



Edwards Engineering

60 Years of Excellence

Company name: Chiller Solutions LLC

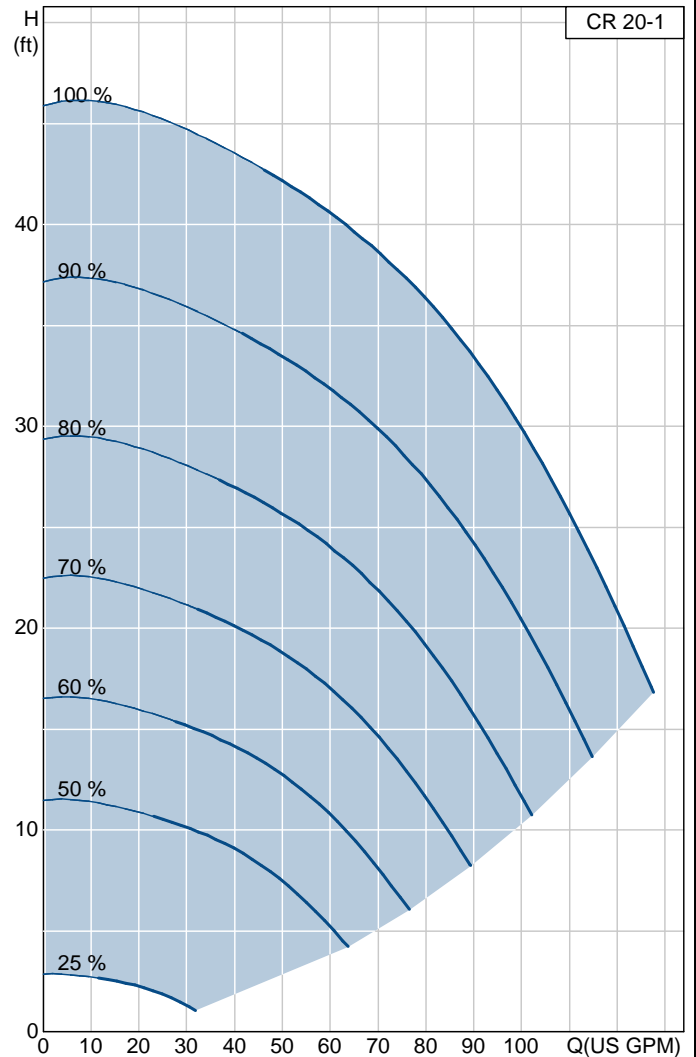
Created by: Engineering Dept.

Phone: 973-835-2800

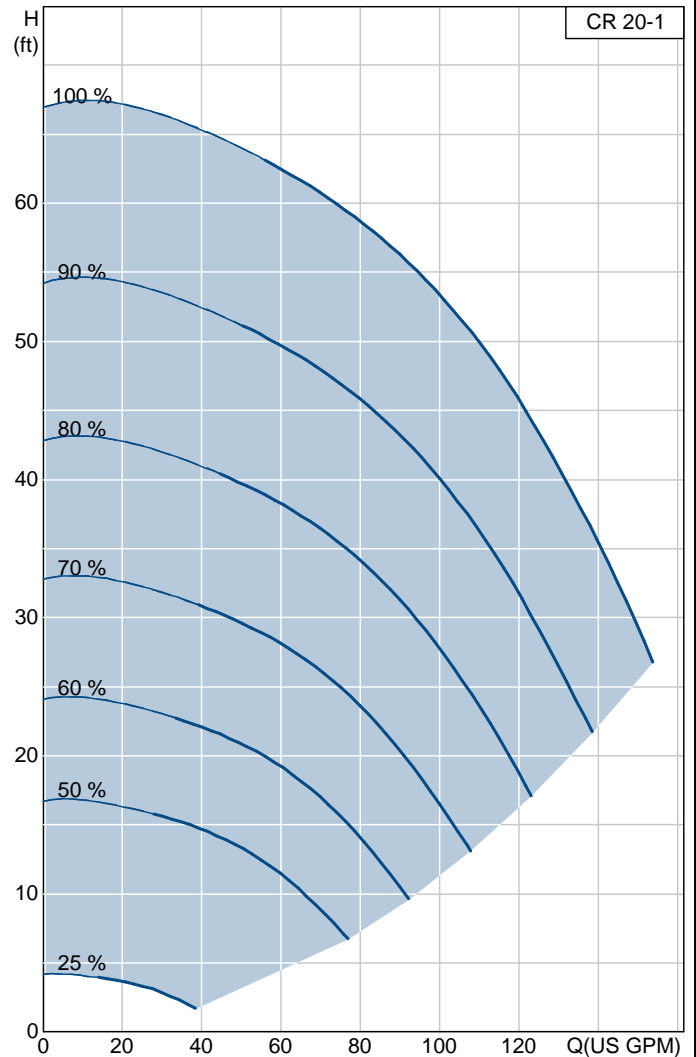
Fax: 973-835-3222

Date: 2/25/2008

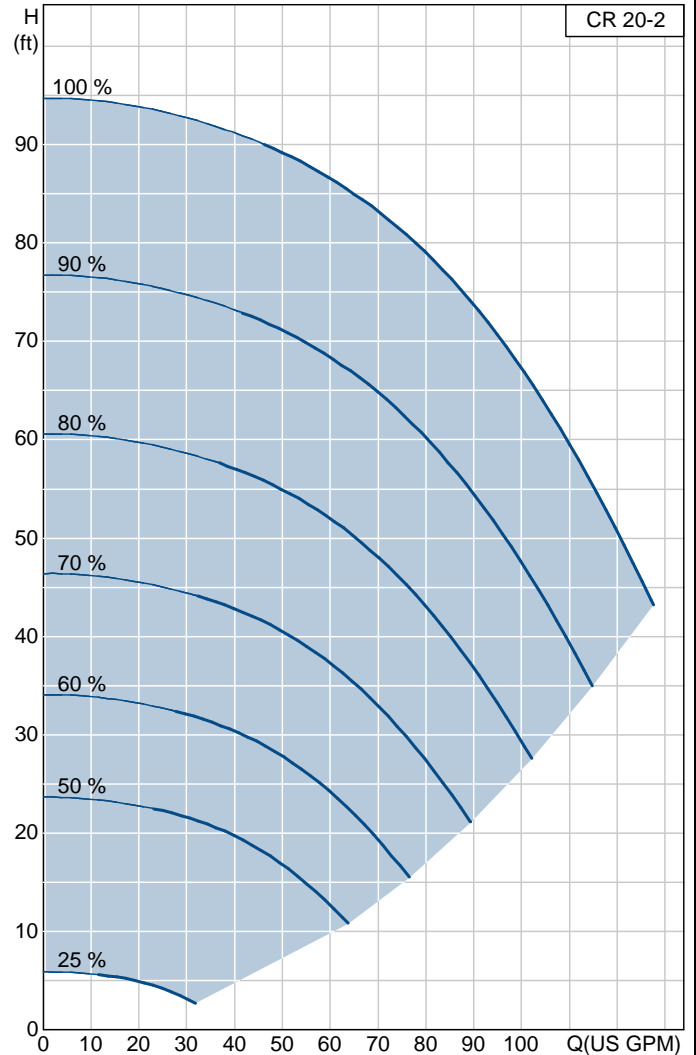
Description	Value
Product name:	CR 20-1 A-A-A-E HQQE
Product Number:	96500338
EAN number:	5700396199726
Technical:	
Speed for pump data:	2853 rpm
Rated flow:	92.46 US GPM
Rated head:	32.5 ft
Impellers:	01
Type of shaft seal:	HQQE
Approvals on nameplate:	CE
Stages:	02
Pump version:	A
Model:	A
Materials:	
Material, pump housing:	Cast iron EN-JL1030 DIN W.-Nr. A48-30 B ASTM
Material, impeller:	Stainless steel 1.4301 DIN W.-Nr. 304 AISI
Material code:	A
Code for rubber:	E
Installation:	
Maximum ambient temperature:	104 °F
Max pressure at stated temp:	145 / 250 psi/°F 145 / -4 psi/°F
Standard, pipe connection:	Oval
Connect code:	A
Size, pipe connection:	Rp 2
Flange size for motor:	FT100
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	80B
Efficiency class:	1
Number of poles:	2
P2:	1.5 HP
Power (P2) required by pump:	1.5 HP
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240 D / 380-415 Y V
Rated current:	4.45 / 2.55 A
Starting current:	640-700 %
Cos phi - power factor:	0,84-0,76
Rated speed:	2820-2860 rpm
Full load motor efficiency:	82,8 %
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	85D05105
Others:	
Net weight:	90.4 lb
Gross weight:	99.2 lb
Shipping volume:	3.18 ft³



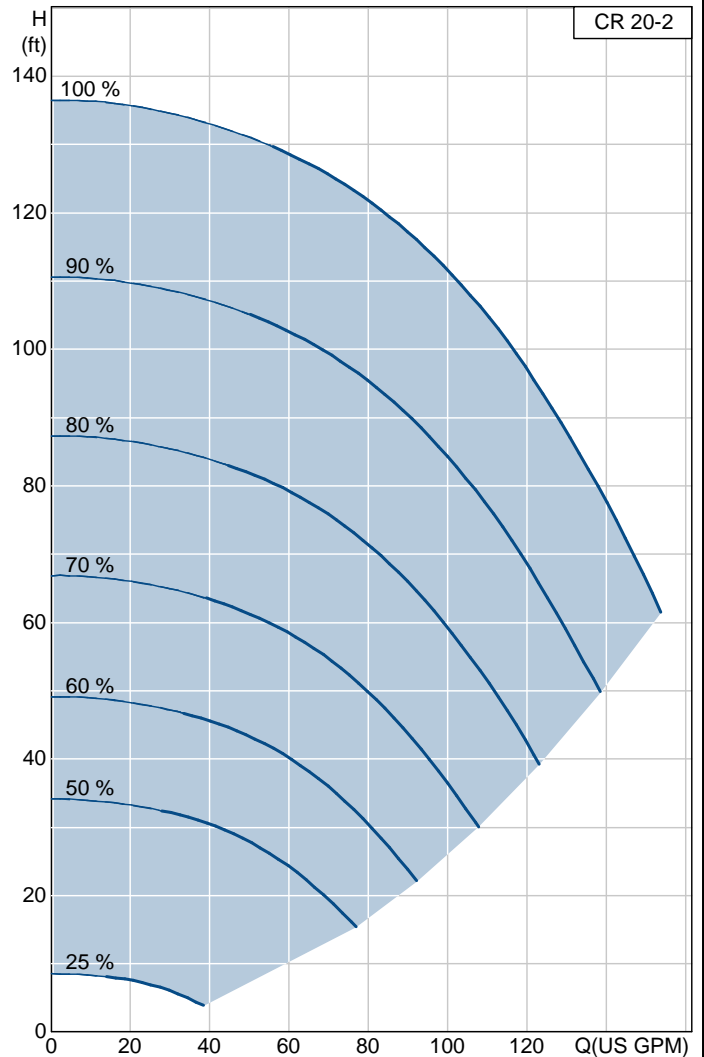
Description	Value
Product name:	CR 20-1 A-B-A-E HQQE
Product Number:	96523829
EAN number:	5700396912073
Technical:	
Speed for pump data:	3461 rpm
Rated flow:	111.4 US GPM
Rated head:	49.5 ft
Impellers:	01
Type of shaft seal:	HQQE
Approvals on nameplate:	NEMA
Stages:	02
Pump version:	A
Model:	A
Cooling:	ODP
Materials:	
Material, pump housing:	Cast iron EN-JL1030 DIN W.-Nr. A48-30 B ASTM
Material, impeller:	Stainless steel 1.4301 DIN W.-Nr. 304 AISI
Material code:	A
Code for rubber:	E
Installation:	
Maximum ambient temperature:	104 °F
Max pressure at stated temp:	145 / 250 psi/°F 145 / -4 psi/°F
Standard, pipe connection:	Oval
Connect code:	B
Size, pipe connection:	2" NPT
Flange size for motor:	182TC
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	3528M
Number of poles:	2
P2:	3 HP
Power (P2) required by pump:	3 HP
Mains frequency:	60 Hz
Rated voltage:	3 x 208-230 / 460 V
Service factor:	1,15
Rated current:	8,40-8,00 / 4 A
Rated speed:	3450 rpm
Full load motor efficiency:	83 %
Enclosure class (IEC 34-5):	IP23
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	84Z04031
Others:	
Net weight:	135 lb
Shipping volume:	4.94 ft ³



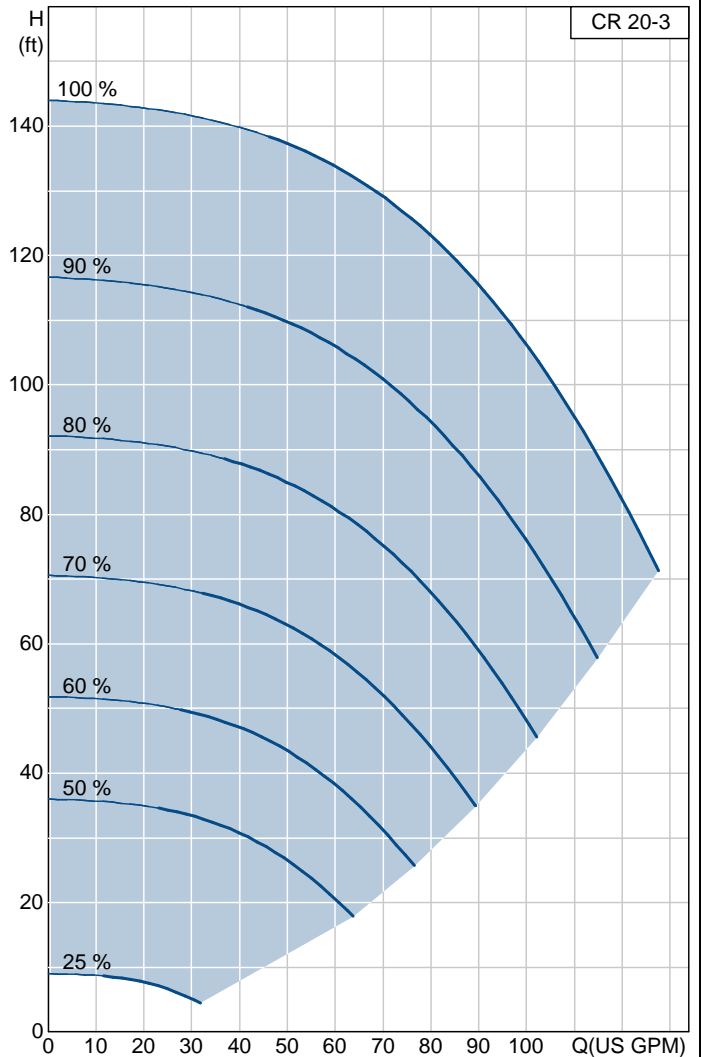
Description	Value
Product name:	CR 20-2 A-A-A-E HQQE
Product Number:	96500339
EAN number:	5700396199740
Technical:	
Speed for pump data:	2899 rpm
Rated flow:	92.46 US GPM
Rated head:	72.2 ft
Impellers:	02
Type of shaft seal:	HQQE
Approvals on nameplate:	CE
Stages:	02
Pump version:	A
Model:	A
Materials:	
Material, pump housing:	Cast iron EN-JL1030 DIN W.-Nr. A48-30 B ASTM
Material, impeller:	Stainless steel 1.4301 DIN W.-Nr. 304 AISI
Material code:	A
Code for rubber:	E
Installation:	
Maximum ambient temperature:	140 °F
Max pressure at stated temp:	145 / 250 psi/°F 145 / -4 psi/°F
Standard, pipe connection:	Oval
Connect code:	A
Size, pipe connection:	Rp 2
Flange size for motor:	FT115
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	90LC
Efficiency class:	1
Number of poles:	2
P2:	3 HP
Power (P2) required by pump:	3 HP
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240 D / 380-415 Y V
Rated current:	7.7 / 4.45 A
Starting current:	850-950 %
Cos phi - power factor:	0.89-0.87
Rated speed:	2890-2910 rpm
Full load motor efficiency:	87,5 %
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	85D05908
Others:	
Net weight:	108 lb
Gross weight:	117 lb
Shipping volume:	3.18 ft³



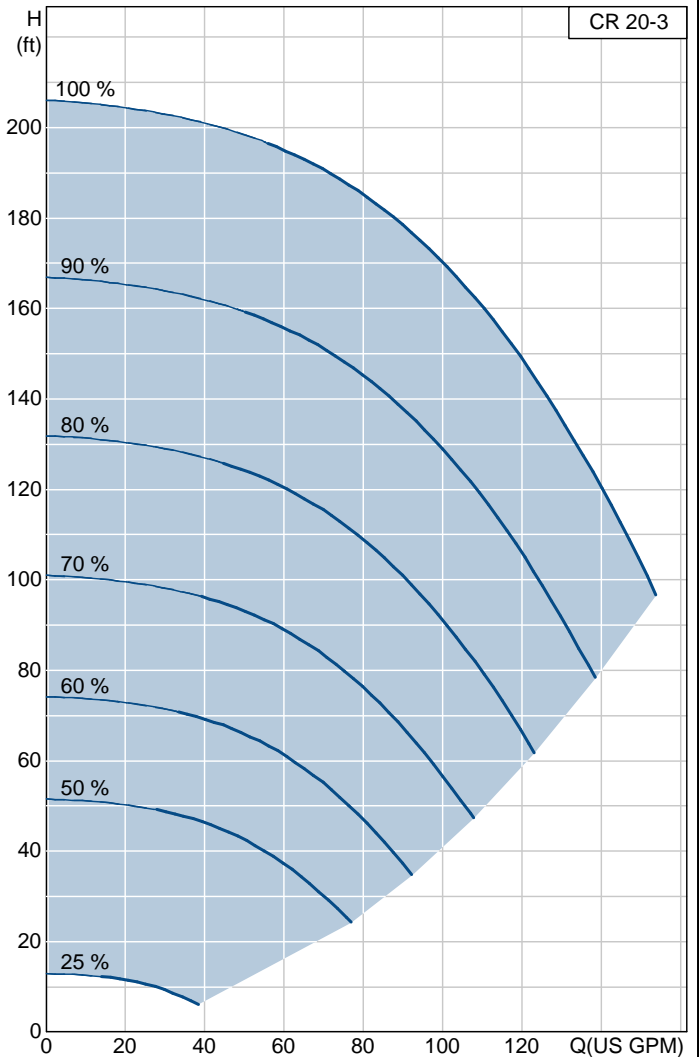
Description	Value
Product name:	CR 20-2 A-B-A-E HQQE
Product Number:	96523830
EAN number:	5700396912097
Technical:	
Speed for pump data:	3461 rpm
Rated flow:	111.4 US GPM
Rated head:	104 ft
Impellers:	02
Type of shaft seal:	HQQE
Approvals on nameplate:	NEMA
Stages:	02
Pump version:	A
Model:	A
Cooling:	ODP
Materials:	
Material, pump housing:	Cast iron EN-JL1030 DIN W.-Nr. A48-30 B ASTM
Material, impeller:	Stainless steel 1.4301 DIN W.-Nr. 304 AISI
Material code:	A
Code for rubber:	E
Installation:	
Maximum ambient temperature:	104 °F
Max pressure at stated temp:	145 / 250 psi/°F 145 / -4 psi/°F
Standard, pipe connection:	Oval
Connect code:	B
Size, pipe connection:	2" NPT
Flange size for motor:	182TC
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	3540M
Number of poles:	2
P2:	5 HP
Power (P2) required by pump:	5 HP
Mains frequency:	60 Hz
Rated voltage:	3 x 208-230 / 460 V
Service factor:	1,15
Rated current:	13-12 / 6 A
Rated speed:	3450 rpm
Full load motor efficiency:	87 %
Enclosure class (IEC 34-5):	IP23
Insulation class (IEC 85):	B
Motor protection:	NONE
Motor Number:	84Z00013
Others:	
Net weight:	152 lb
Shipping volume:	4.94 ft³



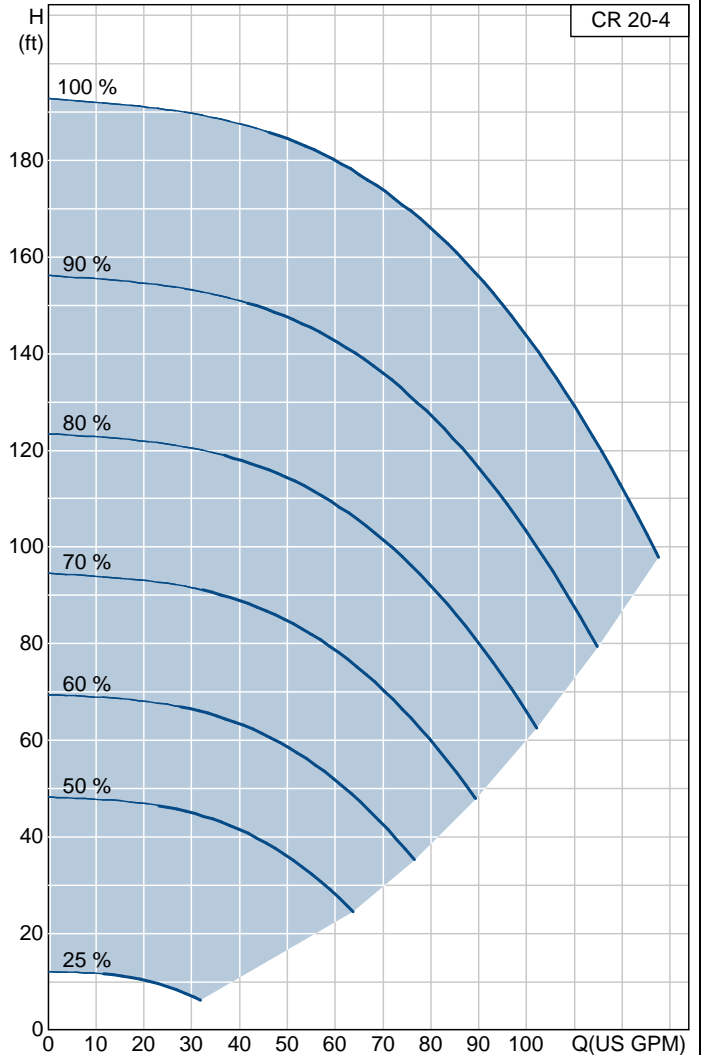
Description	Value
Product name:	CR 20-3 A-A-A-E HQQE
Product Number:	96500340
EAN number:	5700396199764
Technical:	
Speed for pump data:	2917 rpm
Rated flow:	92.46 US GPM
Rated head:	114 ft
Impellers:	03
Type of shaft seal:	HQQE
Approvals on nameplate:	CE
Stages:	03
Pump version:	A
Model:	A
Materials:	
Material, pump housing:	Cast iron EN-JL1030 DIN W.-Nr. A48-30 B ASTM
Material, impeller:	Stainless steel 1.4301 DIN W.-Nr. 304 AISI
Material code:	A
Code for rubber:	E
Installation:	
Maximum ambient temperature:	140 °F
Max pressure at stated temp:	145 / 250 psi/°F 145 / -4 psi/°F
Standard, pipe connection:	Oval
Connect code:	A
Size, pipe connection:	Rp 2
Flange size for motor:	FT130
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	112MC
Efficiency class:	1
Number of poles:	2
P2:	5.5 HP
Power (P2) required by pump:	5.5 HP
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240 D / 380-415 Y V
Rated current:	13.8 / 8 A
Starting current:	1120-1230 %
Cos phi - power factor:	0,88-0,84
Rated speed:	2910-2930 rpm
Full load motor efficiency:	89 %
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protection:	PTC
Motor Number:	85D05413
Others:	
Net weight:	143 lb
Gross weight:	152 lb
Shipping volume:	4.24 ft³



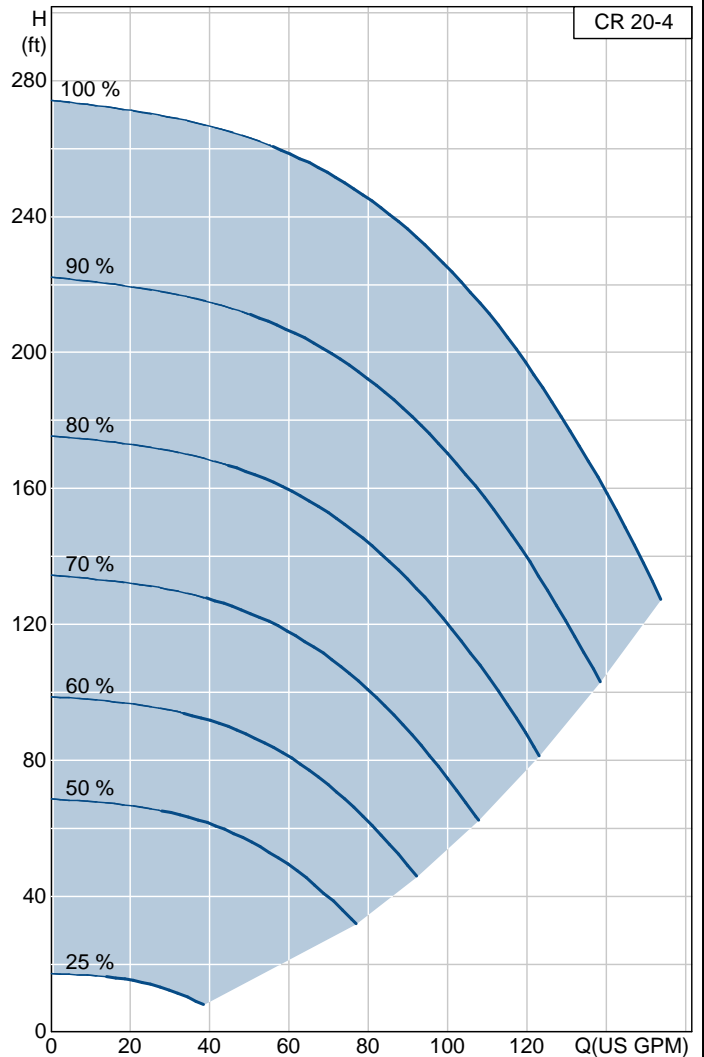
Description	Value
Product name:	CR 20-3 A-B-A-E HQQE
Product Number:	96523831
EAN number:	5700396912110
Technical:	
Speed for pump data:	3467 rpm
Rated flow:	111.4 US GPM
Rated head:	159 ft
Impellers:	03
Type of shaft seal:	HQQE
Approvals on nameplate:	NEMA
Stages:	03
Pump version:	A
Model:	A
Cooling:	ODP
Materials:	
Material, pump housing:	Cast iron EN-JL1030 DIN W.-Nr. A48-30 B ASTM
Material, impeller:	Stainless steel 1.4301 DIN W.-Nr. 304 AISI
Material code:	A
Code for rubber:	E
Installation:	
Maximum ambient temperature:	104 °F
Max pressure at stated temp:	145 / 250 psi/°F 145 / -4 psi/°F
Standard, pipe connection:	Oval
Connect code:	B
Size, pipe connection:	2" NPT
Flange size for motor:	213TC
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	3723M
Number of poles:	2
P2:	7.5 HP
Power (P2) required by pump:	7.5 HP
Mains frequency:	60 Hz
Rated voltage:	3 x 208-230 / 460 V
Service factor:	1,15
Rated current:	19-18 / 9 A
Rated speed:	3450 rpm
Full load motor efficiency:	85,5 %
Enclosure class (IEC 34-5):	IP23
Insulation class (IEC 85):	B
Motor protection:	NONE
Motor Number:	84Z00015
Others:	
Net weight:	174 lb
Shipping volume:	4.94 ft³



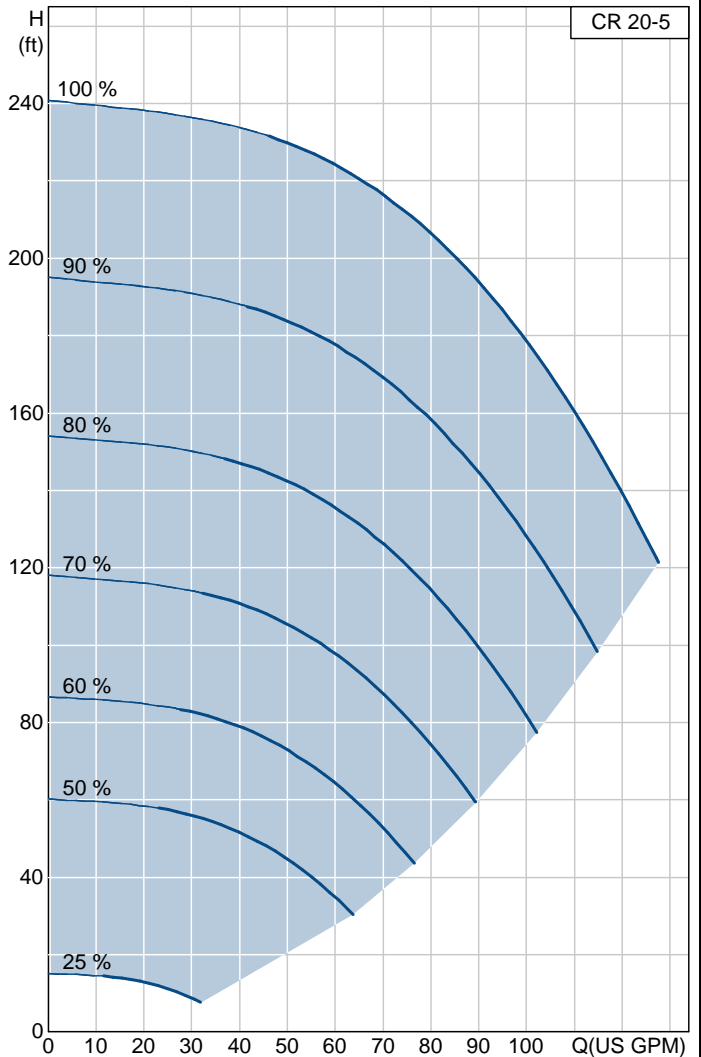
Description	Value
Product name:	CR 20-4 A-A-A-E HQQE
Product Number:	96500341
EAN number:	5700396199788
Technical:	
Speed for pump data:	2919 rpm
Rated flow:	92.46 US GPM
Rated head:	153 ft
Impellers:	04
Type of shaft seal:	HQQE
Approvals on nameplate:	CE
Stages:	04
Pump version:	A
Model:	A
Materials:	
Material, pump housing:	Cast iron EN-JL1030 DIN W.-Nr. A48-30 B ASTM
Material, impeller:	Stainless steel 1.4301 DIN W.-Nr. 304 AISI
Material code:	A
Code for rubber:	E
Installation:	
Maximum ambient temperature:	140 °F
Max pressure at stated temp:	145 / 250 psi/°F 145 / -4 psi/°F
Standard, pipe connection:	Oval
Connect code:	A
Size, pipe connection:	Rp 2
Flange size for motor:	FF265
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	132SC
Efficiency class:	1
Number of poles:	2
P2:	7.5 HP
Power (P2) required by pump:	7.5 HP
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240 D / 380-415 Y V
Rated current:	19.4 / 11.2 A
Starting current:	1070-1170 %
Cos phi - power factor:	0,88-0,84
Rated speed:	2910-2930 rpm
Full load motor efficiency:	90 %
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protection:	PTC
Motor Number:	85D07417
Others:	
Net weight:	192 lb
Gross weight:	229 lb
Shipping volume:	15.2 ft ³



Description	Value
Product name:	CR 20-4 A-B-A-E HQQE
Product Number:	96523832
EAN number:	5700396912134
Technical:	
Speed for pump data:	3470 rpm
Rated flow:	111.4 US GPM
Rated head:	210 ft
Impellers:	04
Type of shaft seal:	HQQE
Approvals on nameplate:	NEMA
Stages:	04
Pump version:	A
Model:	A
Cooling:	ODP
Materials:	
Material, pump housing:	Cast iron EN-JL1030 DIN W.-Nr. A48-30 B ASTM
Material, impeller:	Stainless steel 1.4301 DIN W.-Nr. 304 AISI
Material code:	A
Code for rubber:	E
Installation:	
Maximum ambient temperature:	104 °F
Max pressure at stated temp:	145 / 250 psi/°F 145 / -4 psi/°F
Standard, pipe connection:	Oval
Connect code:	B
Size, pipe connection:	2" NPT
Flange size for motor:	213TC
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	3723M
Number of poles:	2
P2:	10 HP
Power (P2) required by pump:	10 HP
Mains frequency:	60 Hz
Rated voltage:	3 x 208-230 / 460 V
Service factor:	1,15
Rated current:	27-25 / 12.5 A
Rated speed:	3450 rpm
Full load motor efficiency:	85,5 %
Enclosure class (IEC 34-5):	IP23
Insulation class (IEC 85):	B
Motor protection:	NONE
Motor Number:	84Z00017
Others:	
Net weight:	190 lb
Shipping volume:	4.94 ft ³



Description	Value
Product name:	CR 20-5 A-A-A-E HQQE
Product Number:	96500342
EAN number:	5700396199801
Technical:	
Speed for pump data:	2919 rpm
Rated flow:	92.46 US GPM
Rated head:	190 ft
Impellers:	05
Type of shaft seal:	HQQE
Approvals on nameplate:	CE
Stages:	05
Pump version:	A
Model:	A
Materials:	
Material, pump housing:	Cast iron EN-JL1030 DIN W.-Nr. A48-30 B ASTM
Material, impeller:	Stainless steel 1.4301 DIN W.-Nr. 304 AISI
Material code:	A
Code for rubber:	E
Installation:	
Maximum ambient temperature:	140 °F
Max pressure at stated temp:	145 / 250 psi/°F 145 / -4 psi/°F
Standard, pipe connection:	Oval
Connect code:	A
Size, pipe connection:	Rp 2
Flange size for motor:	FF265
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	132SC
Efficiency class:	1
Number of poles:	2
P2:	7.5 HP
Power (P2) required by pump:	7.5 HP
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240 D / 380-415 Y V
Rated current:	19.4 / 11.2 A
Starting current:	1070-1170 %
Cos phi - power factor:	0,88-0,84
Rated speed:	2910-2930 rpm
Full load motor efficiency:	90 %
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protection:	PTC
Motor Number:	85D07417
Others:	
Net weight:	196 lb
Gross weight:	236 lb
Shipping volume:	15.2 ft³





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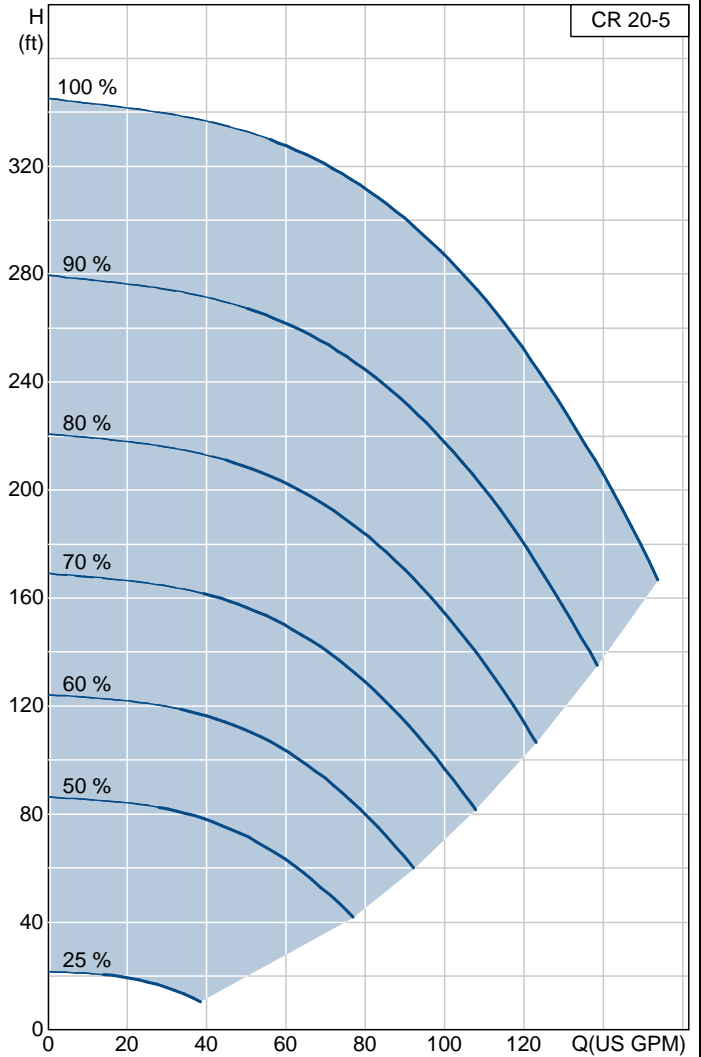
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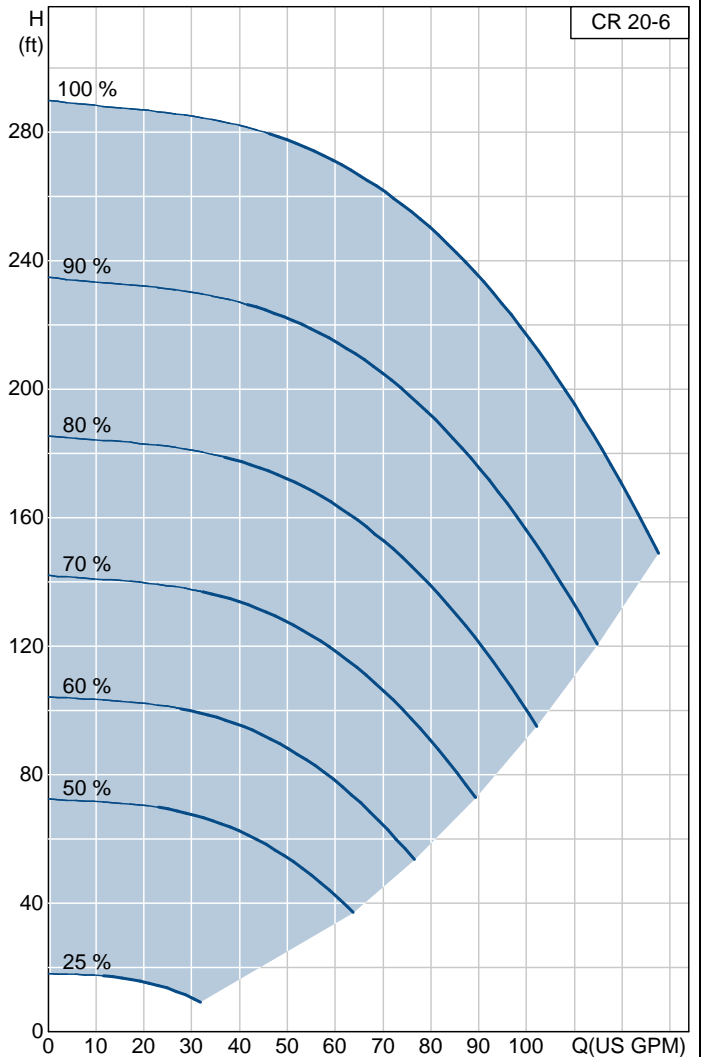
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Date: 2/12/2008

Description	Value
Product name:	CR 20-5 A-B-A-E HQQE
Product Number:	96523833
EAN number:	5700396912158
Technical:	
Speed for pump data:	3444 rpm
Rated flow:	111.4 US GPM
Rated head:	269 ft
Impellers:	05
Type of shaft seal:	HQQE
Approvals on nameplate:	NEMA
Stages:	05
Pump version:	A
Model:	A
Cooling:	ODP
Materials:	
Material, pump housing:	Cast iron EN-JL1030 DIN W.-Nr. A48-30 B ASTM
Material, impeller:	Stainless steel 1.4301 DIN W.-Nr. 304 AISI
Material code:	A
Code for rubber:	E
Installation:	
Maximum ambient temperature:	104 °F
Max pressure at stated temp:	145 / 250 psi/°F 145 / -4 psi/°F
Standard, pipe connection:	Oval
Connect code:	B
Size, pipe connection:	2" NPT
Flange size for motor:	254TC
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	3729M
Number of poles:	2
P2:	15 HP
Power (P2) required by pump:	15 HP
Mains frequency:	60 Hz
Rated voltage:	3 x 208-230 / 460 V
Service factor:	1,15
Rated current:	38-36 / 18 A
Rated speed:	3450 rpm
Full load motor efficiency:	85,5 %
Enclosure class (IEC 34-5):	IP23
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	84Z00019
Others:	
Net weight:	229 lb
Shipping volume:	6 ft³



Description	Value
Product name:	CR 20-6 A-A-A-E HQQE
Product Number:	96500343
EAN number:	5700396199825
Technical:	
Speed for pump data:	2919 rpm
Rated flow:	92.46 US GPM
Rated head:	231 ft
Impellers:	06
Type of shaft seal:	HQQE
Approvals on nameplate:	CE
Stages:	06
Pump version:	A
Model:	A
Materials:	
Material, pump housing:	Cast iron EN-JL1030 DIN W.-Nr. A48-30 B ASTM
Material, impeller:	Stainless steel 1.4301 DIN W.-Nr. 304 AISI
Material code:	A
Code for rubber:	E
Installation:	
Maximum ambient temperature:	140 °F
Max pressure at stated temp:	145 / 250 psi/°F 145 / -4 psi/°F
Standard, pipe connection:	Oval
Connect code:	A
Size, pipe connection:	Rp 2
Flange size for motor:	FF265
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	132SD
Efficiency class:	1
Number of poles:	2
P2:	10 HP
Power (P2) required by pump:	10 HP
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240 D / 380-415 Y V
Rated current:	26.5 / 15.2 A
Starting current:	1000-1110 %
Cos phi - power factor:	0,87-0,80
Rated speed:	2900-2920 rpm
Full load motor efficiency:	89,5 %
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protection:	PTC
Motor Number:	85D07422
Others:	
Net weight:	203 lb
Gross weight:	245 lb
Shipping volume:	15.2 ft³





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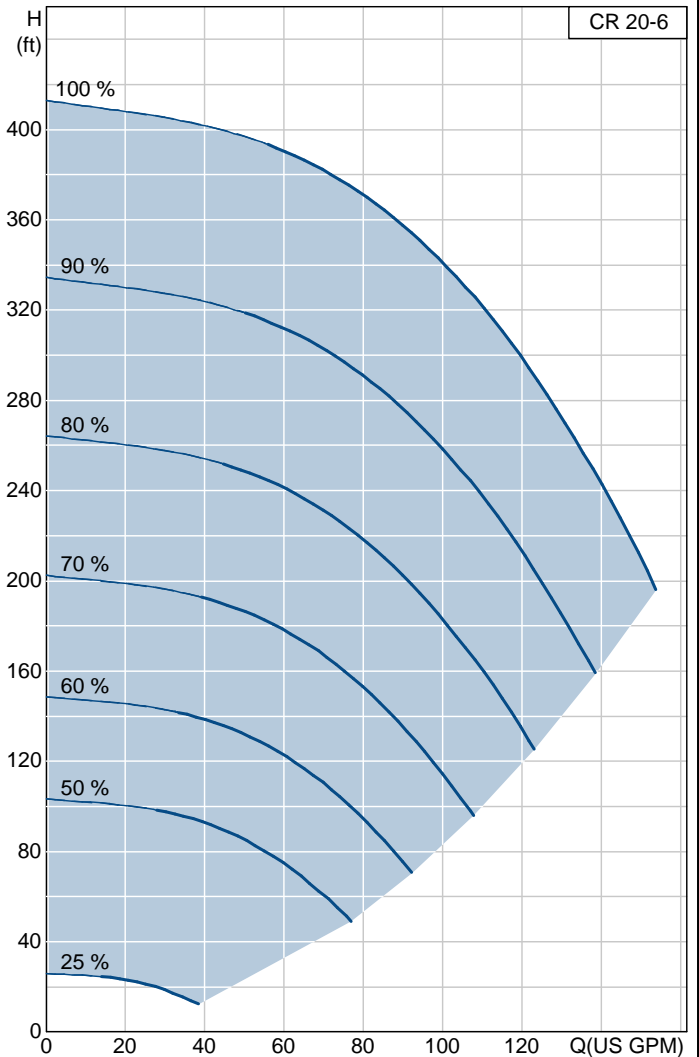
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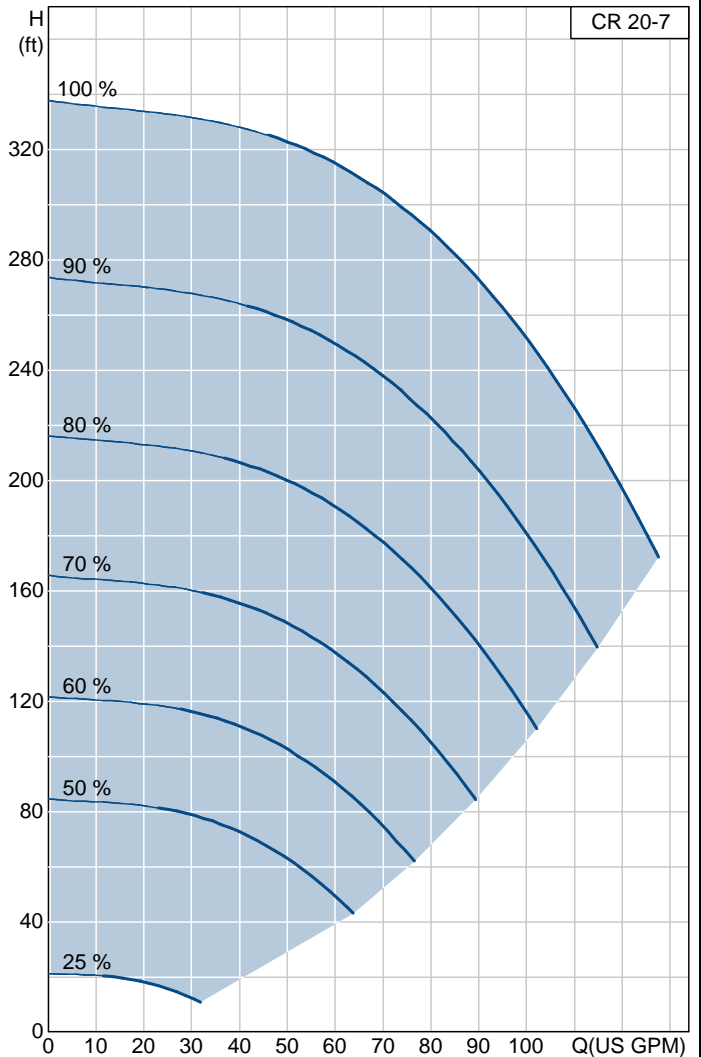
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Date: 2/12/2008

Description	Value
Product name:	CR 20-6 A-GJ-A-E HQQE
Product Number:	96523839
EAN number:	5700396912271
Technical:	
Speed for pump data:	3444 rpm
Rated flow:	111.4 US GPM
Rated head:	319 ft
Impellers:	06
Type of shaft seal:	HQQE
Approvals on nameplate:	NEMA
Stages:	06
Pump version:	A
Model:	A
Cooling:	ODP
Materials:	
Material, pump housing:	Cast iron EN-JL1030 DIN W.-Nr. A48-30 B ASTM
Material, impeller:	Stainless steel 1.4301 DIN W.-Nr. 304 AISI
Material code:	A
Code for rubber:	E
Installation:	
Maximum ambient temperature:	104 °F
Max pressure at stated temp:	232 / 250 psi/°F 232 / -4 psi/°F
Standard, pipe connection:	ANSI
Connect code:	GJ
Size, pipe connection:	2"
Pressure stage, pipe connec.:	Class 250
Flange size for motor:	254TC
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	3729M
Number of poles:	2
P2:	15 HP
Power (P2) required by pump:	15 HP
Mains frequency:	60 Hz
Rated voltage:	3 x 208-230 / 460 V
Service factor:	1,15
Rated current:	38-36 / 18 A
Rated speed:	3450 rpm
Full load motor efficiency:	85,5 %
Enclosure class (IEC 34-5):	IP23
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	84Z00019
Others:	
Net weight:	234 lb
Shipping volume:	6 ft³



Description	Value
Product name:	CR 20-7 A-A-A-E HQQE
Product Number:	96500344
EAN number:	5700396199849
Technical:	
Speed for pump data:	2919 rpm
Rated flow:	92.46 US GPM
Rated head:	268 ft
Impellers:	07
Type of shaft seal:	HQQE
Approvals on nameplate:	CE
Stages:	07
Pump version:	A
Model:	A
Materials:	
Material, pump housing:	Cast iron EN-JL1030 DIN W.-Nr. A48-30 B ASTM
Material, impeller:	Stainless steel 1.4301 DIN W.-Nr. 304 AISI
Material code:	A
Code for rubber:	E
Installation:	
Maximum ambient temperature:	140 °F
Max pressure at stated temp:	145 / 250 psi/°F 145 / -4 psi/°F
Standard, pipe connection:	Oval
Connect code:	A
Size, pipe connection:	Rp 2
Flange size for motor:	FF265
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	132SD
Efficiency class:	1
Number of poles:	2
P2:	10 HP
Power (P2) required by pump:	10 HP
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240 D / 380-415 Y V
Rated current:	26.5 / 15.2 A
Starting current:	1000-1110 %
Cos phi - power factor:	0,87-0,80
Rated speed:	2900-2920 rpm
Full load motor efficiency:	89,5 %
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protection:	PTC
Motor Number:	85D07422
Others:	
Net weight:	207 lb
Gross weight:	247 lb
Shipping volume:	15.2 ft³





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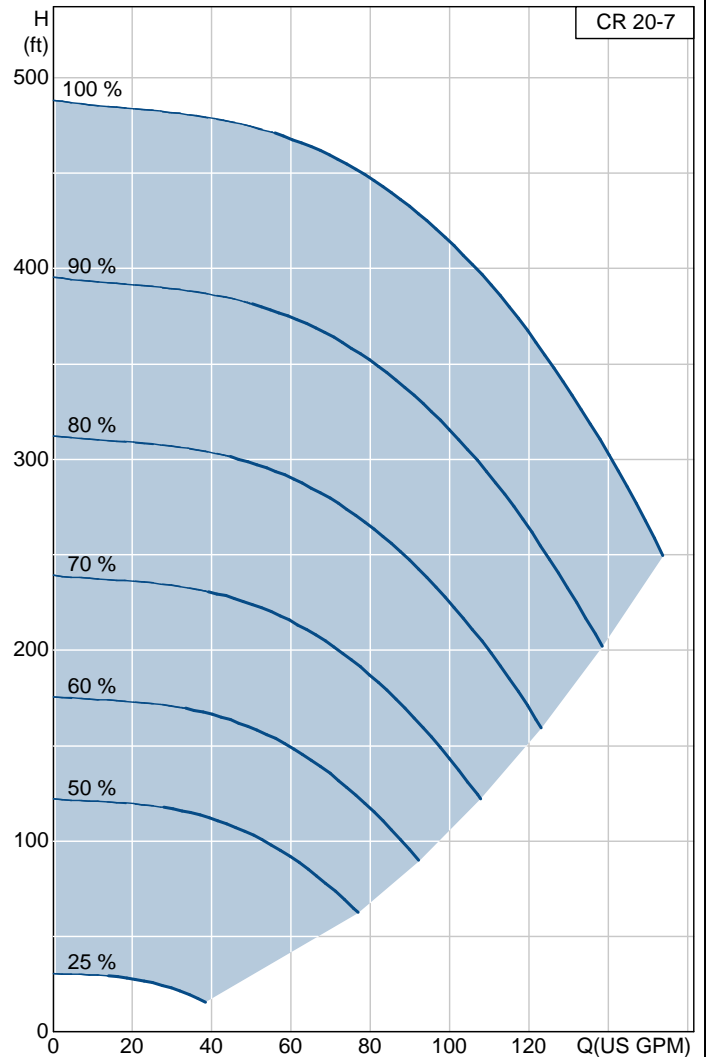
Created by: Engineering Dept.

Phone: 973-835-2800

Fax: 973-835-3222

Date: 2/12/2008

Description	Value
Product name:	CR 20-7 A-GJ-A-E HQQE
Product Number:	96523840
EAN number:	5700396912295
Technical:	
Speed for pump data:	3497 rpm
Rated flow:	111.4 US GPM
Rated head:	389 ft
Impellers:	07
Type of shaft seal:	HQQE
Approvals on nameplate:	NEMA
Stages:	07
Pump version:	A
Model:	A
Cooling:	ODP
Materials:	
Material, pump housing:	Cast iron EN-JL1030 DIN W.-Nr. A48-30 B ASTM
Material, impeller:	Stainless steel 1.4301 DIN W.-Nr. 304 AISI
Material code:	A
Code for rubber:	E
Installation:	
Maximum ambient temperature:	104 °F
Max pressure at stated temp:	232 / 250 psi/°F 232 / -4 psi/°F
Standard, pipe connection:	ANSI
Connect code:	GJ
Size, pipe connection:	2"
Pressure stage, pipe connec.:	Class 250
Flange size for motor:	254TC
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	254TC
Number of poles:	2
P2:	20 HP
Power (P2) required by pump:	20 HP
Mains frequency:	60 Hz
Rated voltage:	3 x 230 / 460 V
Rated speed:	3525 rpm
Enclosure class (IEC 34-5):	IP23
Insulation class (IEC 85):	B
Motor protection:	NONE
Motor Number:	84Z03374
Others:	
Net weight:	287 lb
Shipping volume:	12 ft ³





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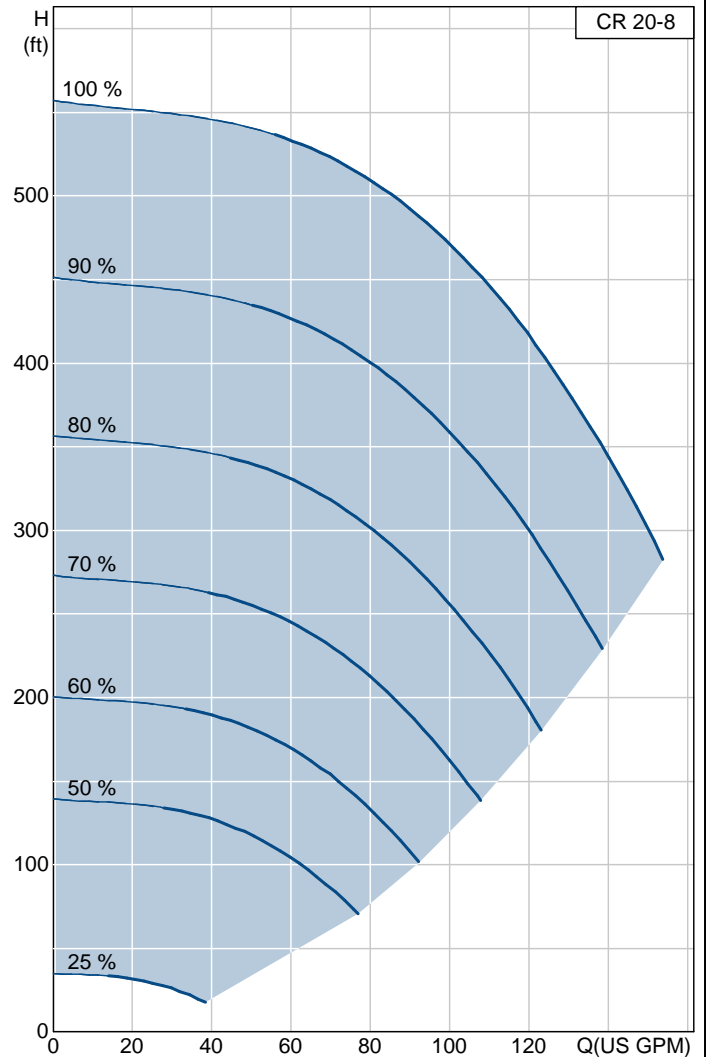
Created by: Engineering Dept.

Phone: 973-835-2800

Fax: 973-835-3222

Date: 2/12/2008

Description	Value
Product name:	CR 20-8 A-GJ-A-E HQQE
Product Number:	96523841
EAN number:	5700396912318
Technical:	
Speed for pump data:	3497 rpm
Rated flow:	111.4 US GPM
Rated head:	443 ft
Impellers:	08
Type of shaft seal:	HQQE
Approvals on nameplate:	NEMA
Stages:	08
Pump version:	A
Model:	A
Cooling:	ODP
Materials:	
Material, pump housing:	Cast iron EN-JL1030 DIN W.-Nr. A48-30 B ASTM
Material, impeller:	Stainless steel 1.4301 DIN W.-Nr. 304 AISI
Material code:	A
Code for rubber:	E
Installation:	
Maximum ambient temperature:	104 °F
Max pressure at stated temp:	363 / 250 psi/°F 363 / -4 psi/°F
Standard, pipe connection:	ANSI
Connect code:	GJ
Size, pipe connection:	2"
Pressure stage, pipe connec.:	Class 250
Flange size for motor:	254TC
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	254TC
Number of poles:	2
P2:	20 HP
Power (P2) required by pump:	20 HP
Mains frequency:	60 Hz
Rated voltage:	3 x 230 / 460 V
Rated speed:	3525 rpm
Enclosure class (IEC 34-5):	IP23
Insulation class (IEC 85):	B
Motor protection:	NONE
Motor Number:	84Z03374
Others:	
Net weight:	293 lb
Shipping volume:	12 ft ³





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Date: 2/12/2008

Description	Value
Product name:	CR 20-10 A-GJ-A-E HQQE
Product Number:	96523842
EAN number:	5700396912332
Technical:	
Speed for pump data:	3521 rpm
Rated flow:	111.4 US GPM
Rated head:	561 ft
Impellers:	10
Type of shaft seal:	HQQE
Approvals on nameplate:	NEMA
Stages:	10
Pump version:	A
Model:	A
Cooling:	ODP
Materials:	
Material, pump housing:	Cast iron EN-JL1030 DIN W.-Nr. A48-30 B ASTM
Material, impeller:	Stainless steel 1.4301 DIN W.-Nr. 304 AISI
Material code:	A
Code for rubber:	E
Installation:	
Maximum ambient temperature:	104 °F
Max pressure at stated temp:	363 / 250 psi/°F 363 / -4 psi/°F
Standard, pipe connection:	ANSI
Connect code:	GJ
Size, pipe connection:	2"
Pressure stage, pipe connec.:	Class 250
Flange size for motor:	284TC
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	284TSC
Number of poles:	2
P2:	25 HP
Power (P2) required by pump:	25 HP
Mains frequency:	60 Hz
Rated voltage:	3 x 230 / 460 V
Rated speed:	3525 rpm
Enclosure class (IEC 34-5):	IP23
Insulation class (IEC 85):	B
Motor protection:	NONE
Motor Number:	84Z00021
Others:	
Net weight:	280 lb
Shipping volume:	12 ft³

