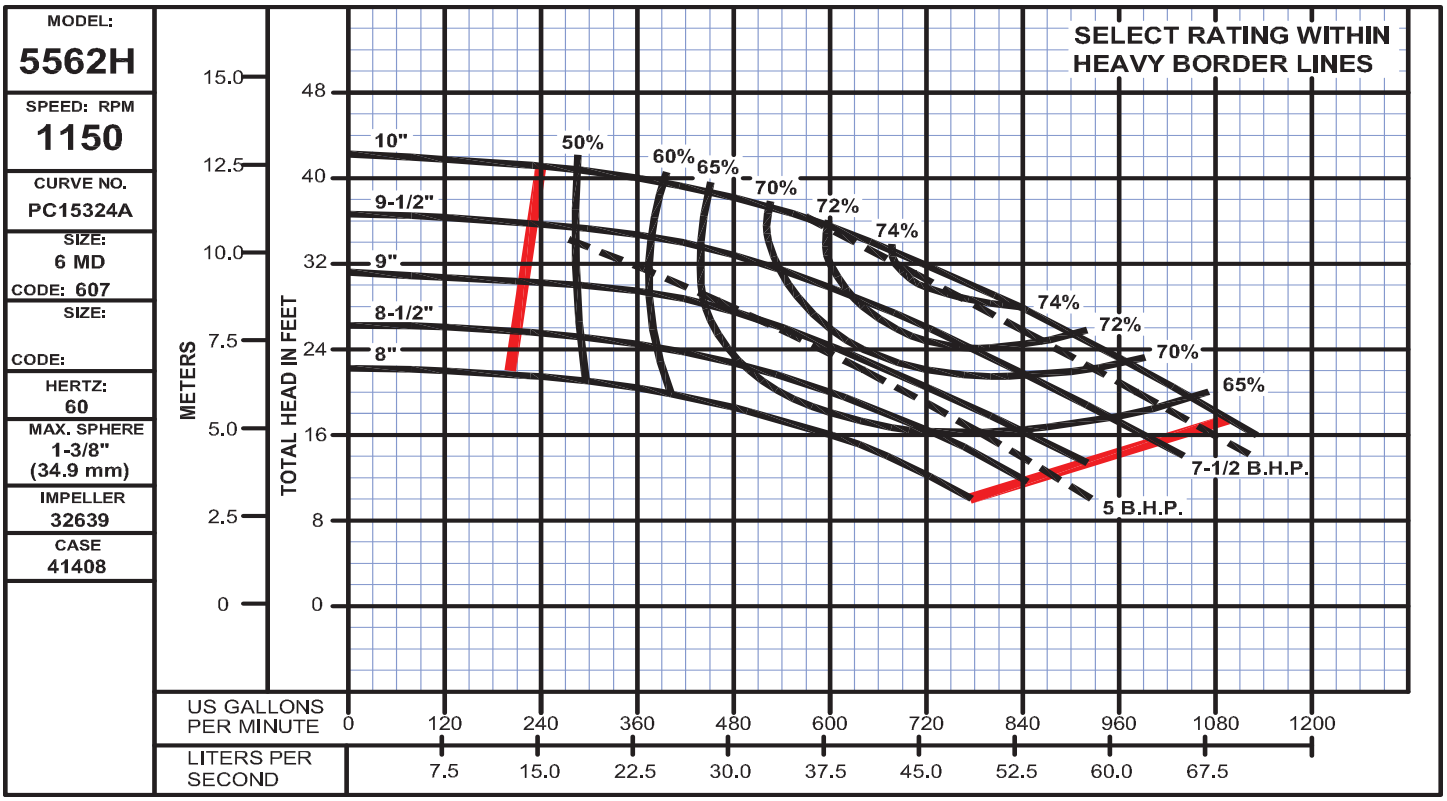
Fig. 5562H

Size: 6 MD, 1750 & 1150RPM
Bulletin 5562

DEMING®
www.cranepumps.com

Vertical Immersion and Process Pumps





CRANE®
A Crane Co. Company

PUMPS & SYSTEMS

Curves shown performance with liquid having Specific Gravity - 1.0, Viscosity - 30 SSU

USA: (937) 778-8947 • Canada: (905) 457-6223 • International: (937) 615-3598

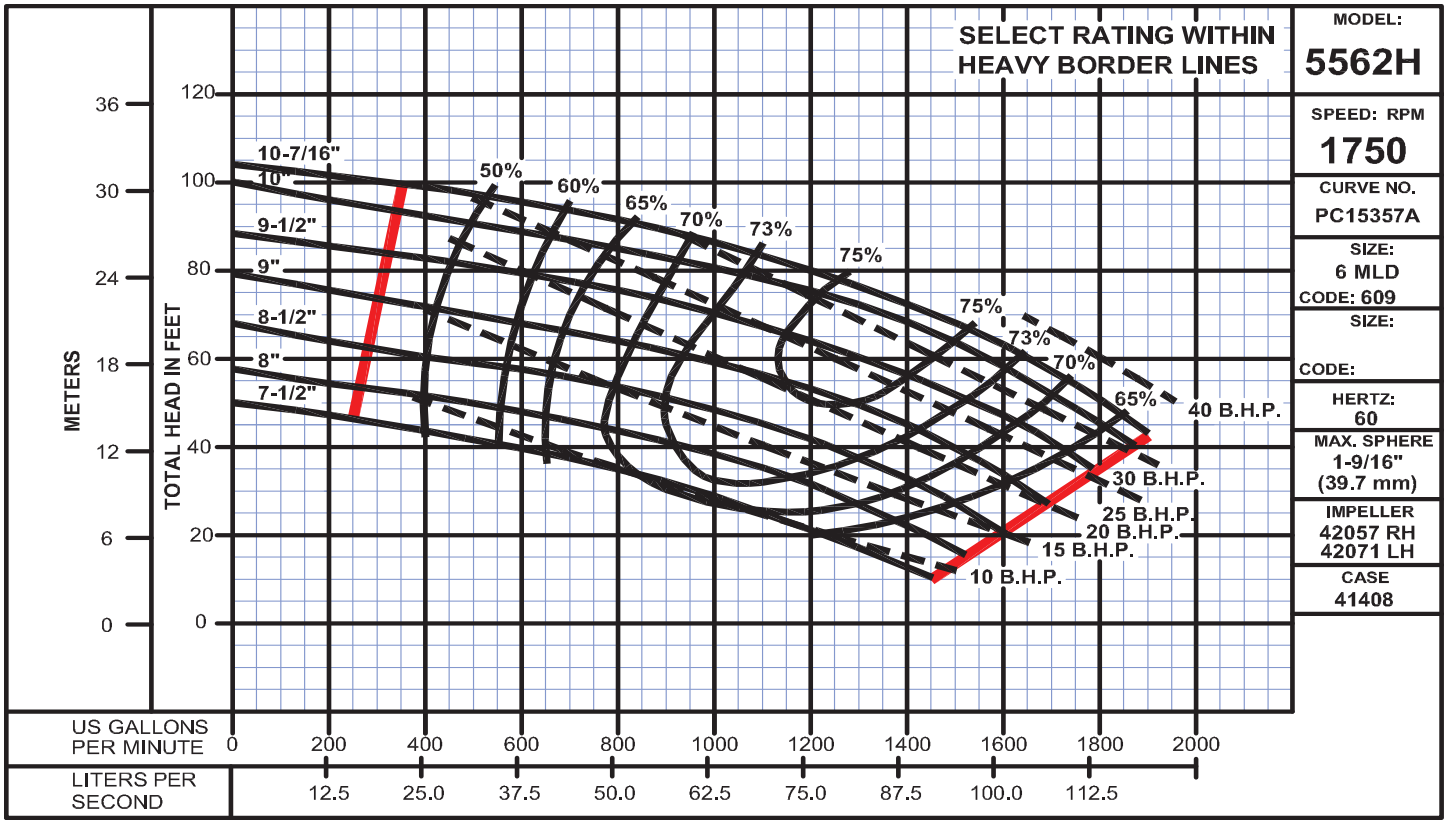
DEMING®

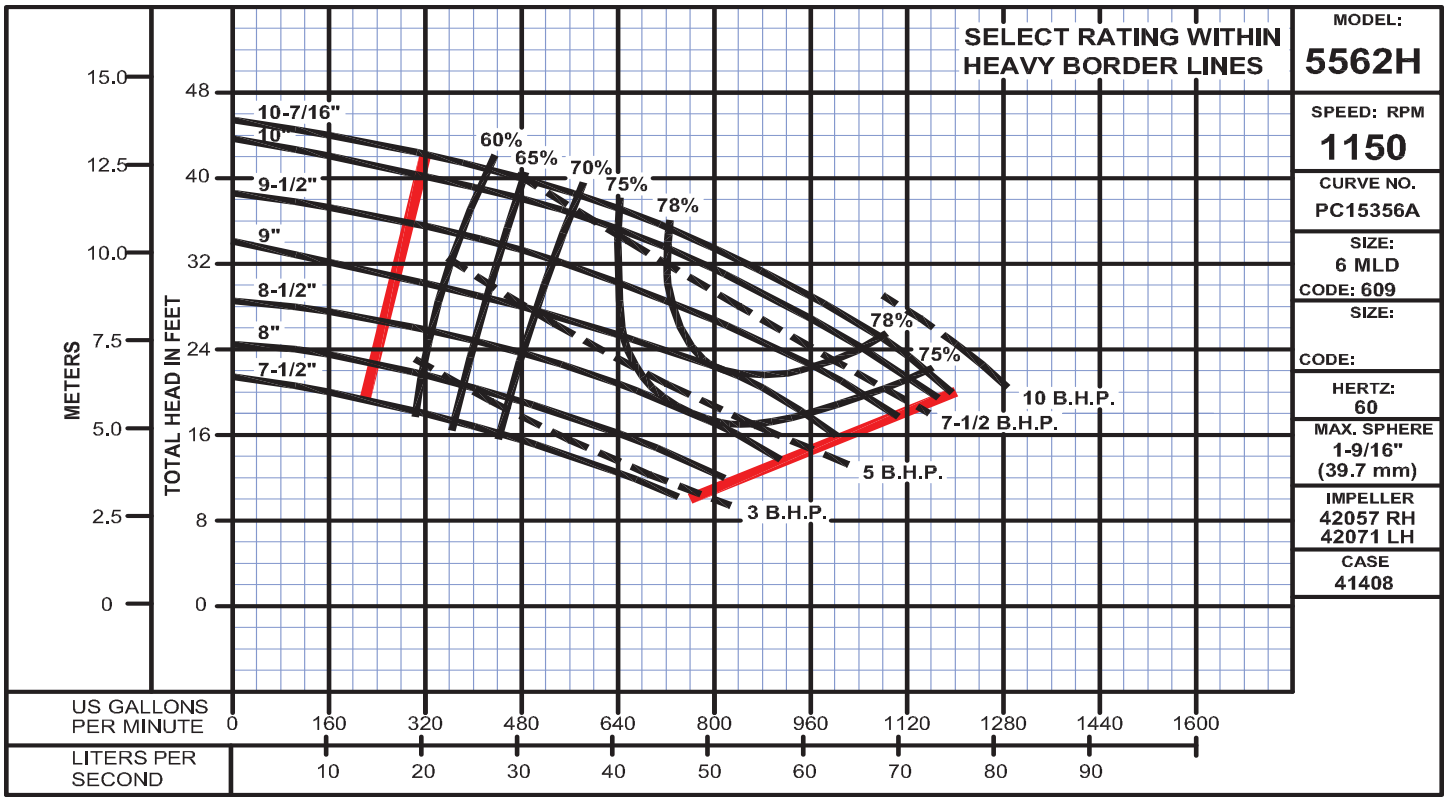
www.cranepumps.com

Fig. 5562H

Size: 6 MLD, 1750 & 1150RPM
Bulletin 5562

Vertical Immersion and Process Pumps





CRANE®
A Crane Co. Company

PUMPS & SYSTEMS

Curves shown performance with liquid having Specific Gravity - 1.0, Viscosity - 30 SSU

USA: (937) 778-8947 • Canada: (905) 457-6223 • International: (937) 615-3598

This page intentionally left blank

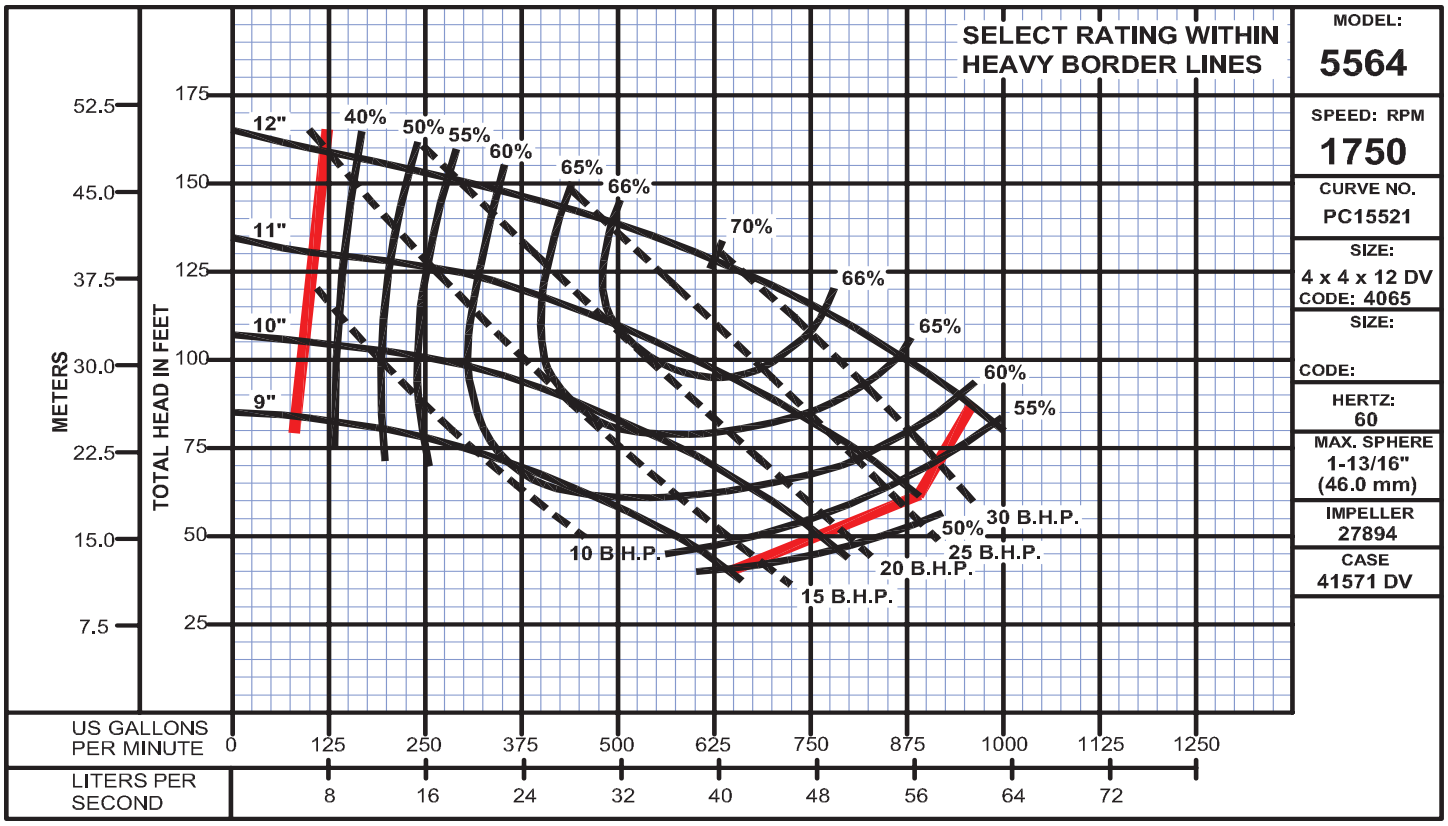
DEMING®

www.cranepumps.com

Fig. 5564

Size: 4 x 4 x 12 DV, 1750 & 1150RPM
Bulletin 5562

Vertical Immersion and Process Pumps



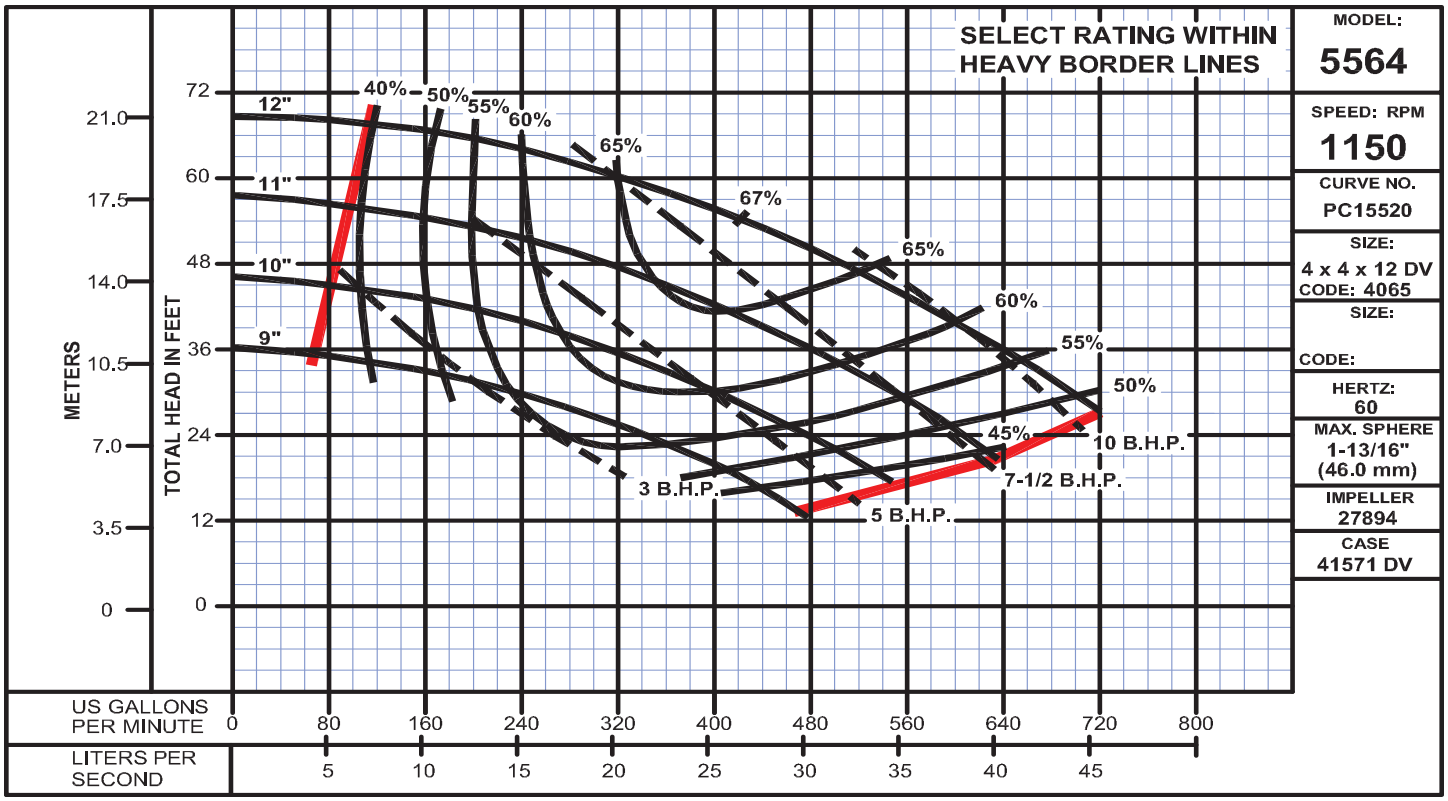
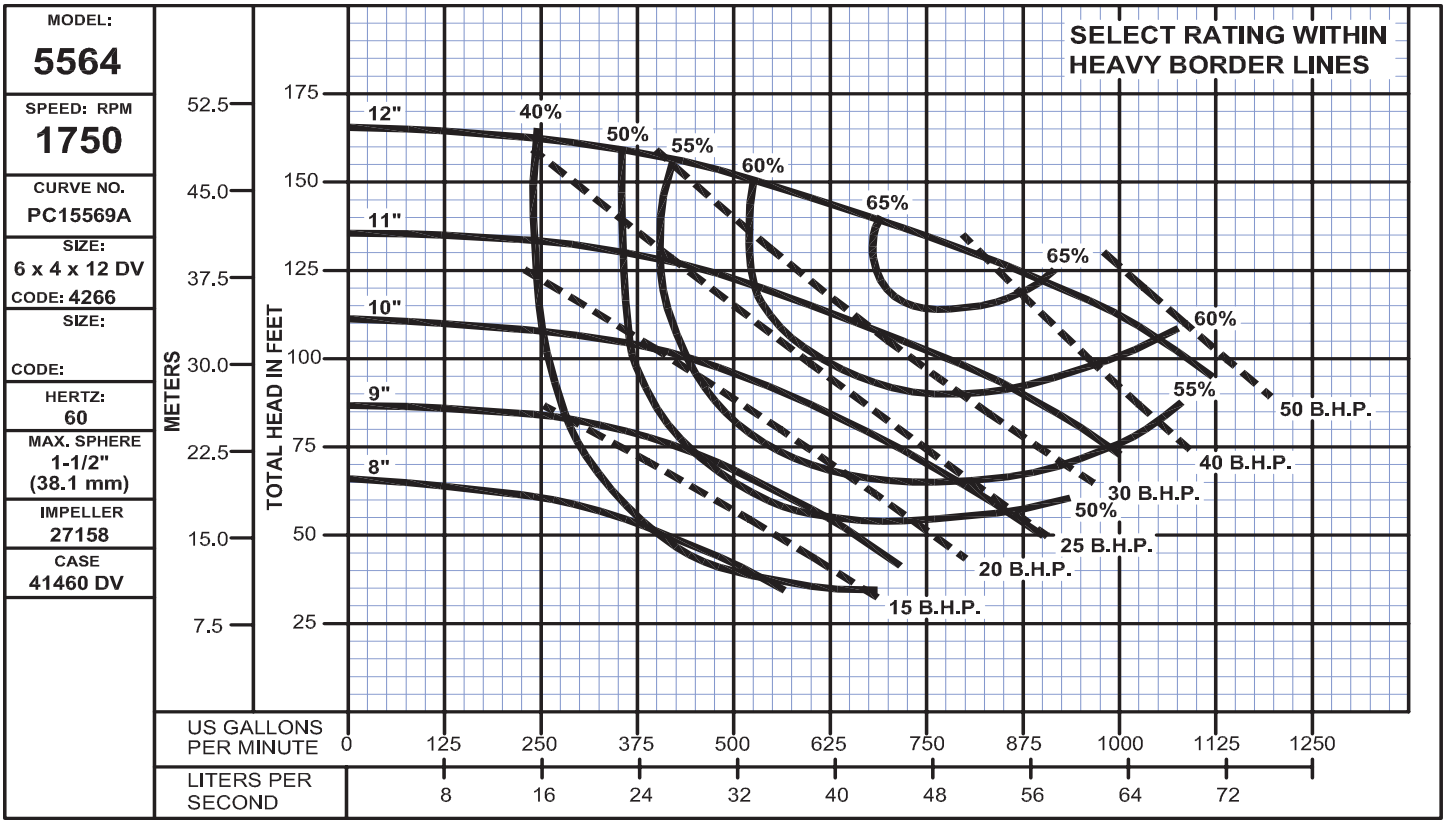


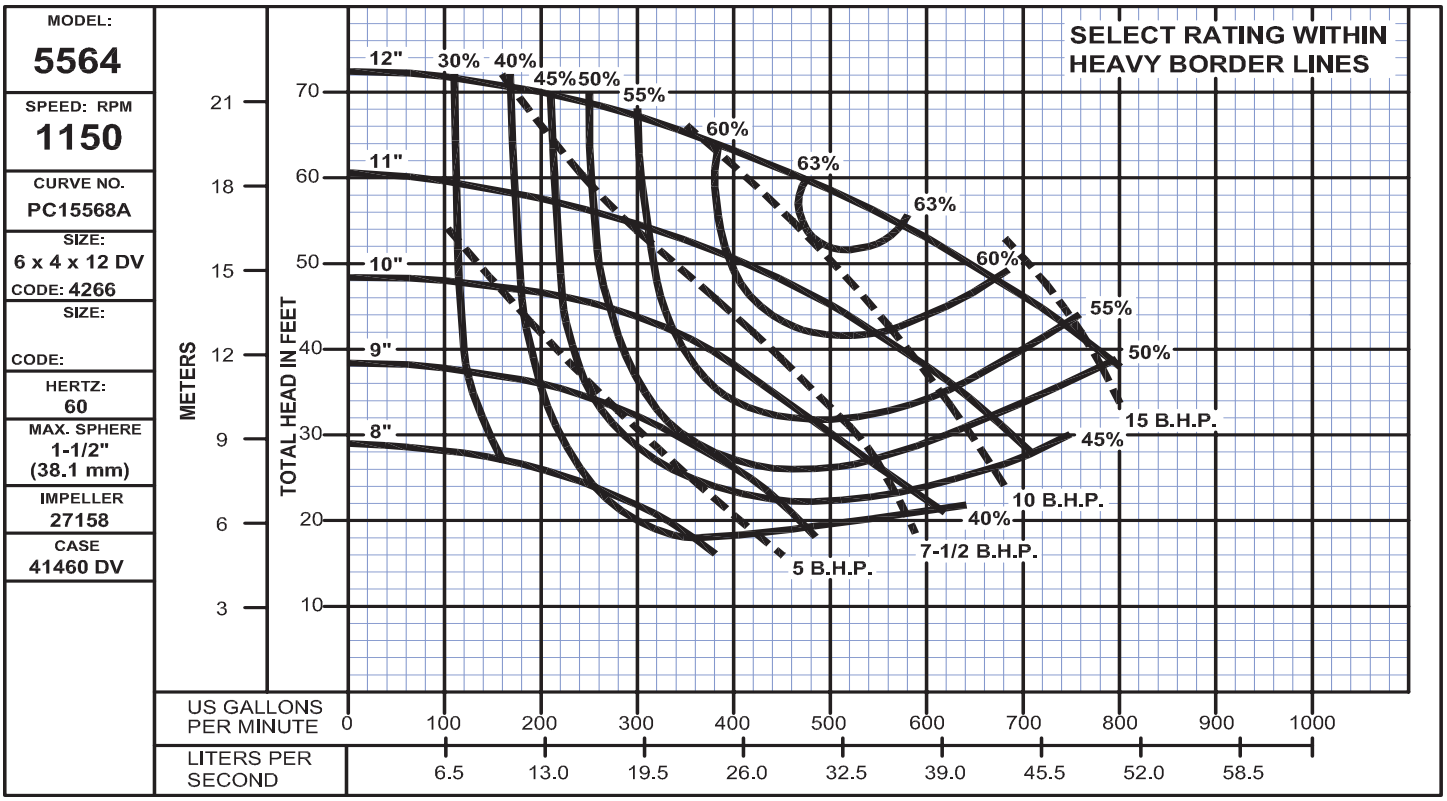
Fig. 5564

Size: 6 x 4 x 12 DV, 1750 & 1150RPM
Bulletin 5562

DEMING®
www.cranepumps.com

Vertical Immersion and Process Pumps





CRANE®
A Crane Co. Company

PUMPS & SYSTEMS

Curves shown performance with liquid having Specific Gravity - 1.0, Viscosity - 30 SSU

USA: (937) 778-8947 • Canada: (905) 457-6223 • International: (937) 615-3598

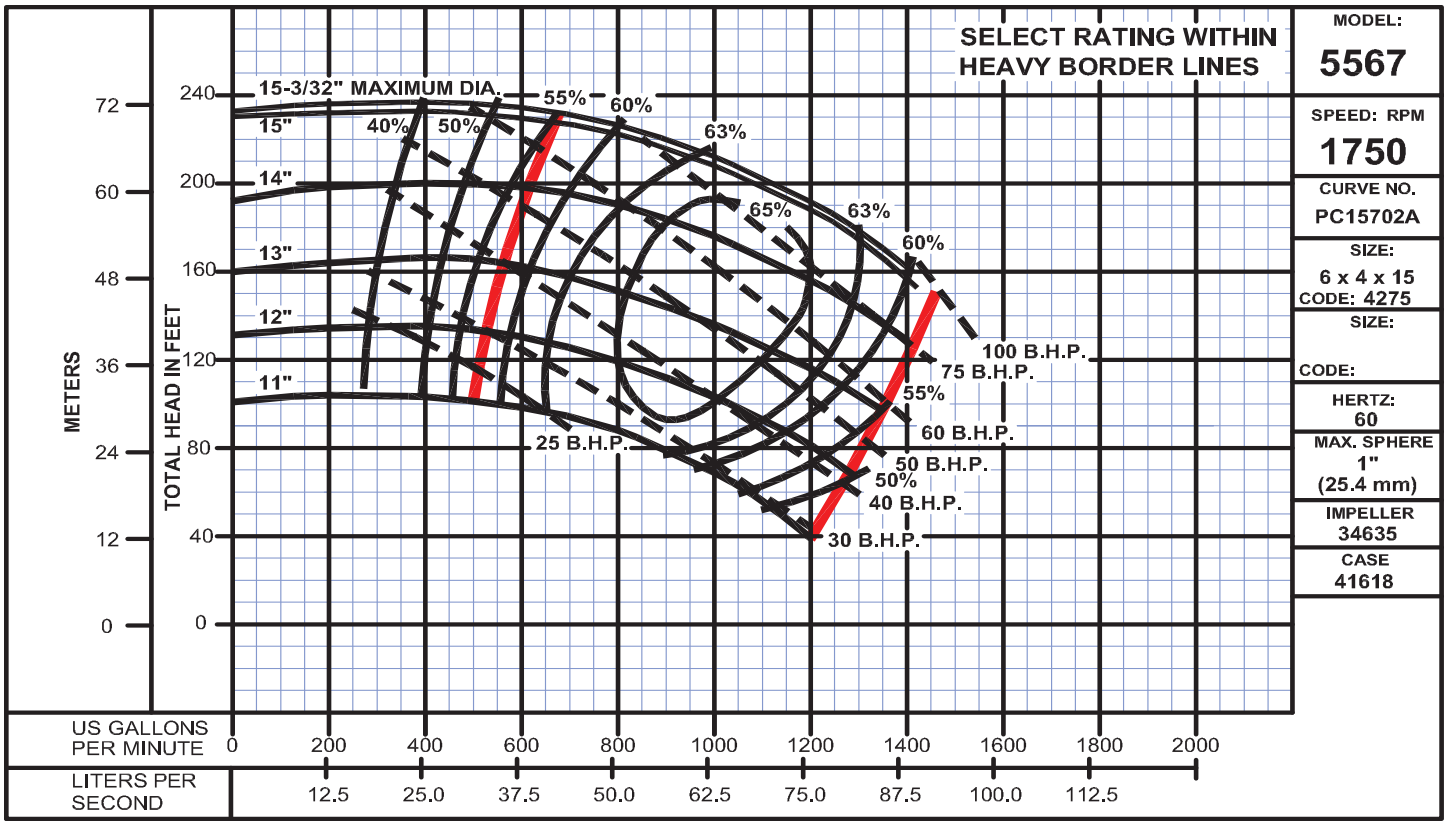
DEMING®

www.cranepumps.com

Fig. 5567

Size: 6 x 4 x 15, 1750 & 1150RPM
Bulletin 5562

Vertical Immersion and Process Pumps



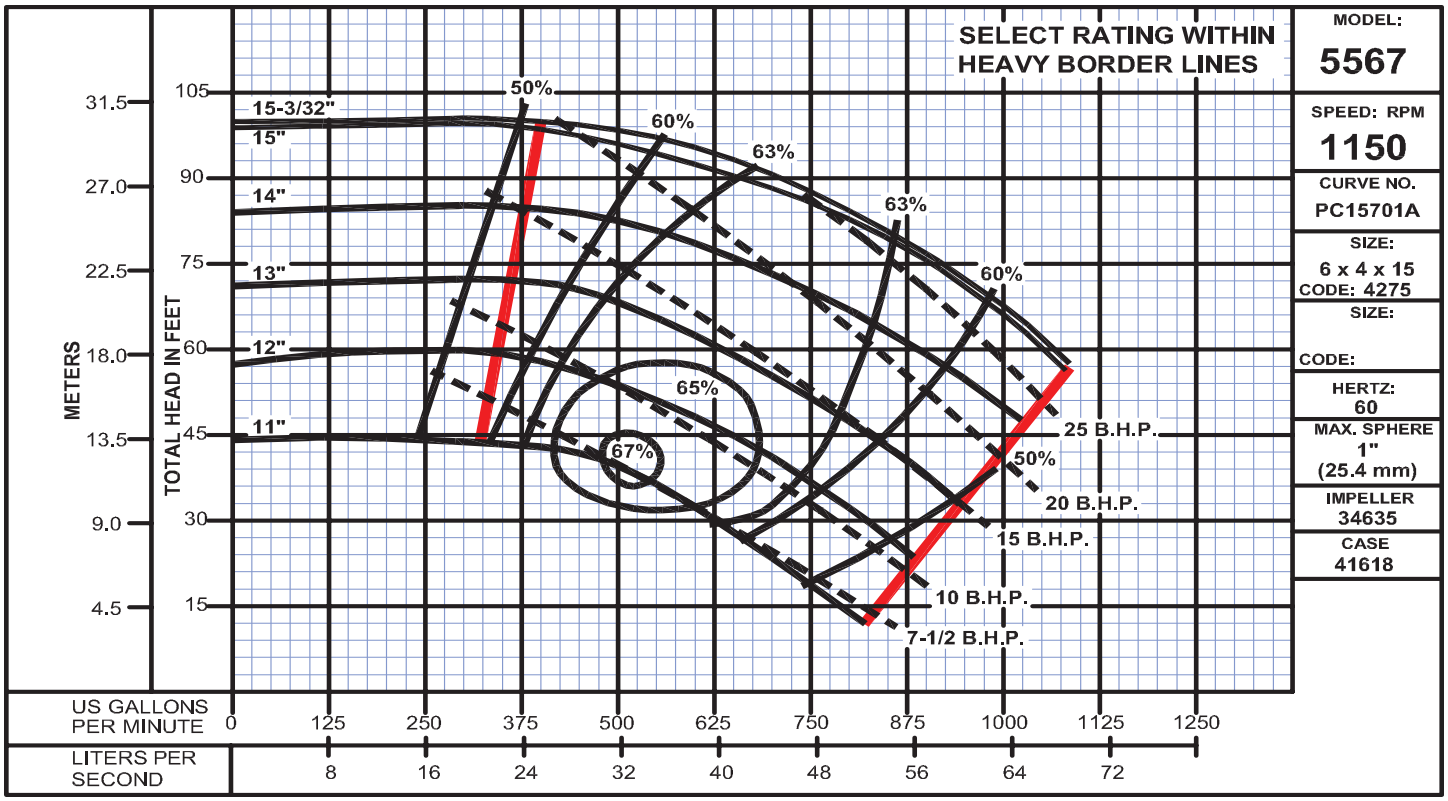


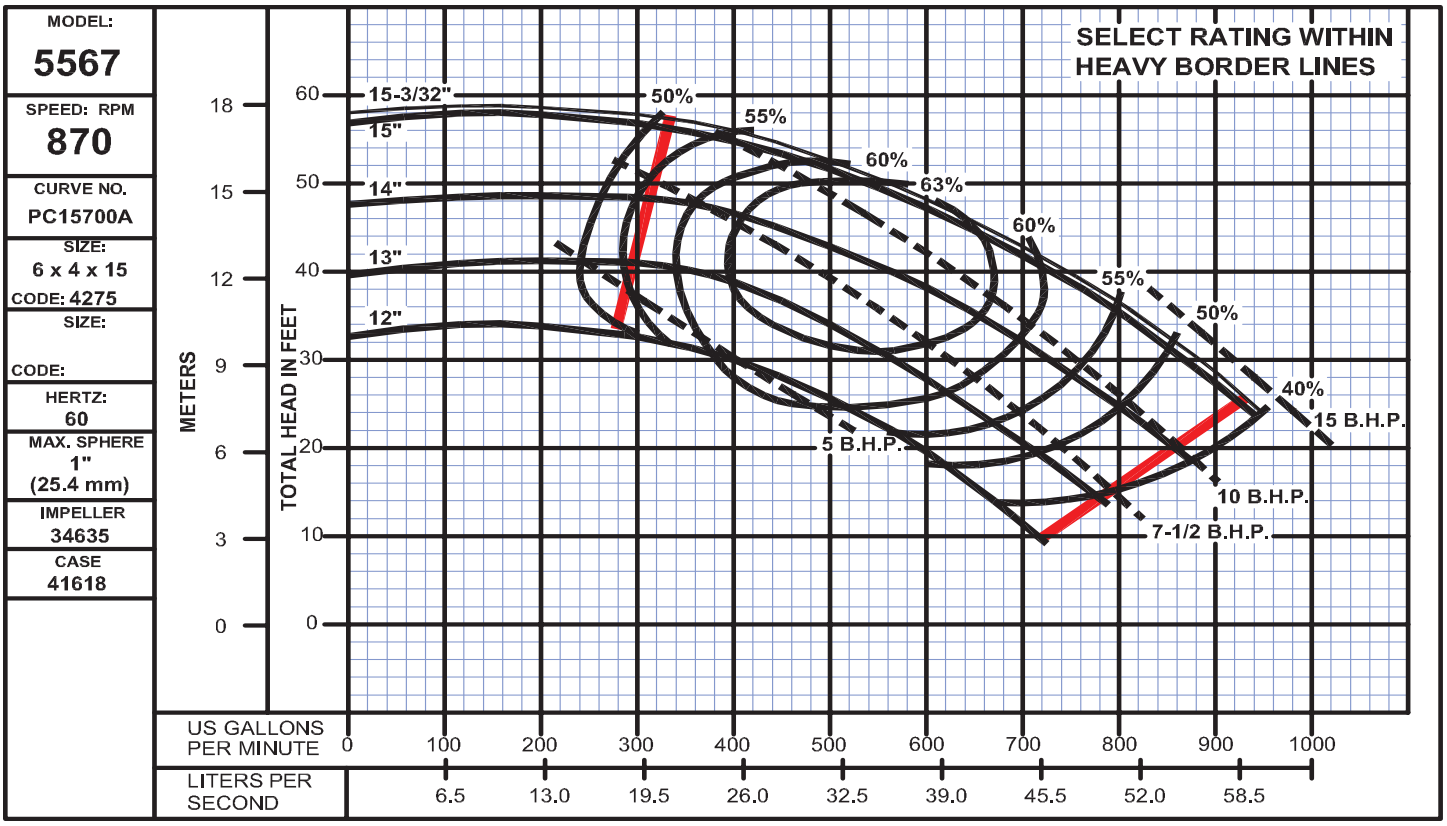
Fig. 5567

Size: 6 x 4 x 15, 870RPM
Bulletin 5562

DEMING®

www.cranepumps.com

Vertical Immersion and Process Pumps



CRANE®
A Crane Co. Company

PUMPS & SYSTEMS

Curves shown performance with liquid having Specific Gravity - 1.0, Viscosity - 30 SSU

USA: (937) 778-8947 • Canada: (905) 457-6223 • International: (937) 615-3598

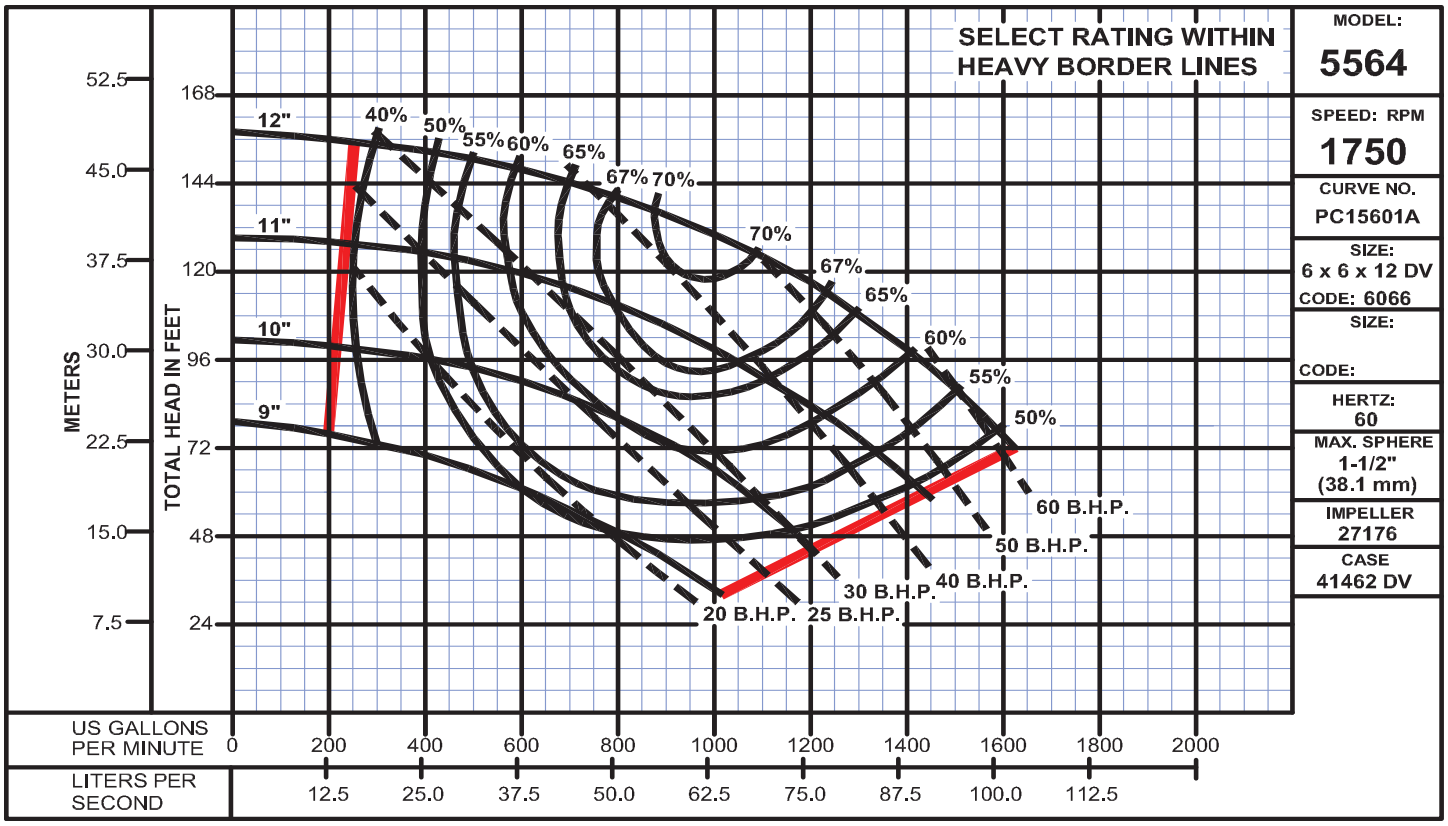
DEMING®

www.cranepumps.com

Fig. 5564

Size: 6 x 6 x 12 DV, 1750 & 1150RPM
Bulletin 5562

Vertical Immersion and Process Pumps



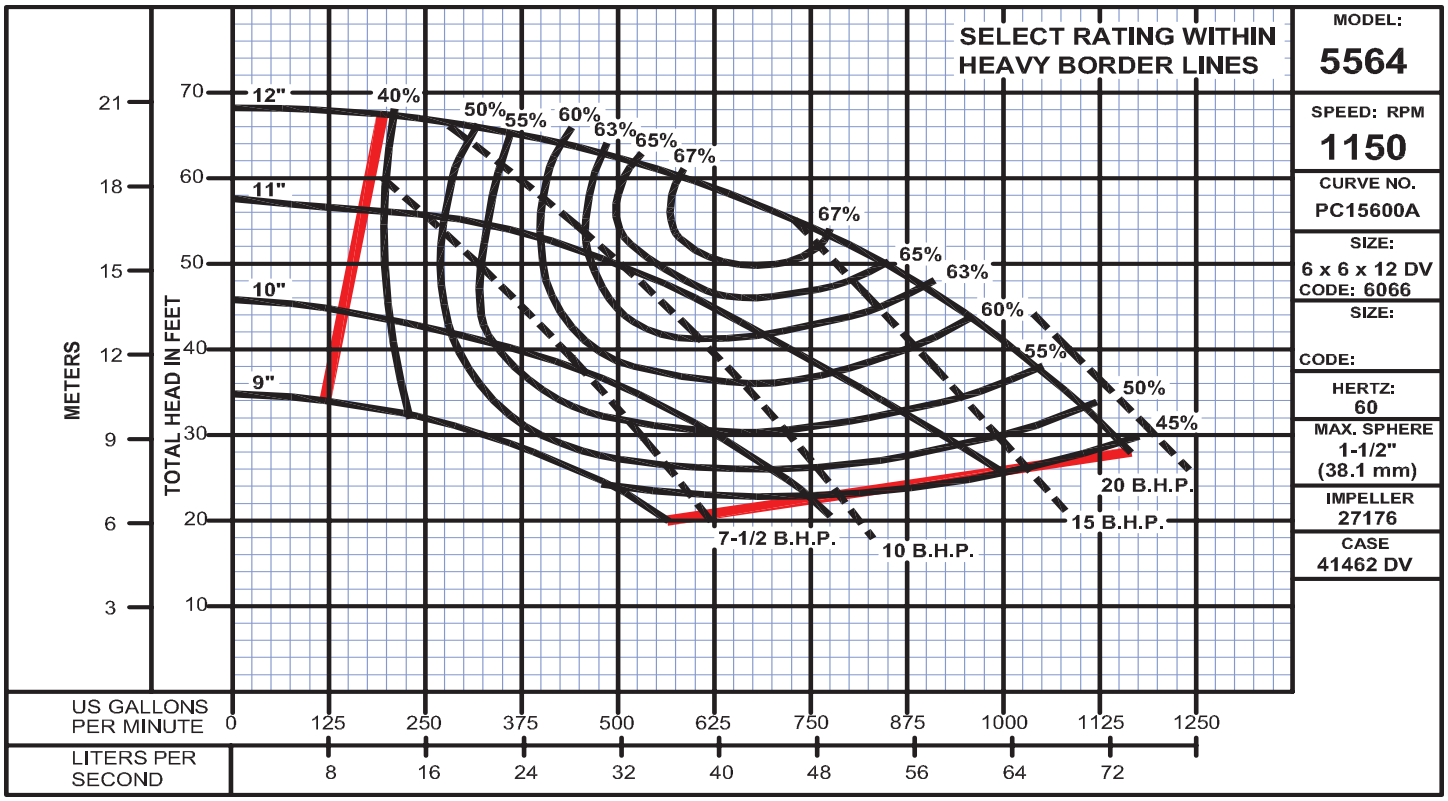
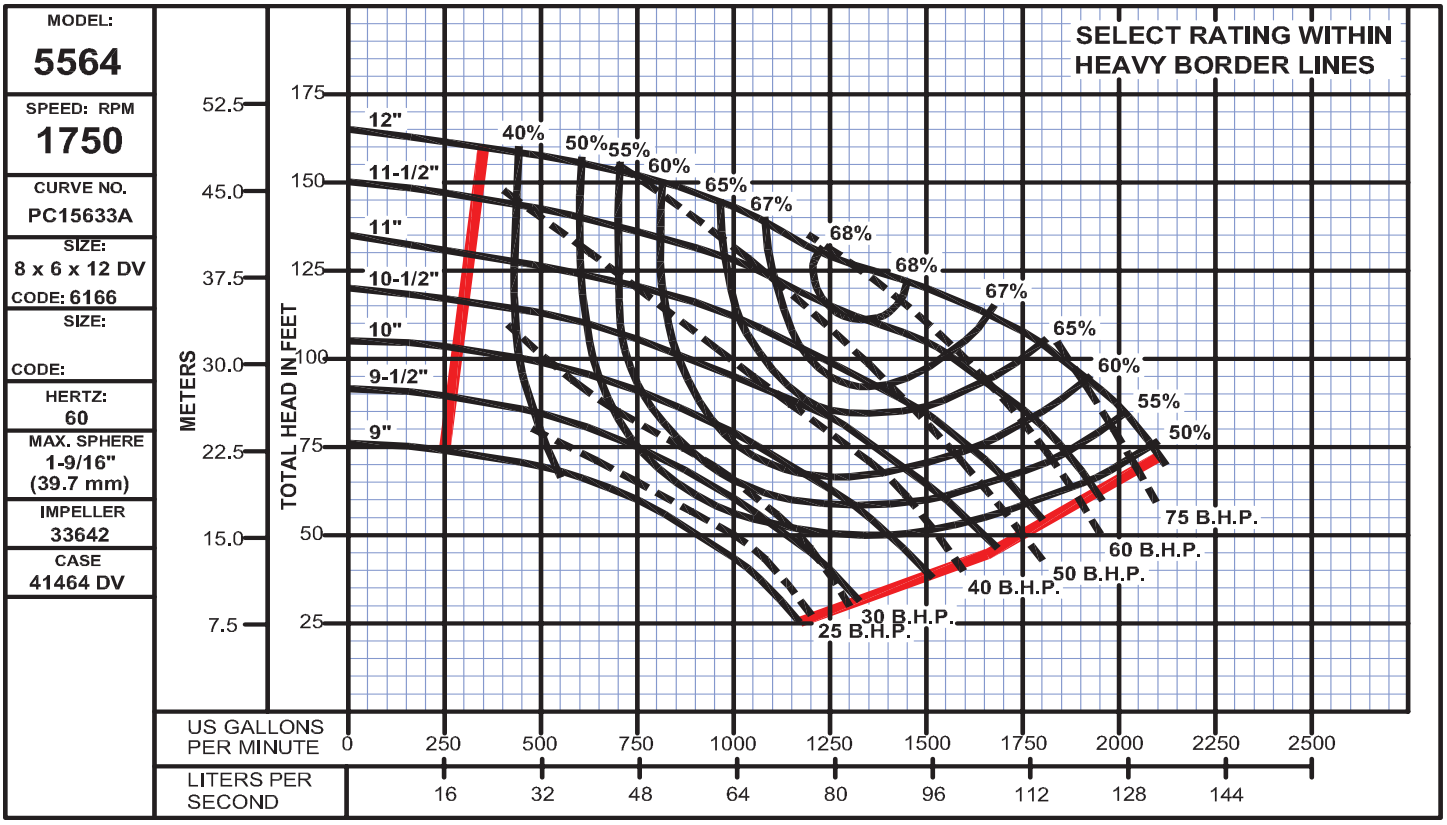


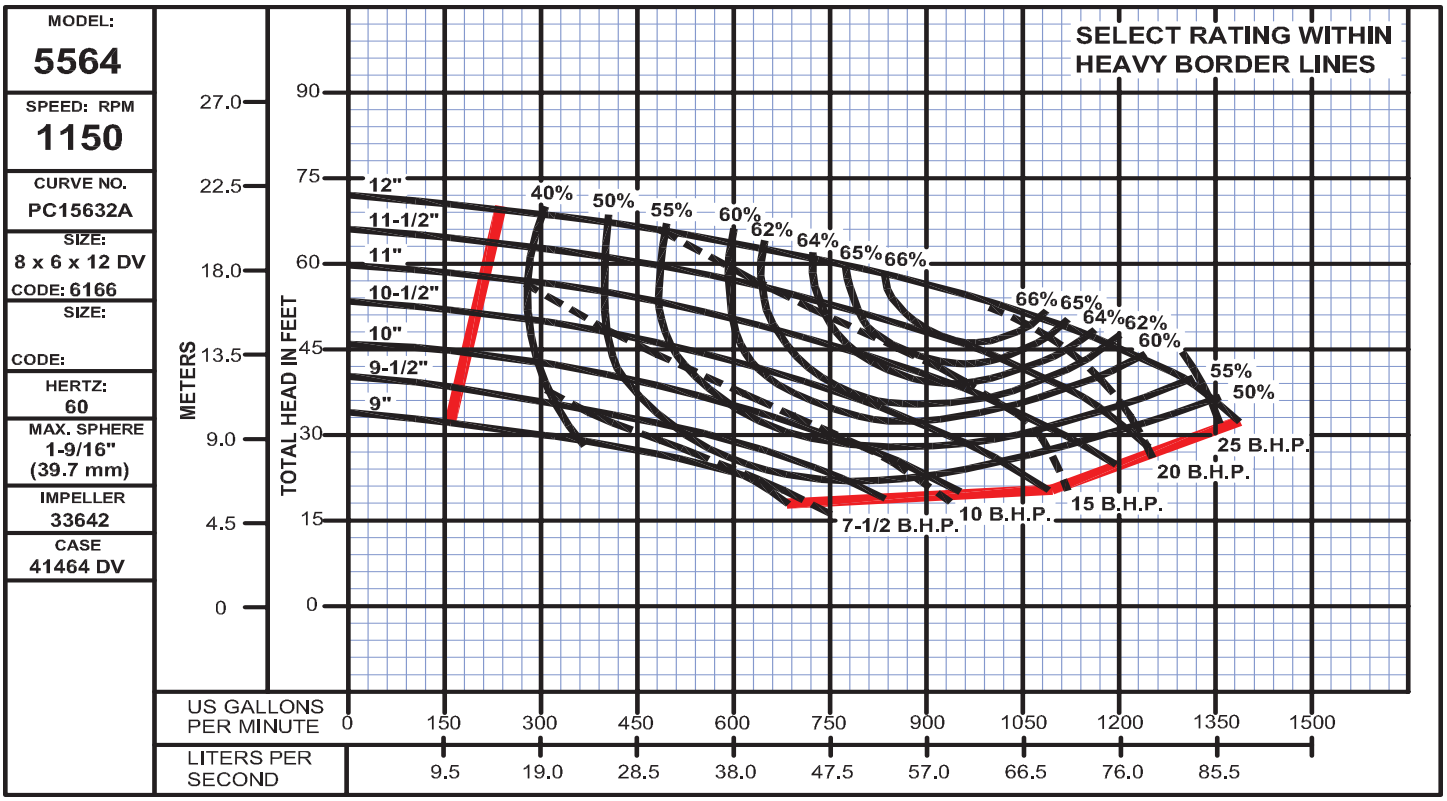
Fig. 5564

Size: 8 x 6 x 12, 1750 & 1150RPM
Bulletin 5562

DEMING®
www.cranepumps.com

Vertical Immersion and Process Pumps





CRANE®
A Crane Co. Company

PUMPS & SYSTEMS

Curves shown performance with liquid having Specific Gravity - 1.0, Viscosity - 30 SSU

USA: (937) 778-8947 • Canada: (905) 457-6223 • International: (937) 615-3598

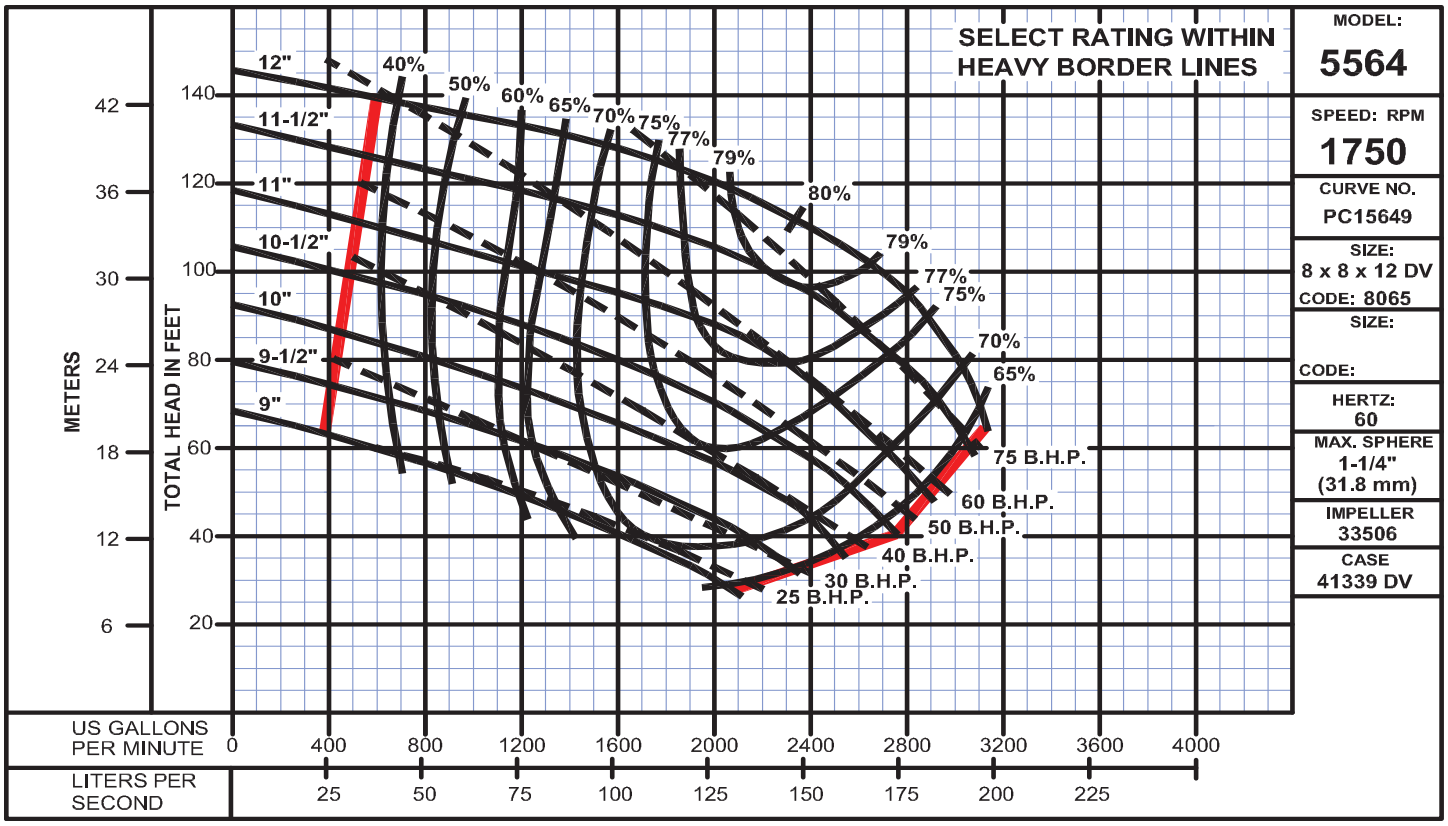
DEMING®

www.cranepumps.com

Fig. 5564

Size: 8 x 8 x 12 DV, 1750 & 1150RPM
Bulletin 5562

Vertical Immersion and Process Pumps



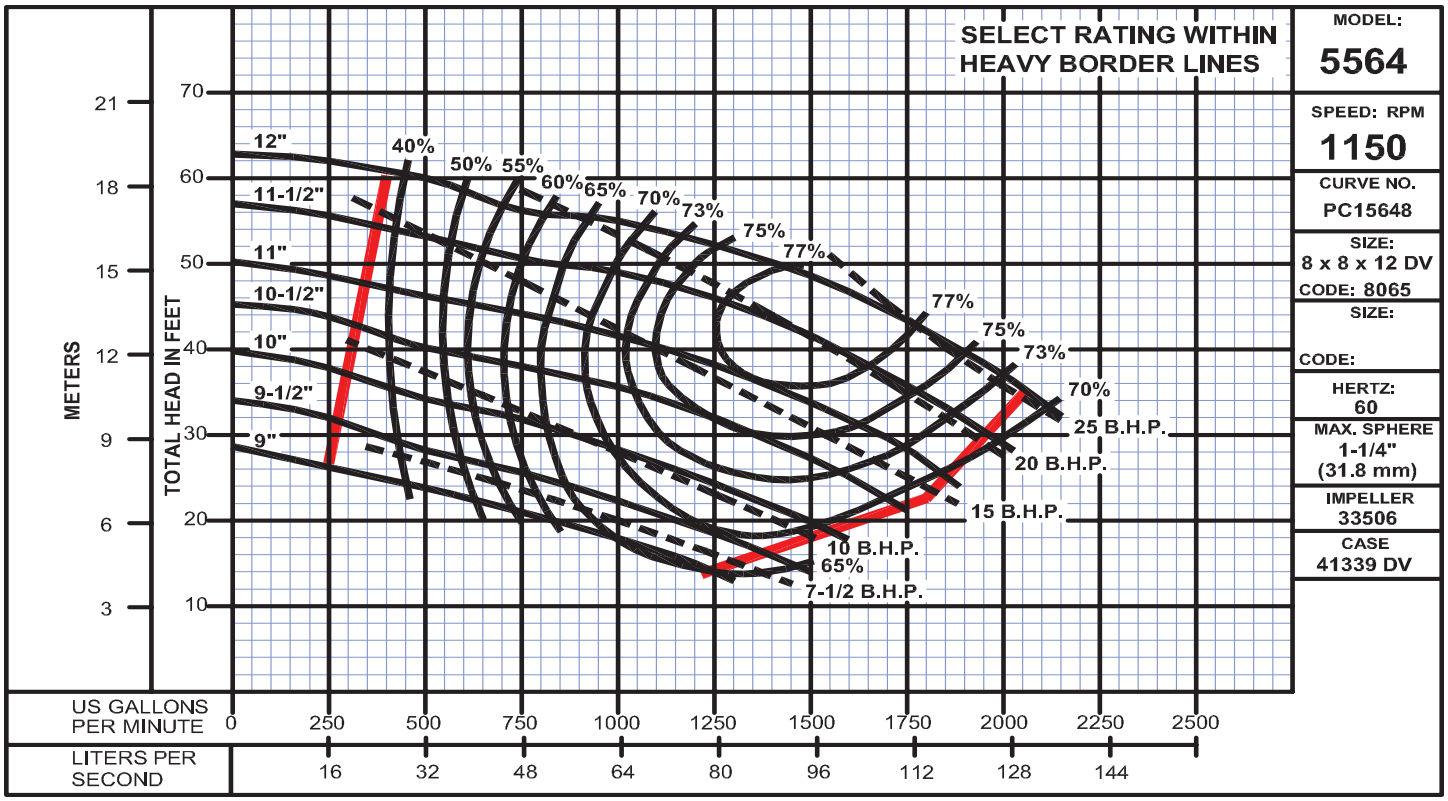
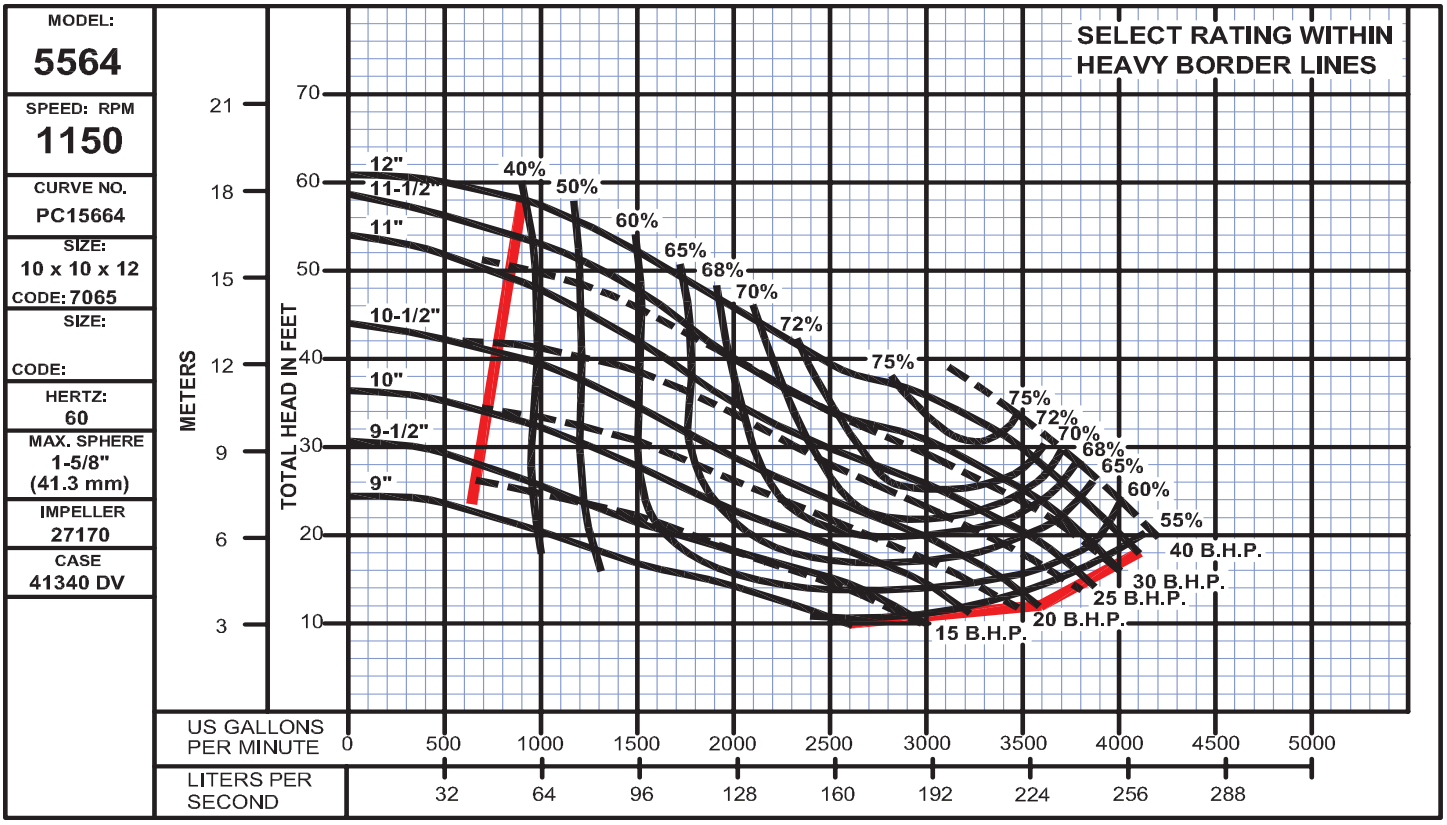


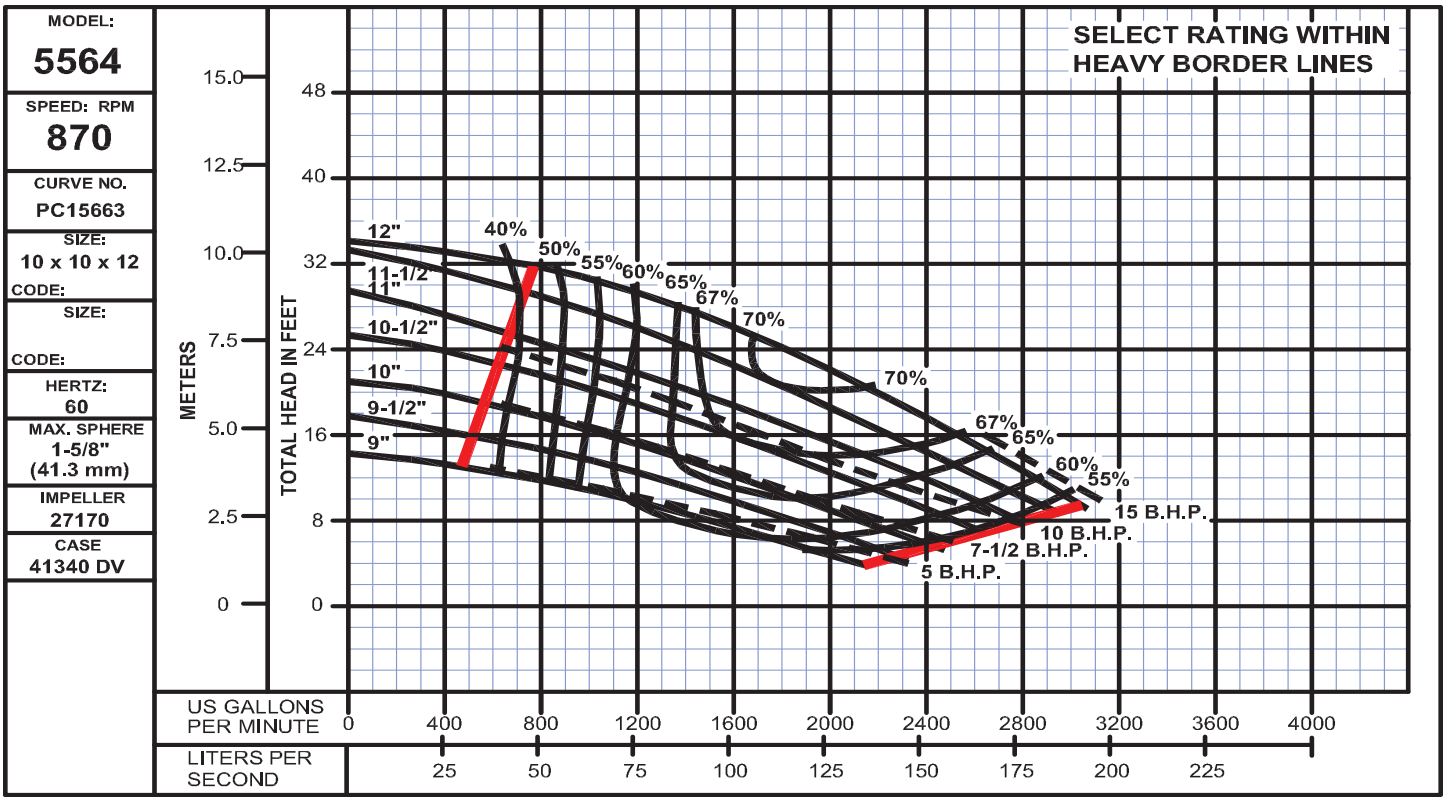
Fig. 5564

Size: 10 x 10 x 12, 1150 & 870RPM
Bulletin 5562

DEMING®
www.cranepumps.com

Vertical Immersion and Process Pumps





CRANE®
A Crane Co. Company

PUMPS & SYSTEMS

Curves shown performance with liquid having Specific Gravity - 1.0, Viscosity - 30 SSU

USA: (937) 778-8947 • Canada: (905) 457-6223 • International: (937) 615-3598