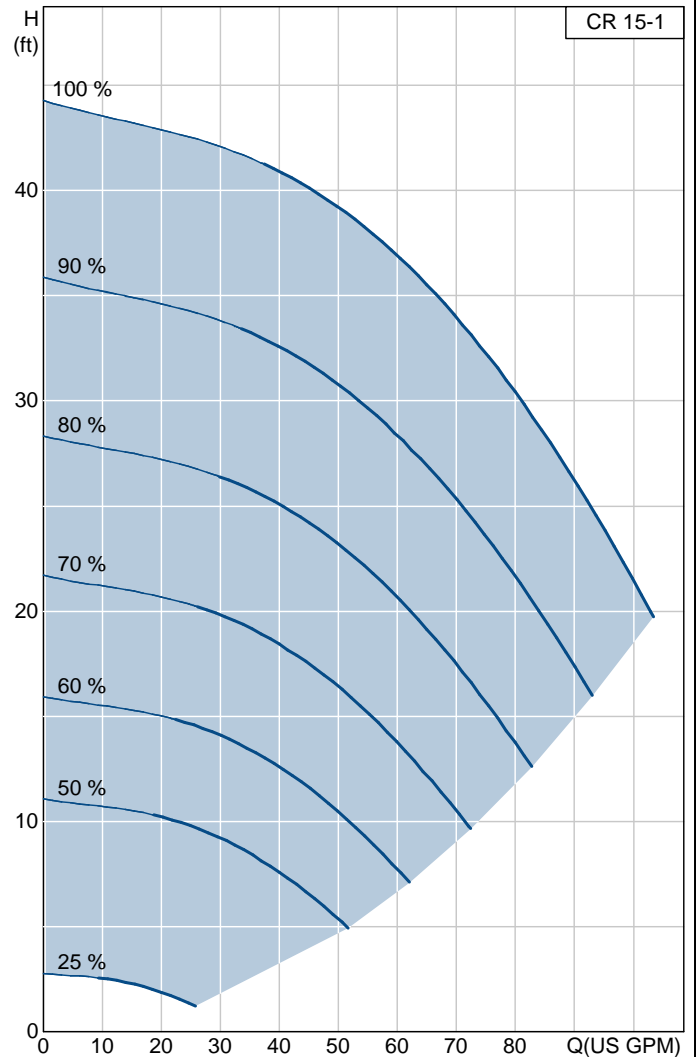
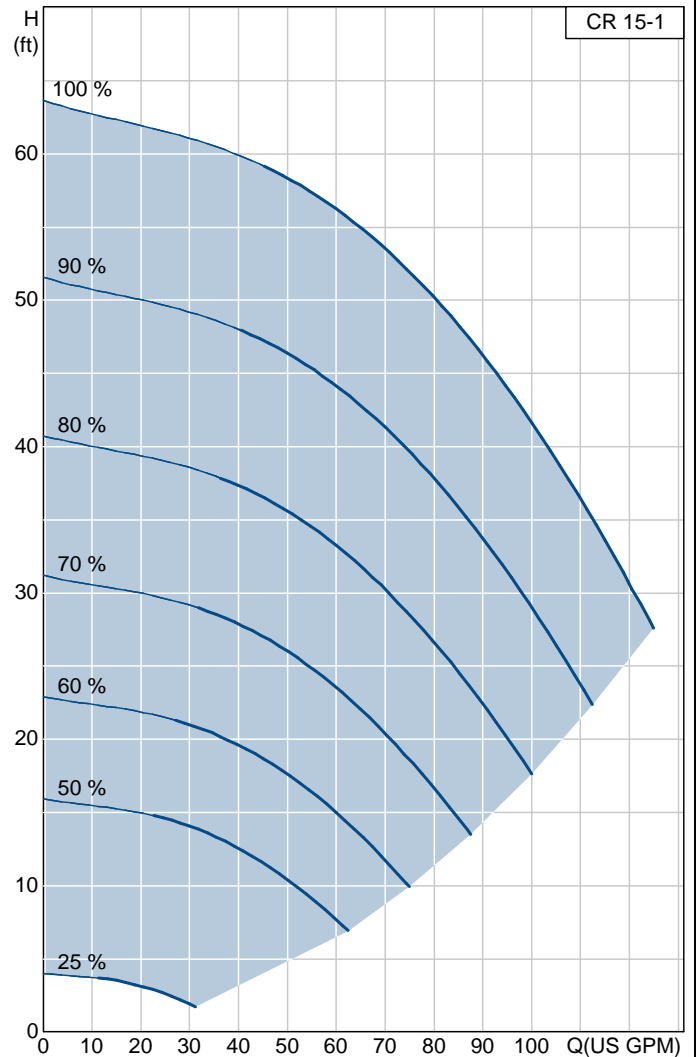


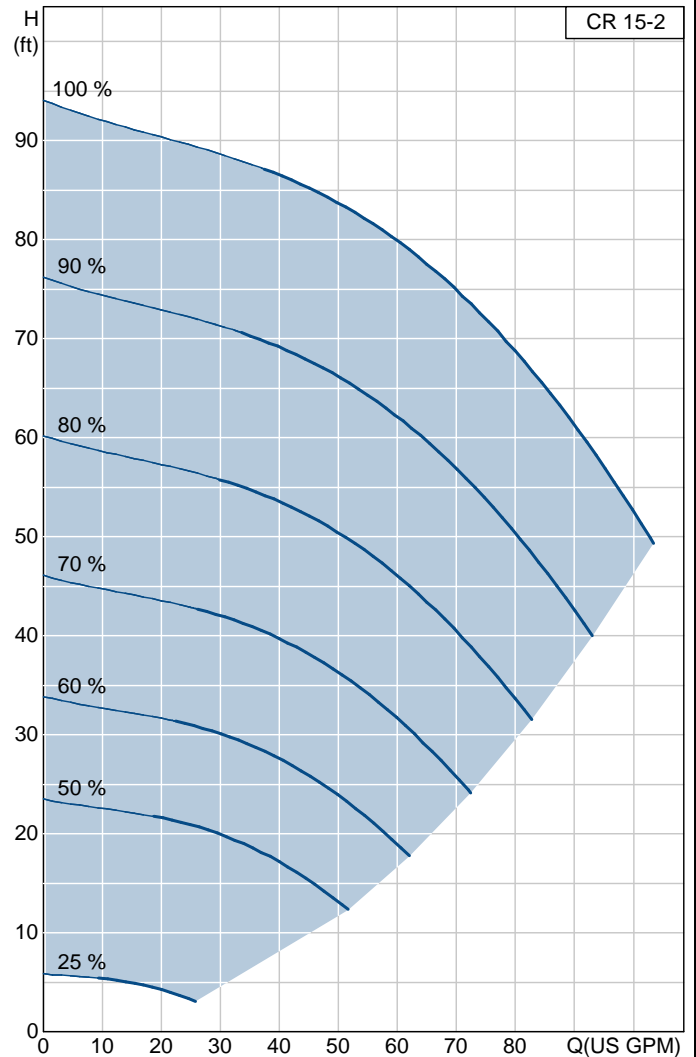
Description	Value
Product name:	CR 15-1 A-A-A-E HQQE
Product Number:	96501710
EAN number:	5700396227665
Technical:	
Speed for pump data:	2853 rpm
Rated flow:	74.85 US GPM
Rated head:	32.5 ft
Impellers:	01
Type of shaft seal:	HQQE
Approvals on nameplate:	CE
Stages:	02
Pump version:	A
Model:	A
Materials:	
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 15-1 A-B-A-E HQQE
Product Number:	96523381
EAN number:	5700396903767
Technical:	
Speed for pump data:	3452 rpm
Rated flow:	79.25 US GPM
Rated head:	50.5 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:	56C
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	3520M
Number of poles:	2
P2:	2 HP
Power (P2) required by pump:	2 HP
Mains frequency:	60 Hz
Rated voltage:	3 x 208-230 / 460 V
Service factor:	1,15
Rated current:	5,90-5,60 / 2.8 A
Rated speed:	3450 rpm
Enclosure class (IEC 34-5):	IP23
Insulation class (IEC 85):	B
Motor protection:	NONE
Motor Number:	84Z04028
Others:	
Net weight:	108 lb
Shipping volume:	3.18 ft³



Description	Value
Product name:	CR 15-2 A-A-A-E HQQE
Product Number:	96501711
EAN number:	5700396227689
Technical:	
Speed for pump data:	2899 rpm
Rated flow:	74.85 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 ft ³





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Company name: Chiller Solutions LLC

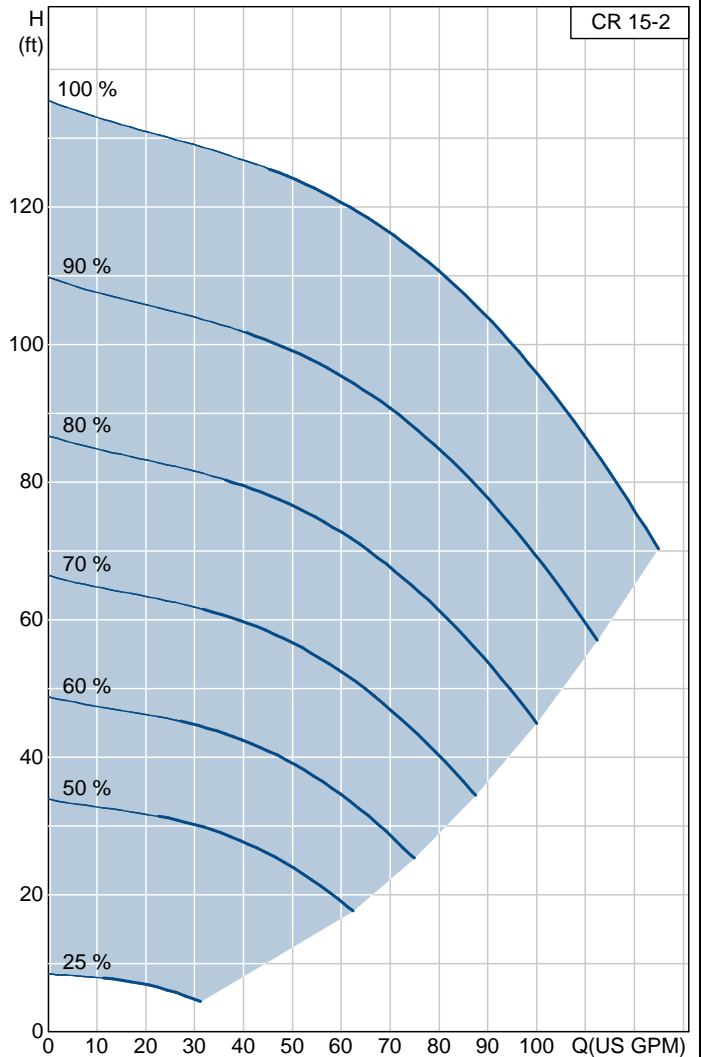
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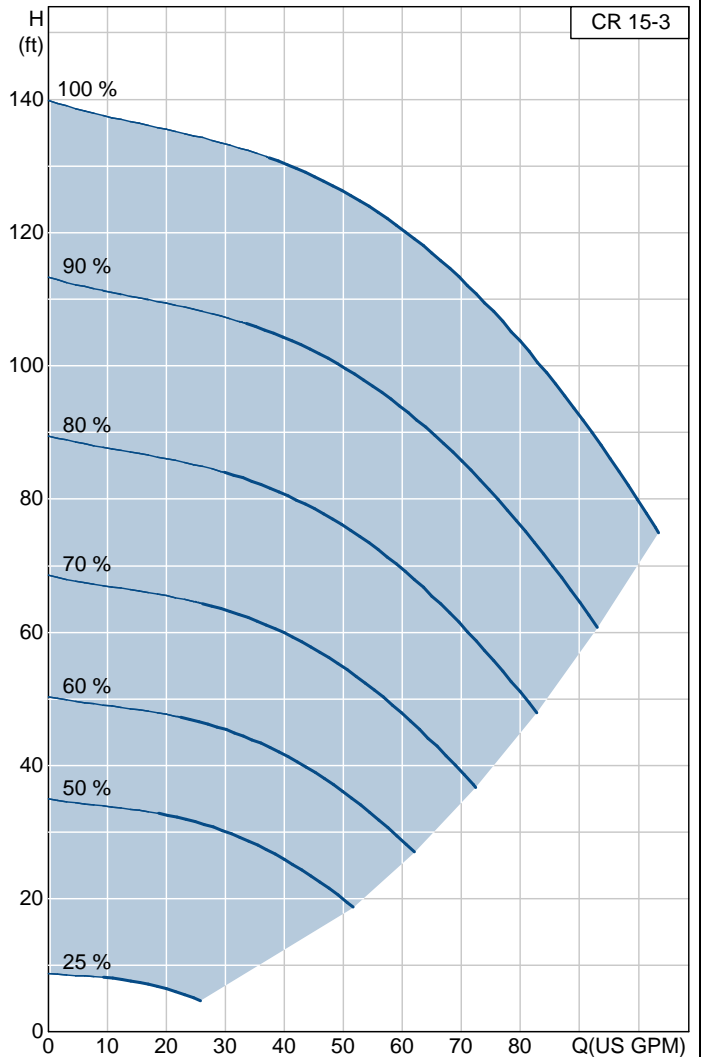
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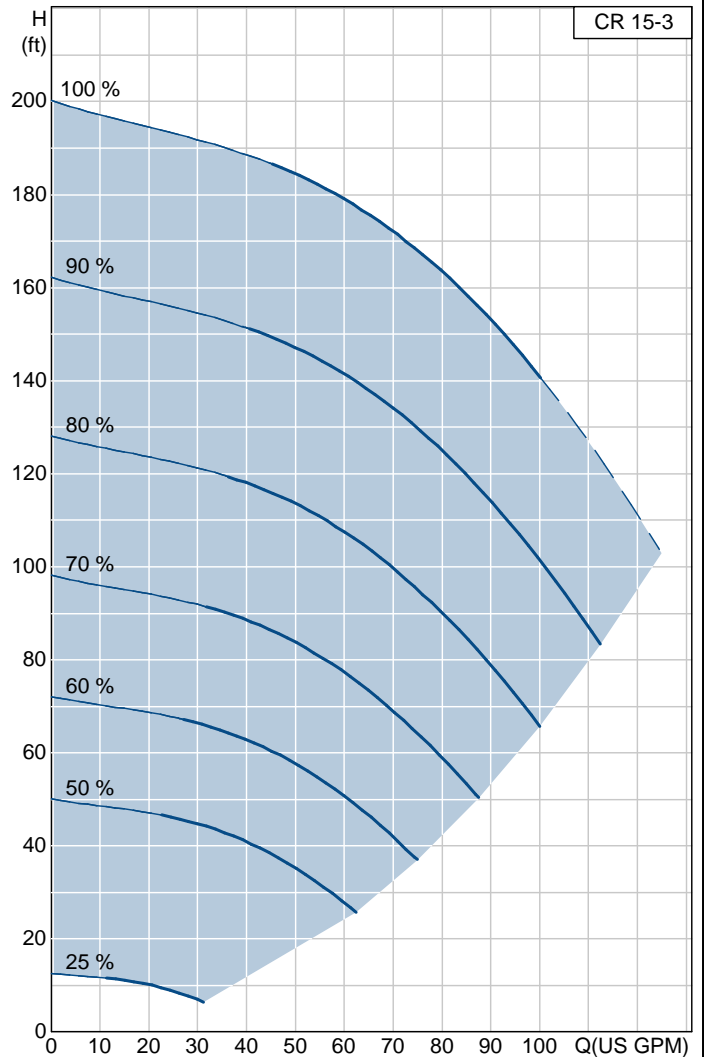
Description	Value
Product name:	CR 15-2 A-B-A-E HQQE
Product Number:	96523382
EAN number:	5700396903781
Technical:	
Speed for pump data:	3461 rpm
Rated flow:	90.26 US GPM
Rated head:	104 ft
Impellers:	02
Type of shaft seal:	HQQE
Approvals on nameplate:	NEMA
Stages:	02
Pump version:	A
Model:	A
Cooling:	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
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 ft ³



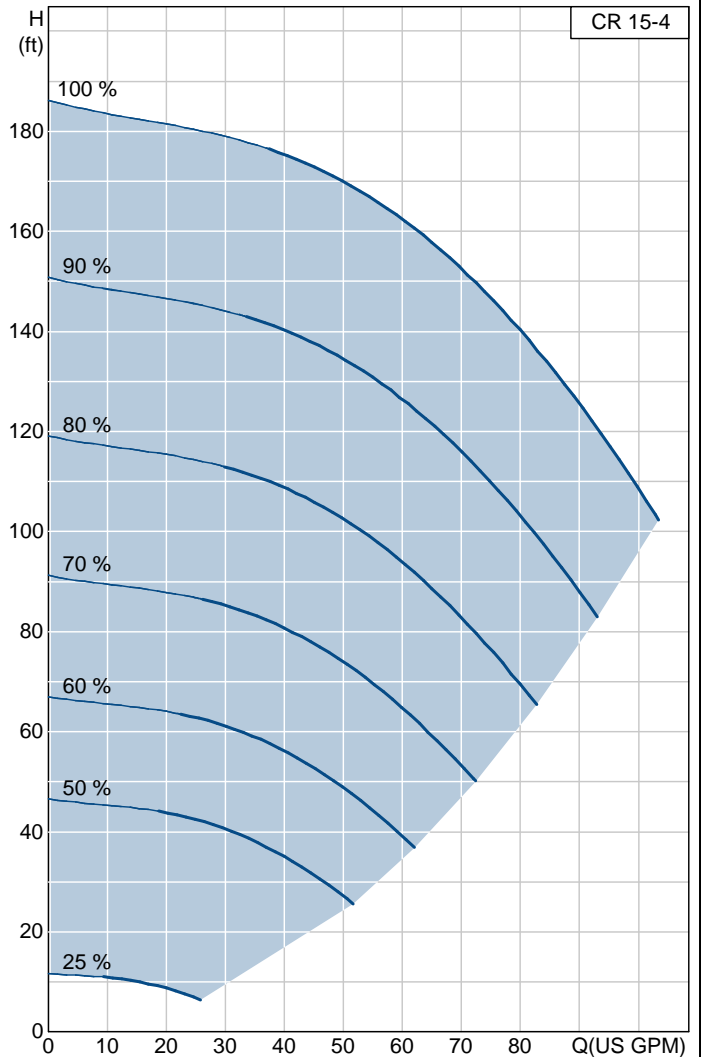
Description	Value
Product name:	CR 15-3 A-A-A-E HQQE
Product Number:	96501712
EAN number:	5700396227702
Technical:	
Speed for pump data:	2902 rpm
Rated flow:	74.85 US GPM
Rated head:	109 ft
Impellers:	03
Type of shaft seal:	HQQE
Approvals on nameplate:	CE
Stages:	03
Pump version:	A
Model:	A
Materials:	
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:	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:	FT130
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	100LA
Efficiency class:	2
Number of poles:	2
P2:	4 HP
Power (P2) required by pump:	4 HP
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240 D / 380-415 Y V
Rated current:	11 / 6.35 A
Starting current:	800-880 %
Cos phi - power factor:	0,87-0,80
Rated speed:	2900-2920 rpm
Full load motor efficiency:	85 %
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protection:	PTC
Motor Number:	85805510
Others:	
Net weight:	119 lb
Gross weight:	128 lb
Shipping volume:	3.53 ft³



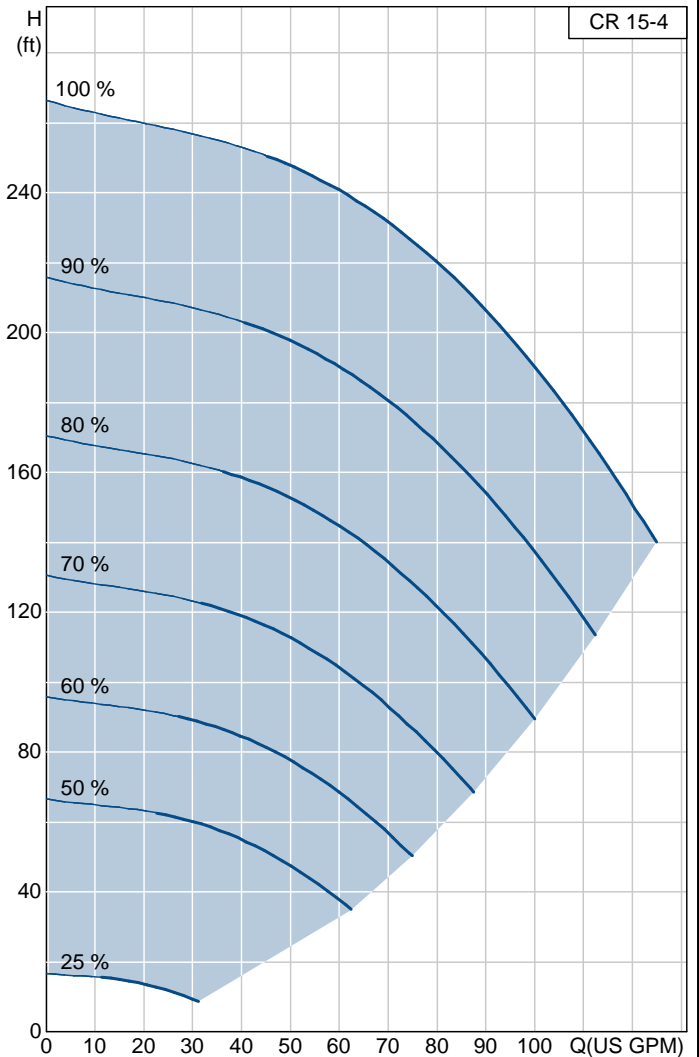
Description	Value
Product name:	CR 15-3 A-B-A-E HQQE
Product Number:	96523383
EAN number:	5700396903804
Technical:	
Speed for pump data:	3461 rpm
Rated flow:	90.26 US GPM
Rated head:	153 ft
Impellers:	03
Type of shaft seal:	HQQE
Approvals on nameplate:	NEMA
Stages:	03
Pump version:	A
Model:	A
Cooling:	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:	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
Enclosure class (IEC 34-5):	IP23
Insulation class (IEC 85):	B
Motor protection:	NONE
Motor Number:	84Z00013
Others:	
Net weight:	154 lb
Shipping volume:	4.94 ft³



Description	Value
Product name:	CR 15-4 A-A-A-E HQQE
Product Number:	96501713
EAN number:	5700396227726
Technical:	
Speed for pump data:	2917 rpm
Rated flow:	74.85 US GPM
Rated head:	147 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:	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:	148 lb
Gross weight:	157 lb
Shipping volume:	4.24 ft³



Description	Value
Product name:	CR 15-4 A-B-A-E HQQE
Product Number:	96523384
EAN number:	5700396903828
Technical:	
Speed for pump data:	3467 rpm
Rated flow:	90.26 US GPM
Rated head:	206 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:	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
Enclosure class (IEC 34-5):	IP23
Insulation class (IEC 85):	B
Motor protection:	NONE
Motor Number:	84Z00015
Others:	
Net weight:	179 lb
Shipping volume:	4.94 ft³





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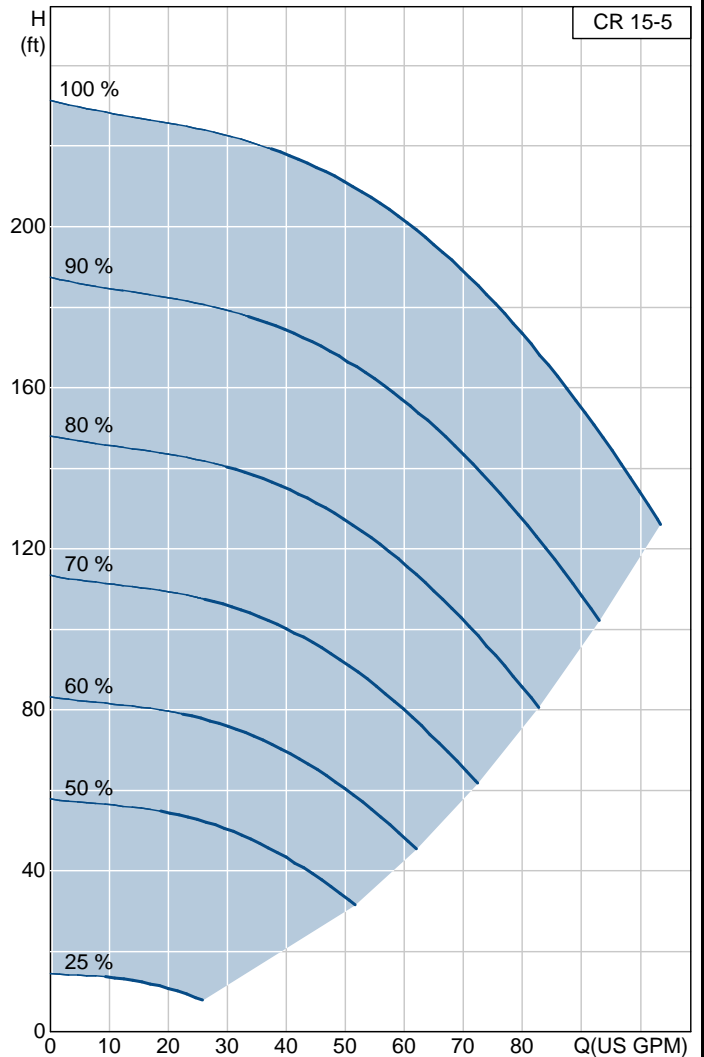
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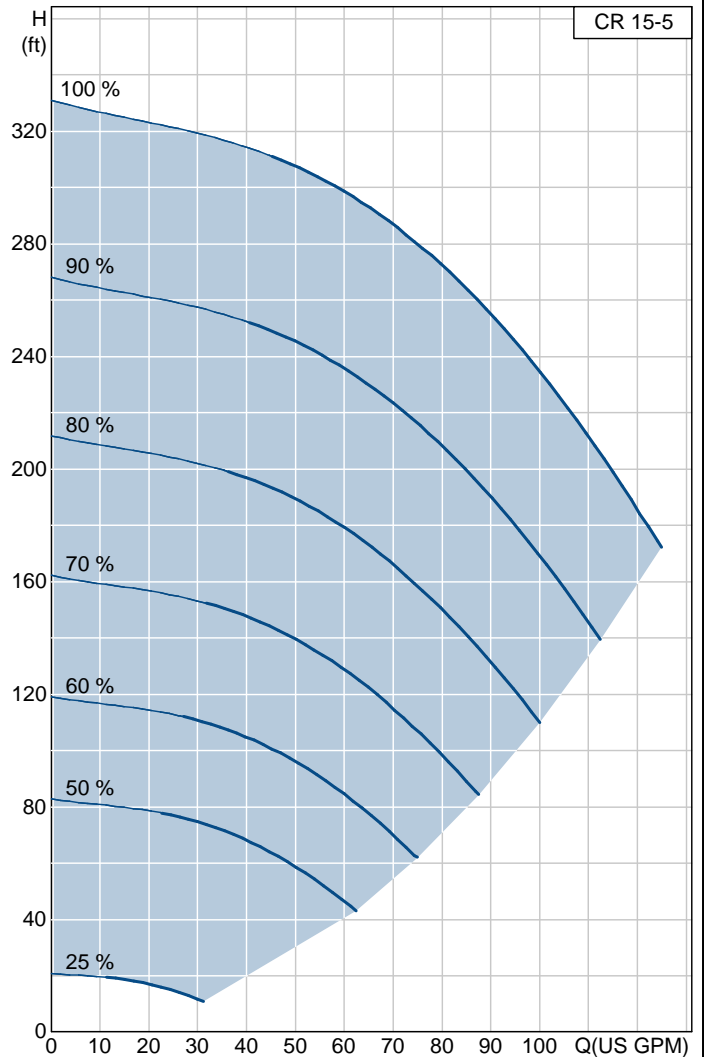
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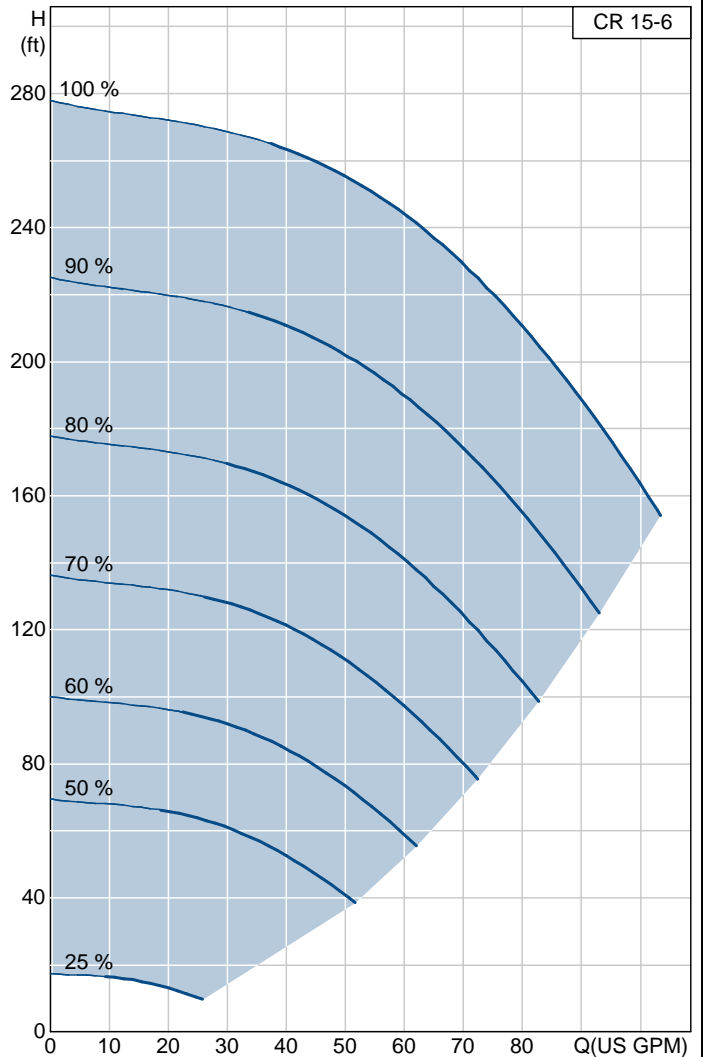
Description	Value
Product name:	CR 15-5 A-A-A-E HQQE
Product Number:	96501714
EAN number:	5700396227740
Technical:	
Speed for pump data:	2917 rpm
Rated flow:	74.85 US GPM
Rated head:	182 ft
Impellers:	05
Type of shaft seal:	HQQE
Approvals on nameplate:	CE
Stages:	05
Pump version:	A
Model:	A
Materials:	
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:	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:	150 lb
Gross weight:	159 lb
Shipping volume:	4.24 ft³



Description	Value
Product name:	CR 15-5 A-B-A-E HQQE
Product Number:	96523385
EAN number:	5700396903842
Technical:	
Speed for pump data:	3470 rpm
Rated flow:	90.26 US GPM
Rated head:	255 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:	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
Enclosure class (IEC 34-5):	IP23
Insulation class (IEC 85):	B
Motor protection:	NONE
Motor Number:	84Z00017
Others:	
Net weight:	192 lb
Shipping volume:	6 ft³



Description	Value
Product name:	CR 15-6 A-A-A-E HQQE
Product Number:	96501715
EAN number:	5700396227764
Technical:	
Speed for pump data:	2919 rpm
Rated flow:	74.85 US GPM
Rated head:	221 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:	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:	198 lb
Gross weight:	240 lb
Shipping volume:	15.2 ft³





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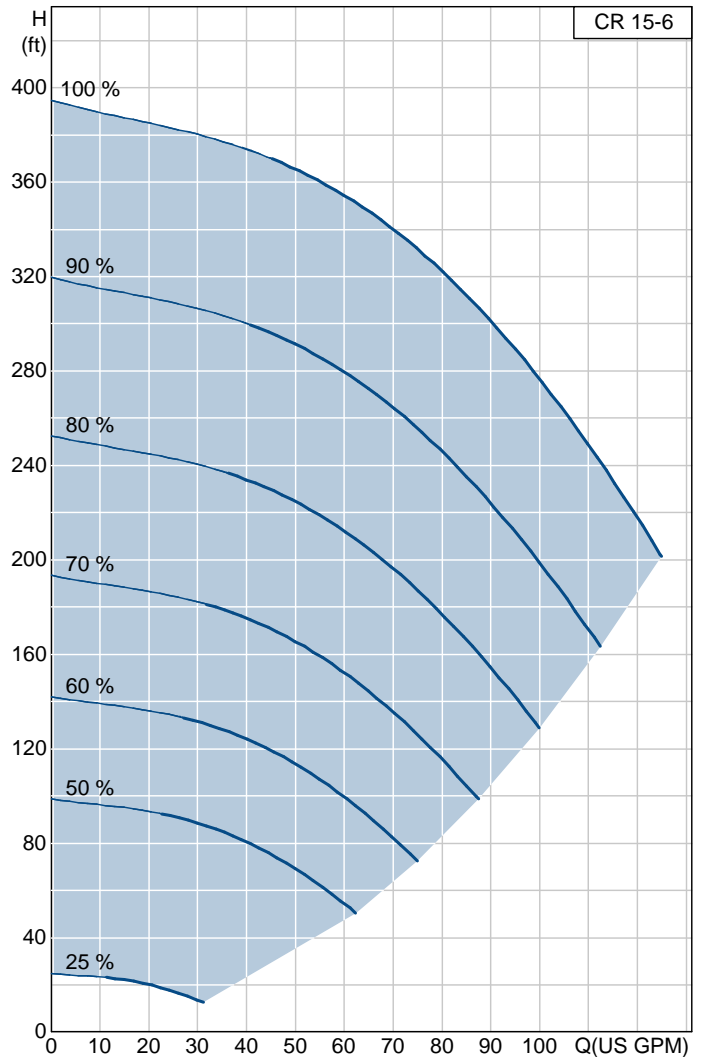
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Description	Value
Product name:	CR 15-6 A-GJ-A-E HQQE
Product Number:	96523391
EAN number:	5700396903965
Technical:	
Speed for pump data:	3470 rpm
Rated flow:	90.26 US GPM
Rated head:	301 ft
Impellers:	06
Type of shaft seal:	HQQE
Approvals on nameplate:	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:	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
Enclosure class (IEC 34-5):	IP23
Insulation class (IEC 85):	B
Motor protection:	NONE
Motor Number:	84Z00017
Others:	
Net weight:	198 lb
Shipping volume:	4.94 ft³





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Company name: Chiller Solutions LLC

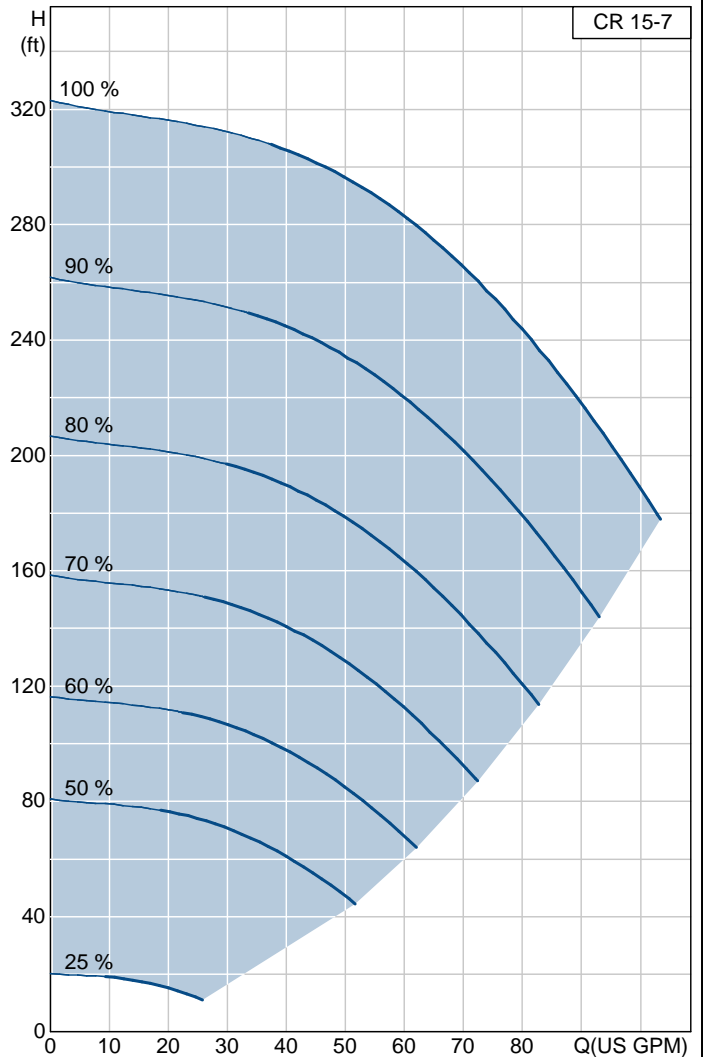
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Fax: 973-835-3222

Date: 2/25/2008

Description	Value
Product name:	CR 15-7 A-A-A-E HQQE
Product Number:	96501716
EAN number:	5700396227788
Technical:	
Speed for pump data:	2919 rpm
Rated flow:	74.85 US GPM
Rated head:	256 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:	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:	203 lb
Gross weight:	243 lb
Shipping volume:	15.2 ft ³





Edwards Engineering

60 Years of Excellence

Company name: Chiller Solutions LLC

Created by: Engineering Dept.

Phone: 973-835-2800

Fax: 973-835-3222

Date: 2/12/2008

Description	Value
Product name:	CR 15-7 A-GJ-A-E HQQE
Product Number:	96523392
EAN number:	5700396903989
Technical:	
Speed for pump data:	3444 rpm
Rated flow:	90.26 US GPM
Rated head:	360 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:	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
Enclosure class (IEC 34-5):	IP23
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	84Z00019
Others:	
Net weight:	238 lb
Shipping volume:	4.94 ft³

