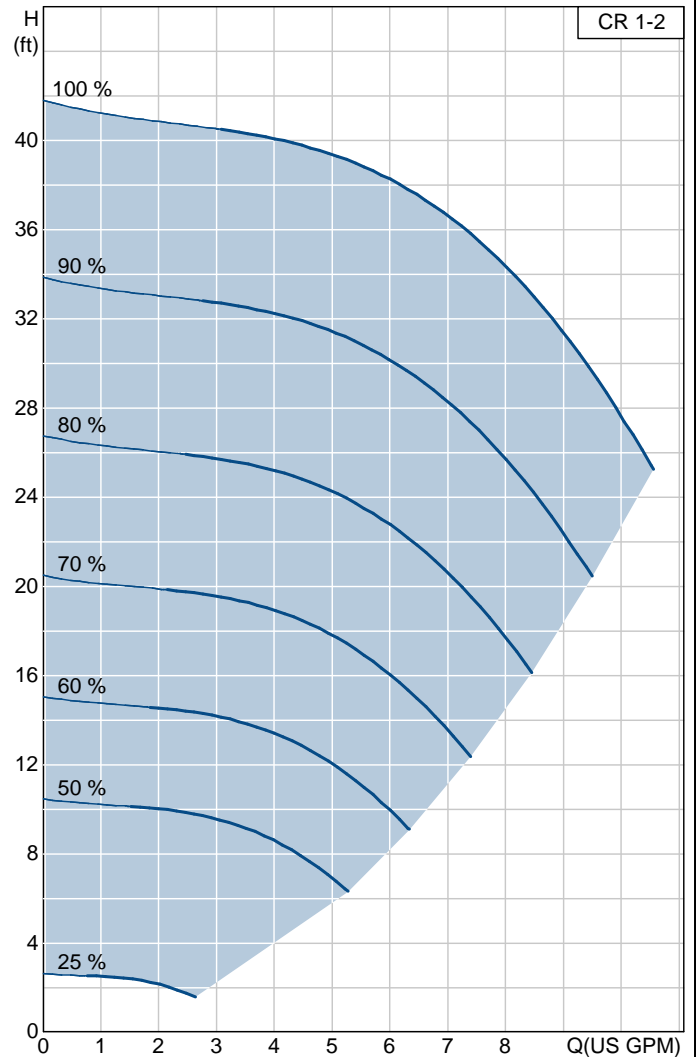
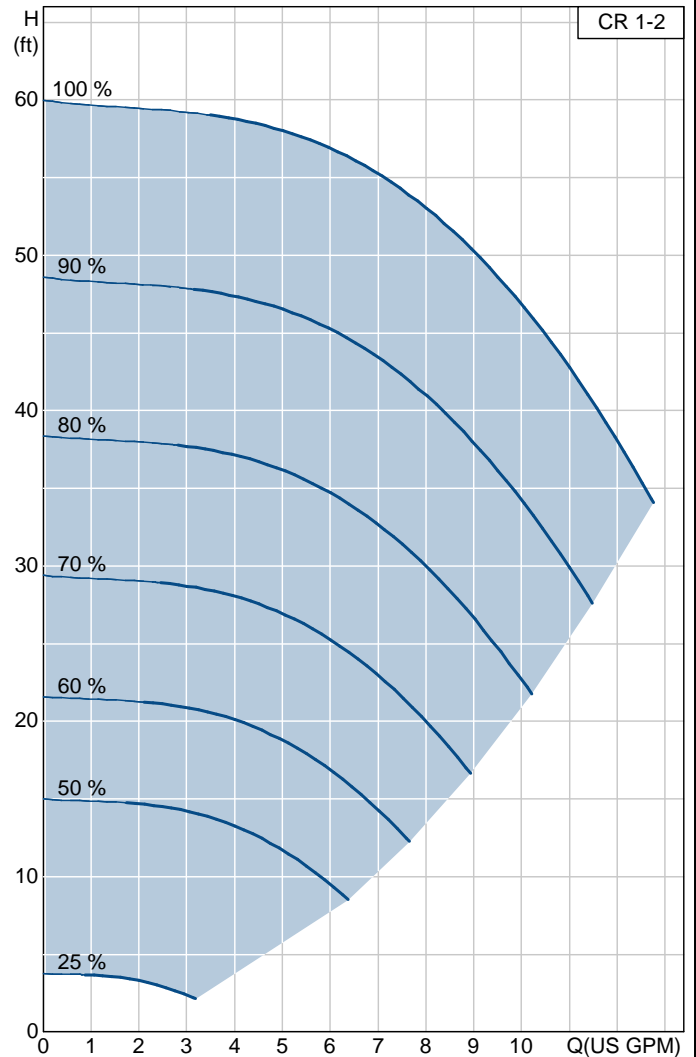


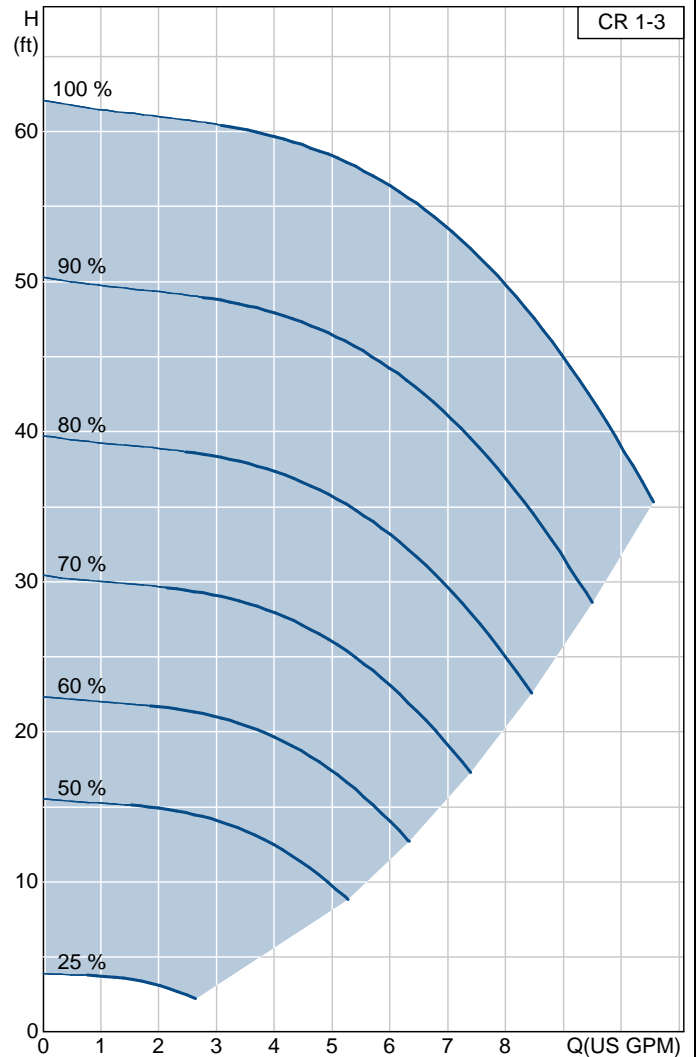
Description	Value
Product name:	CR 1-2 A-A-A-E HQQE
Product Number:	96516169
EAN number:	5700396738017
Technical:	
Speed for pump data:	2873 rpm
Rated flow:	7.925 US GPM
Rated head:	34.5 ft
Head max:	42.7 ft
Impellers:	2
Type of shaft seal:	HQQE
Approvals on nameplate:	CE
Stages:	3
Pump version:	A
Model:	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:	232 / 250 psi/°F 232 / -4 psi/°F
Standard, pipe connection:	Oval
Connect code:	A
Size, pipe connection:	Rp 1
Flange size for motor:	FT85
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	71A
Efficiency class:	0
Number of poles:	2
P2:	0.5 HP
Power (P2) required by pump:	0.5 HP
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240 D / 380-415 Y V
Rated current:	1.74 / 1 A
Starting current:	490-530 %
Cos phi - power factor:	0,80-0,70
Rated speed:	2850-2880 rpm
Full load motor efficiency:	78,5 %
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	85805102
Others:	
Net weight:	39.9 lb
Gross weight:	44.3 lb
Shipping volume:	1.77 ft³



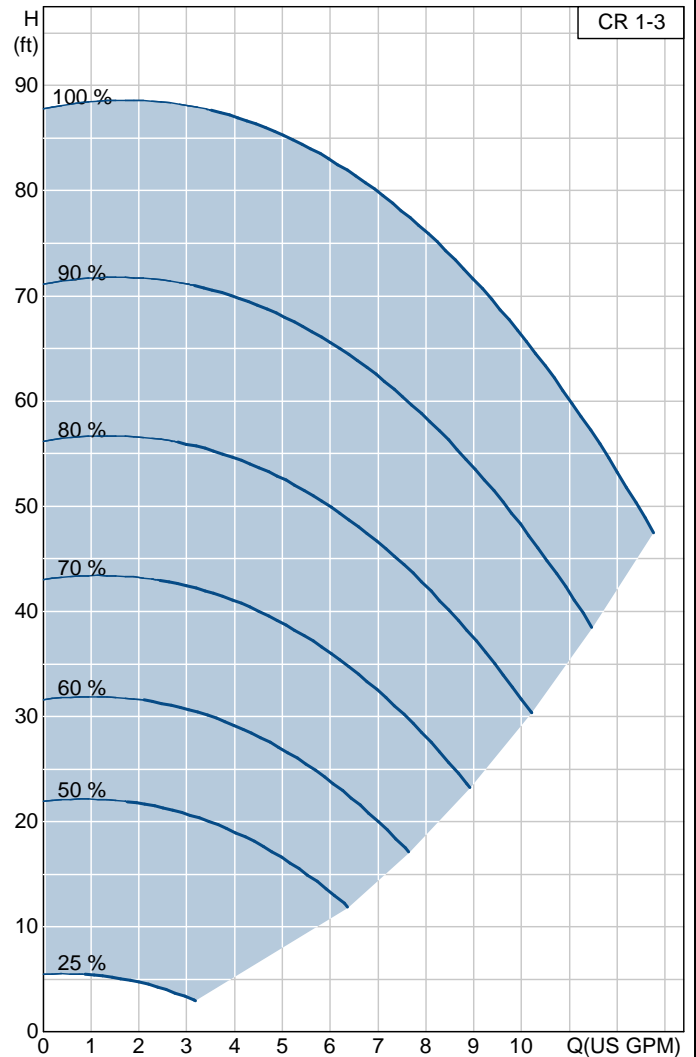
Description	Value
Product name:	CR 1-2 A-B-A-E HQQE
Product Number:	96081966
EAN number:	5700395167047
Technical:	
Speed for pump data:	3425 rpm
Rated flow:	9.686 US GPM
Rated head:	45.9 ft
Impellers:	2
Type of shaft seal:	HQQE
Approvals on nameplate:	NEMA
Stages:	3
Pump version:	A
Model:	A
Cooling:	TEFC
Materials:	
Material, pump housing:	Cast iron EN-JL1030 DIN W.-Nr. 25 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:	OVAL
Connect code:	B
Size, pipe connection:	1" NPT
Flange size for motor:	56C
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	71AA
Number of poles:	2
P2:	0.33 HP
Power (P2) required by pump:	0.33 HP 0.33 HP
Mains frequency:	60 Hz
Rated voltage:	3 x 208-230 / 460 V
Service factor:	1,35
Rated current:	1.12-1.10 / 0.55 A
Starting current:	630-700 %
Cos phi - power factor:	0.81-0.75
Rated speed:	3450-3480 rpm
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	85900700
Others:	
Net weight:	47.6 lb
Gross weight:	53.1 lb
Shipping volume:	1.77 ft³



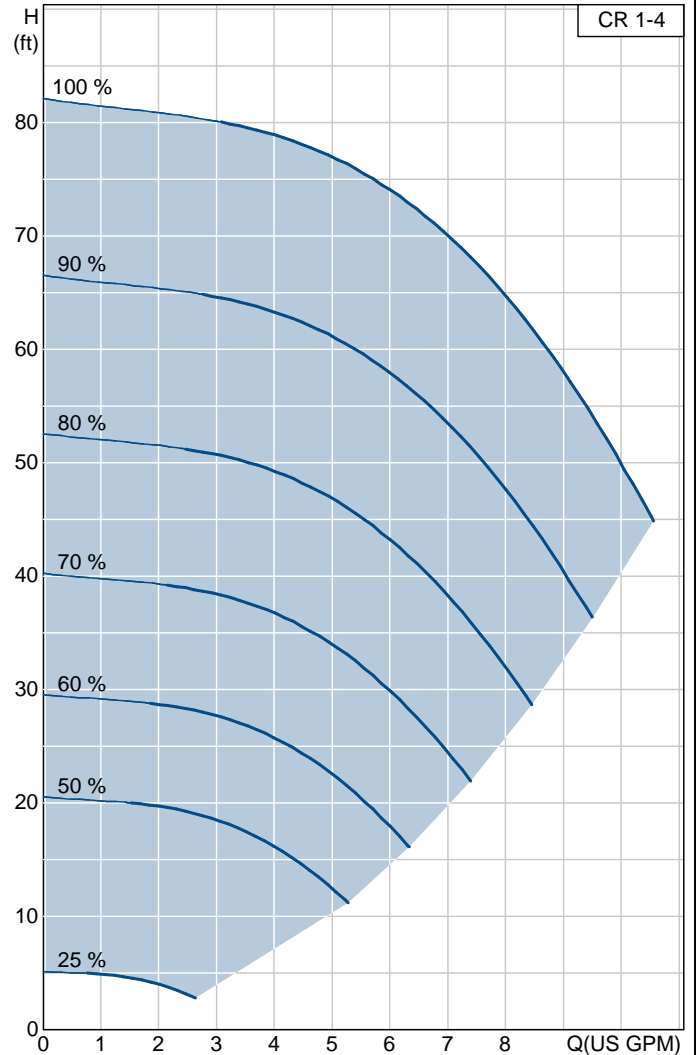
Description	Value
Product name:	CR 1-3 A-A-A-E HQQE
Product Number:	96516170
EAN number:	5700396738031
Technical:	
Speed for pump data:	2873 rpm
Rated flow:	7.925 US GPM
Rated head:	50.2 ft
Head max:	62.3 ft
Impellers:	3
Type of shaft seal:	HQQE
Approvals on nameplate:	CE
Stages:	3
Pump version:	A
Model:	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:	232 / 250 psi/°F 232 / -4 psi/°F
Standard, pipe connection:	Oval
Connect code:	A
Size, pipe connection:	Rp 1
Flange size for motor:	FT85
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	71A
Efficiency class:	0
Number of poles:	2
P2:	0.5 HP
Power (P2) required by pump:	0.5 HP
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240 D / 380-415 Y V
Rated current:	1.74 / 1 A
Starting current:	490-530 %
Cos phi - power factor:	0,80-0,70
Rated speed:	2850-2880 rpm
Full load motor efficiency:	78,5 %
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	85805102
Others:	
Net weight:	40.4 lb
Gross weight:	44.8 lb
Shipping volume:	1.77 ft³



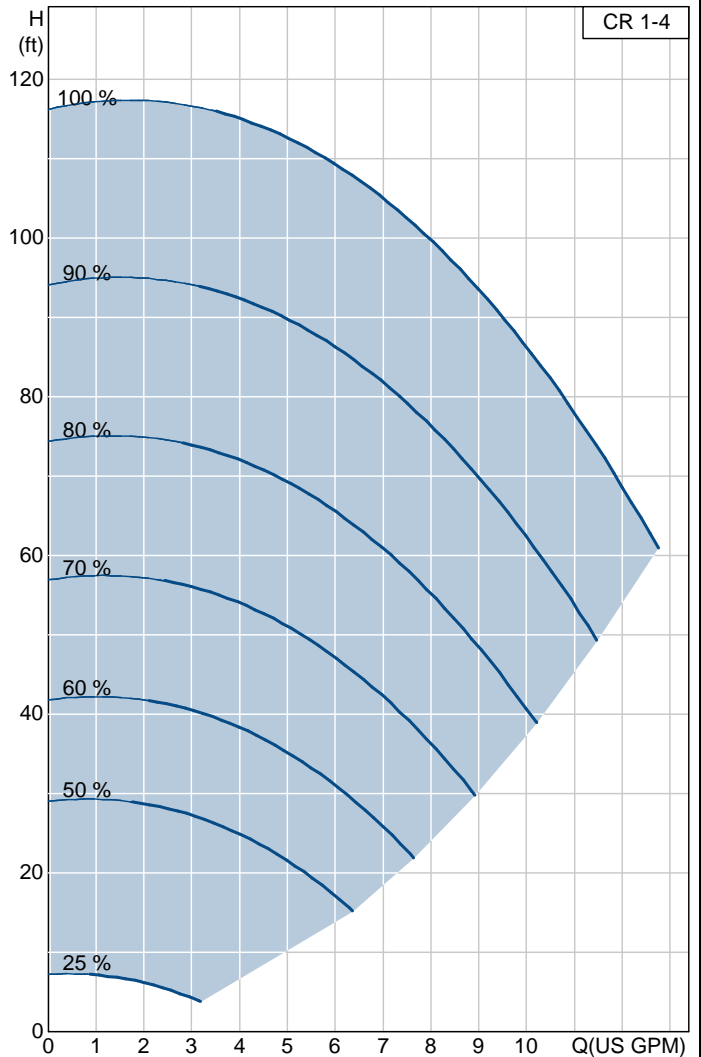
Description	Value
Product name:	CR 1-3 A-B-A-E HQQE
Product Number:	96081968
EAN number:	5700395167061
Technical:	
Speed for pump data:	3425 rpm
Rated flow:	9.686 US GPM
Rated head:	65 ft
Impellers:	3
Type of shaft seal:	HQQE
Approvals on nameplate:	NEMA
Stages:	3
Pump version:	A
Model:	A
Cooling:	TEFC
Materials:	
Material, pump housing:	Cast iron EN-JL1030 DIN W.-Nr. 25 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:	OVAL
Connect code:	B
Size, pipe connection:	1" NPT
Flange size for motor:	56C
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	71AA
Number of poles:	2
P2:	0.33 HP
Power (P2) required by pump:	0.33 HP 0.33 HP
Mains frequency:	60 Hz
Rated voltage:	3 x 208-230 / 460 V
Service factor:	1,35
Rated current:	1.12-1.10 / 0.55 A
Starting current:	630-700 %
Cos phi - power factor:	0.81-0.75
Rated speed:	3450-3480 rpm
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	85900700
Others:	
Net weight:	47.6 lb
Gross weight:	53.1 lb
Shipping volume:	1.77 ft³



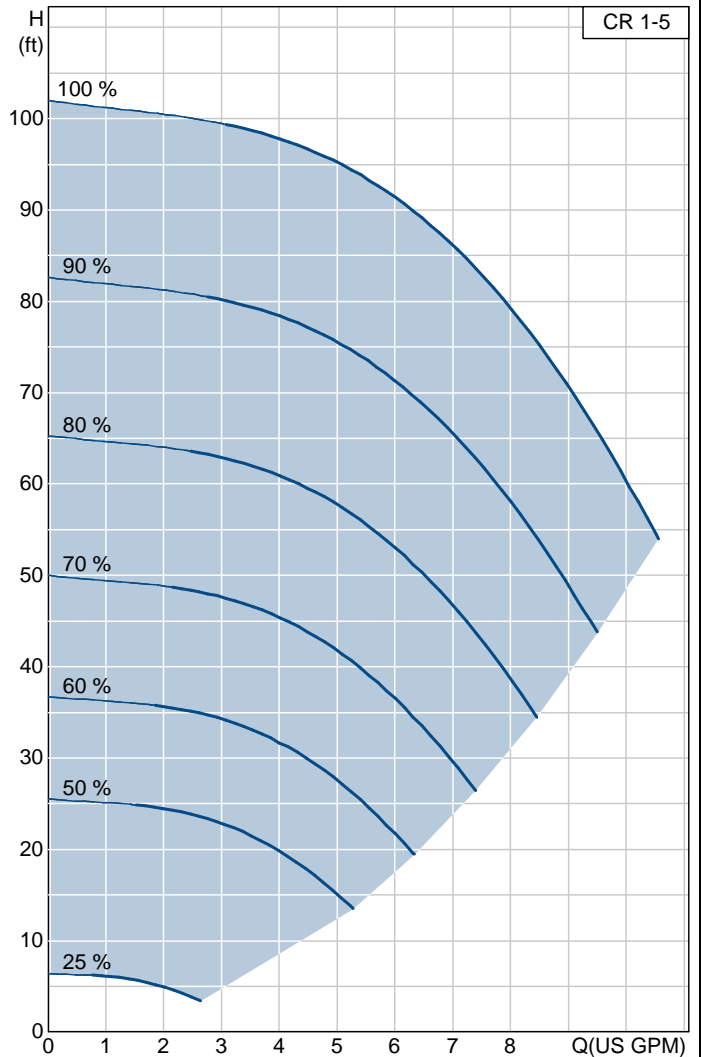
Description	Value
Product name:	CR 1-4 A-A-A-E HQQE
Product Number:	96516172
EAN number:	5700396738062
Technical:	
Speed for pump data:	2873 rpm
Rated flow:	7.925 US GPM
Rated head:	65.3 ft
Head max:	82 ft
Impellers:	4
Type of shaft seal:	HQQE
Approvals on nameplate:	CE
Stages:	4
Pump version:	A
Model:	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:	232 / 250 psi/°F 232 / -4 psi/°F
Standard, pipe connection:	Oval
Connect code:	A
Size, pipe connection:	Rp 1
Flange size for motor:	FT85
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	71A
Efficiency class:	0
Number of poles:	2
P2:	0.5 HP
Power (P2) required by pump:	0.5 HP
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240 D / 380-415 Y V
Rated current:	1.74 / 1 A
Starting current:	490-530 %
Cos phi - power factor:	0,80-0,70
Rated speed:	2850-2880 rpm
Full load motor efficiency:	78,5 %
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	85805102
Others:	
Net weight:	41.2 lb
Gross weight:	45.6 lb
Shipping volume:	1.77 ft³



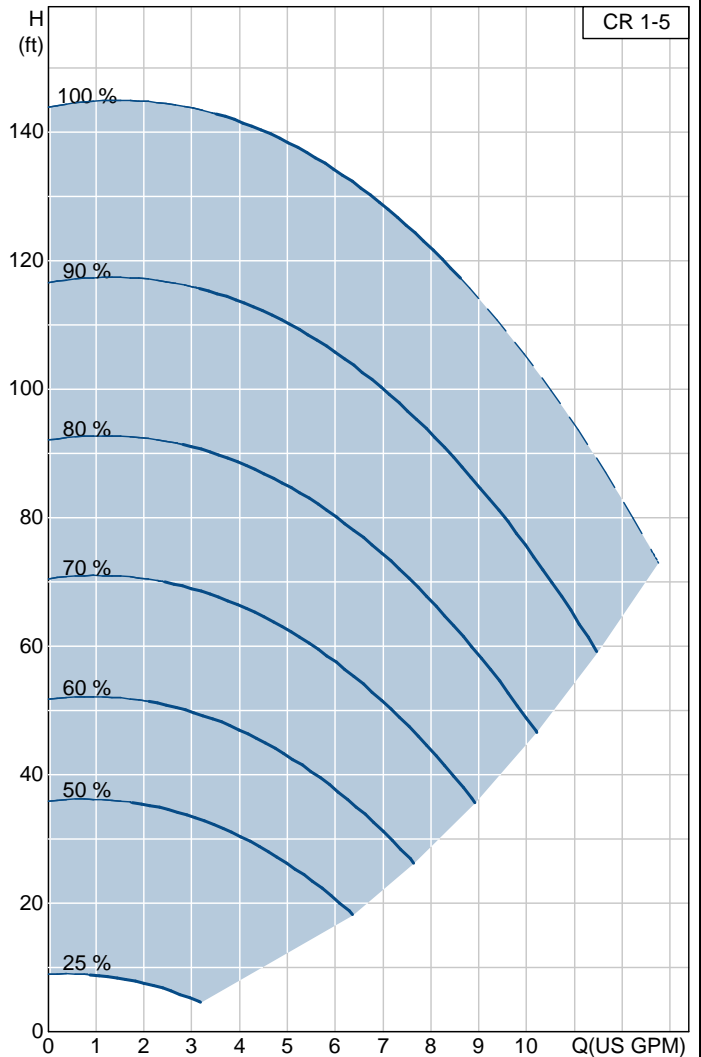
Description	Value
Product name:	CR 1-4 A-B-A-E HQQE
Product Number:	96081970
EAN number:	5700395167085
Technical:	
Speed for pump data:	3485 rpm
Rated flow:	9.686 US GPM
Rated head:	84 ft
Impellers:	4
Type of shaft seal:	HQQE
Approvals on nameplate:	NEMA
Stages:	4
Pump version:	A
Model:	A
Cooling:	TEFC
Materials:	
Material, pump housing:	Cast iron EN-JL1030 DIN W.-Nr. 25 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:	OVAL
Connect code:	B
Size, pipe connection:	1" NPT
Flange size for motor:	56C
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	71AB
Number of poles:	2
P2:	0.5 HP
Power (P2) required by pump:	0.5 HP 0.5 HP
Mains frequency:	60 Hz
Rated voltage:	3 x 208-230 / 460 V
Service factor:	1,25
Rated current:	1.64-1.55 / 0.78 A
Starting current:	590-650 %
Cos phi - power factor:	0.84-0.78
Rated speed:	3430-3460 rpm
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	85900701
Others:	
Net weight:	47.4 lb
Gross weight:	52.9 lb
Shipping volume:	1.77 ft³



Description	Value
Product name:	CR 1-5 A-A-A-E HQQE
Product Number:	96516173
EAN number:	5700396738086
Technical:	
Speed for pump data:	2873 rpm
Rated flow:	7.925 US GPM
Rated head:	79.7 ft
Head max:	102 ft
Impellers:	5
Type of shaft seal:	HQQE
Approvals on nameplate:	CE
Stages:	5
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:	232 / 250 psi/°F 232 / -4 psi/°F
Standard, pipe connection:	Oval
Connect code:	A
Size, pipe connection:	Rp 1
Flange size for motor:	FT85
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	71A
Efficiency class:	0
Number of poles:	2
P2:	0.5 HP
Power (P2) required by pump:	0.5 HP
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240 D / 380-415 Y V
Rated current:	1.74 / 1 A
Starting current:	490-530 %
Cos phi - power factor:	0,80-0,70
Rated speed:	2850-2880 rpm
Full load motor efficiency:	78,5 %
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	85805102
Others:	
Net weight:	42.3 lb
Gross weight:	46.7 lb
Shipping volume:	1.77 ft³



Description	Value
Product name:	CR 1-5 A-B-A-E HQQE
Product Number:	96081972
EAN number:	5700395167108
Technical:	
Speed for pump data:	3485 rpm
Rated flow:	9.686 US GPM
Rated head:	104 ft
Impellers:	5
Type of shaft seal:	HQQE
Approvals on nameplate:	NEMA
Stages:	5
Pump version:	A
Model:	A
Cooling:	TEFC
Materials:	
Material, pump housing:	Cast iron EN-JL1030 DIN W.-Nr. 25 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:	OVAL
Connect code:	B
Size, pipe connection:	1" NPT
Flange size for motor:	56C
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	71AB
Number of poles:	2
P2:	0.5 HP
Power (P2) required by pump:	0.5 HP 0.5 HP
Mains frequency:	60 Hz
Rated voltage:	3 x 208-230 / 460 V
Service factor:	1,25
Rated current:	1.64-1.55 / 0.78 A
Starting current:	590-650 %
Cos phi - power factor:	0.84-0.78
Rated speed:	3430-3460 rpm
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	85900701
Others:	
Net weight:	47.8 lb
Gross weight:	53.4 lb
Shipping volume:	1.77 ft³





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Company name: Chiller Solutions LLC

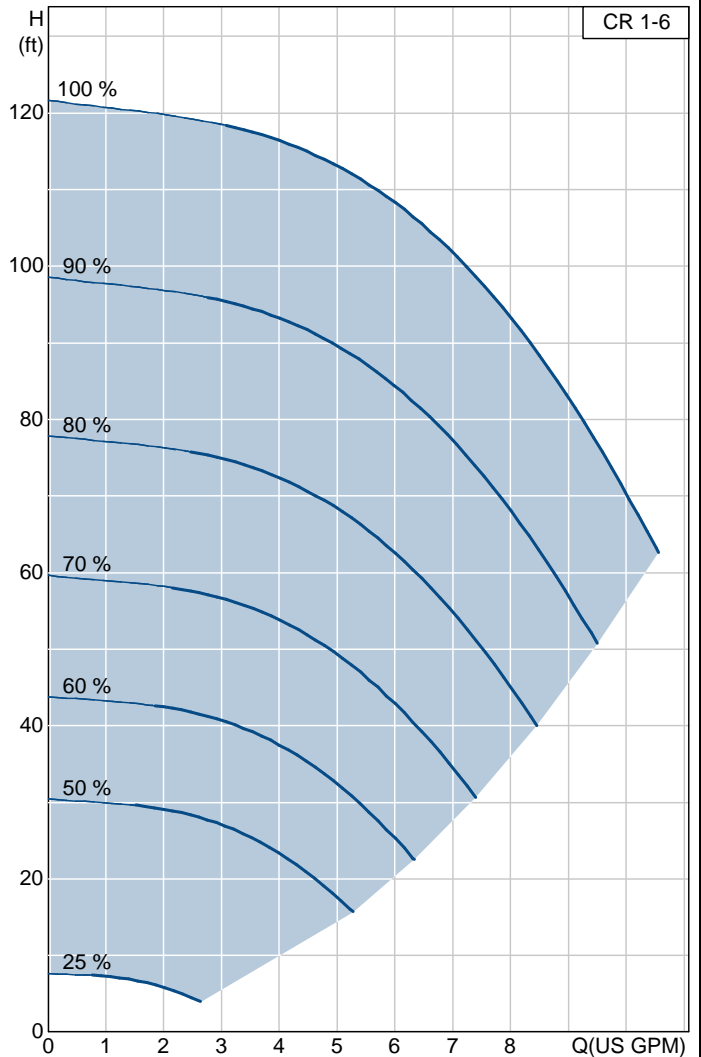
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Phone: 973-835-2800

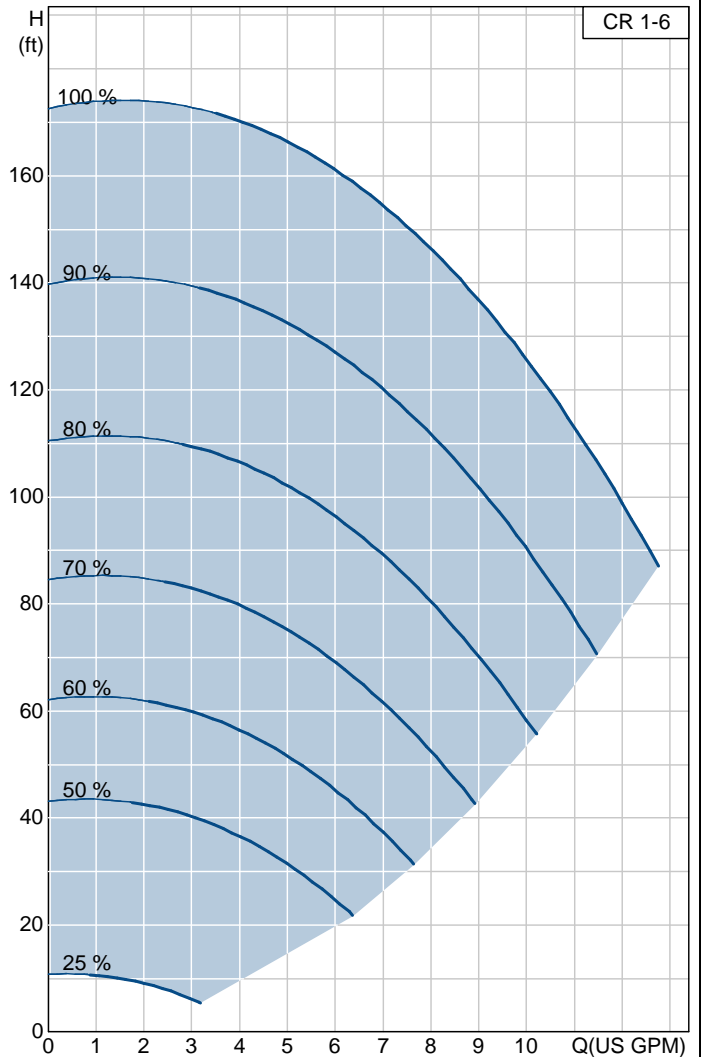
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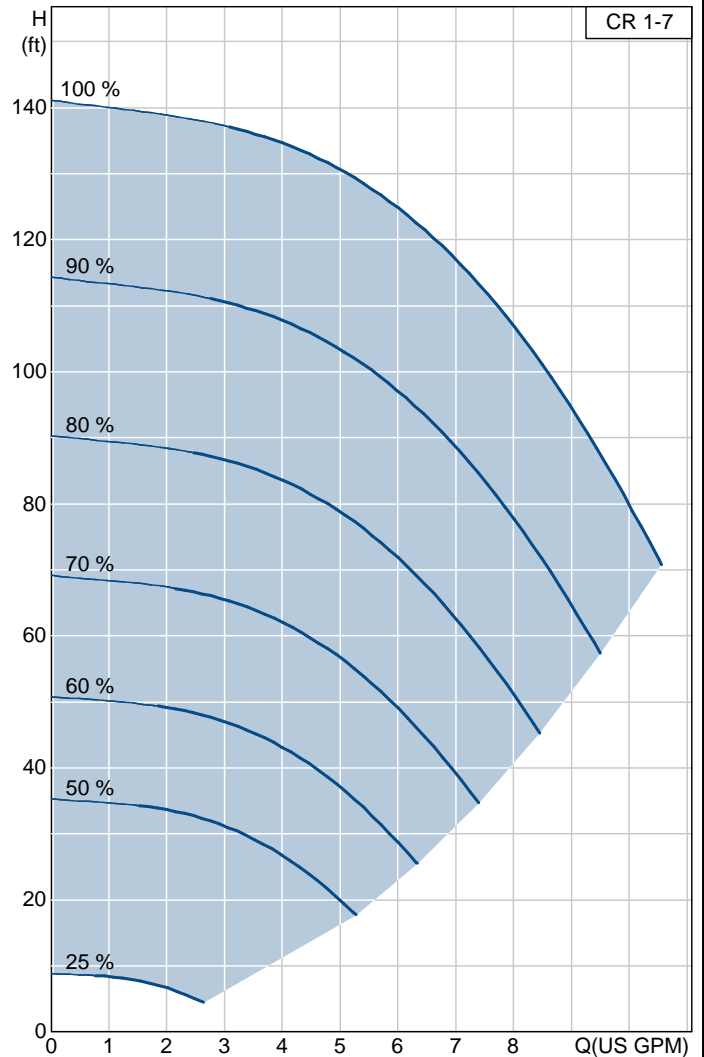
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Product name:	CR 1-6 A-A-A-E HQQE
Product Number:	96516174
EAN number:	5700396738109
Technical:	
Speed for pump data:	2873 rpm
Rated flow:	7.925 US GPM
Rated head:	94.2 ft
Head max:	121 ft
Impellers:	6
Type of shaft seal:	HQQE
Approvals on nameplate:	CE
Stages:	6
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:	232 / 250 psi/°F 232 / -4 psi/°F
Standard, pipe connection:	Oval
Connect code:	A
Size, pipe connection:	Rp 1
Flange size for motor:	FT85
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	71A
Efficiency class:	0
Number of poles:	2
P2:	0.5 HP
Power (P2) required by pump:	0.5 HP
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240 D / 380-415 Y V
Rated current:	1.74 / 1 A
Starting current:	490-530 %
Cos phi - power factor:	0,80-0,70
Rated speed:	2850-2880 rpm
Full load motor efficiency:	78,5 %
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	85805102
Others:	
Net weight:	43.2 lb
Gross weight:	47.6 lb
Shipping volume:	1.77 ft³



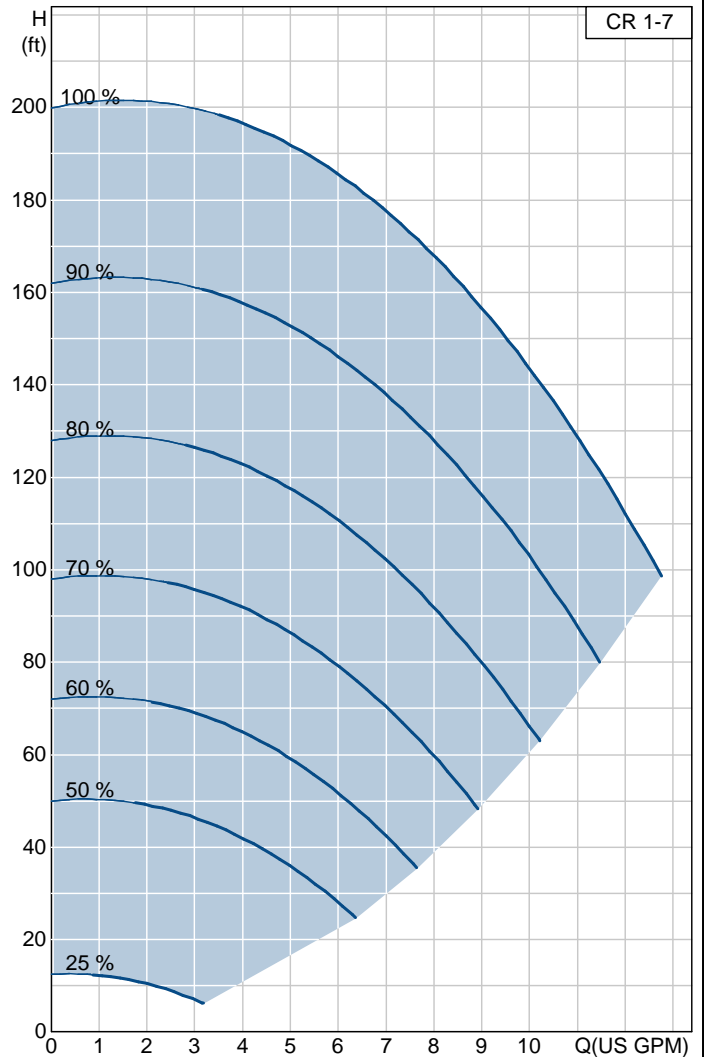
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Product name:	CR 1-6 A-B-A-E HQQE
Product Number:	96081974
EAN number:	5700395167122
Technical:	
Speed for pump data:	3439 rpm
Rated flow:	9.686 US GPM
Rated head:	124 ft
Impellers:	6
Type of shaft seal:	HQQE
Approvals on nameplate:	NEMA
Stages:	6
Pump version:	A
Model:	A
Cooling:	TEFC
Materials:	
Material, pump housing:	Cast iron EN-JL1030 DIN W.-Nr. 25 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:	OVAL
Connect code:	B
Size, pipe connection:	1" NPT
Flange size for motor:	56C
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	71BA
Number of poles:	2
P2:	0.75 HP
Power (P2) required by pump:	0.75 HP 0.75 HP
Mains frequency:	60 Hz
Rated voltage:	3 x 208-230 / 460 V
Service factor:	1,25
Rated current:	2.40-2.30 / 1.2 A
Starting current:	590-650 %
Cos phi - power factor:	0.84-0.78
Rated speed:	3430-3460 rpm
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	85900702
Others:	
Net weight:	50.3 lb
Gross weight:	55.8 lb
Shipping volume:	1.77 ft³



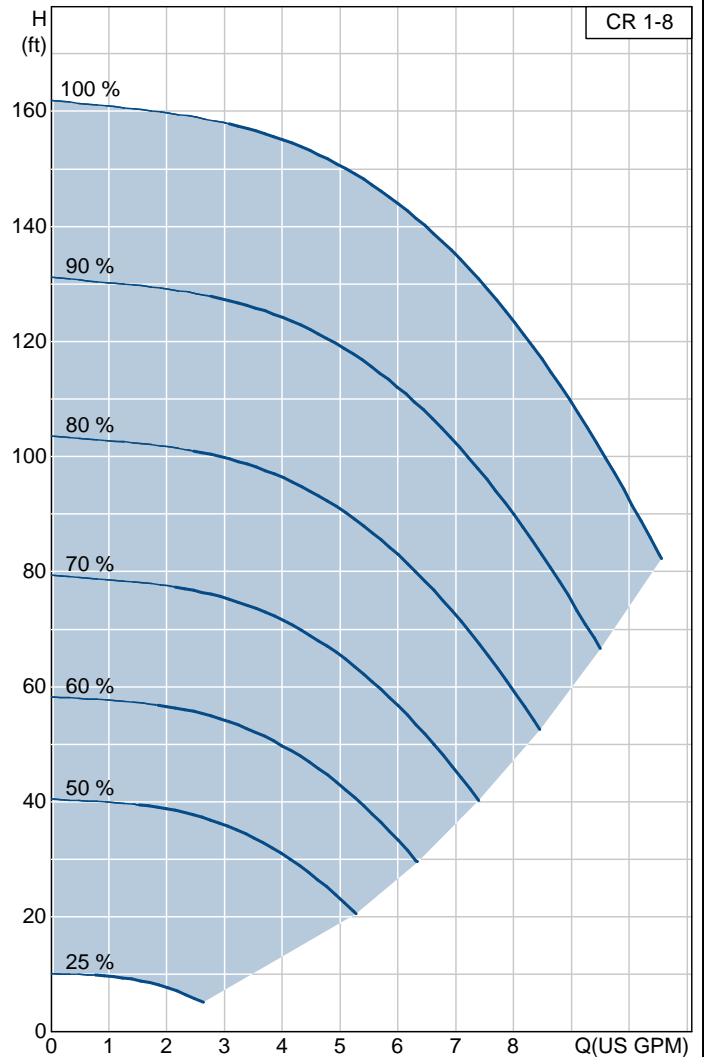
Description	Value
Product name:	CR 1-7 A-A-A-E HQQE
Product Number:	96516176
EAN number:	5700396738130
Technical:	
Speed for pump data:	2873 rpm
Rated flow:	7.925 US GPM
Rated head:	108 ft
Head max:	141 ft
Impellers:	7
Type of shaft seal:	HQQE
Approvals on nameplate:	CE
Stages:	7
Pump version:	A
Model:	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:	232 / 250 psi/°F 232 / -4 psi/°F
Standard, pipe connection:	Oval
Connect code:	A
Size, pipe connection:	Rp 1
Flange size for motor:	FT85
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	71A
Efficiency class:	0
Number of poles:	2
P2:	0.5 HP
Power (P2) required by pump:	0.5 HP
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240 D / 380-415 Y V
Rated current:	1.74 / 1 A
Starting current:	490-530 %
Cos phi - power factor:	0,80-0,70
Rated speed:	2850-2880 rpm
Full load motor efficiency:	78,5 %
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	85805102
Others:	
Net weight:	44.1 lb
Gross weight:	48.5 lb
Shipping volume:	1.77 ft³



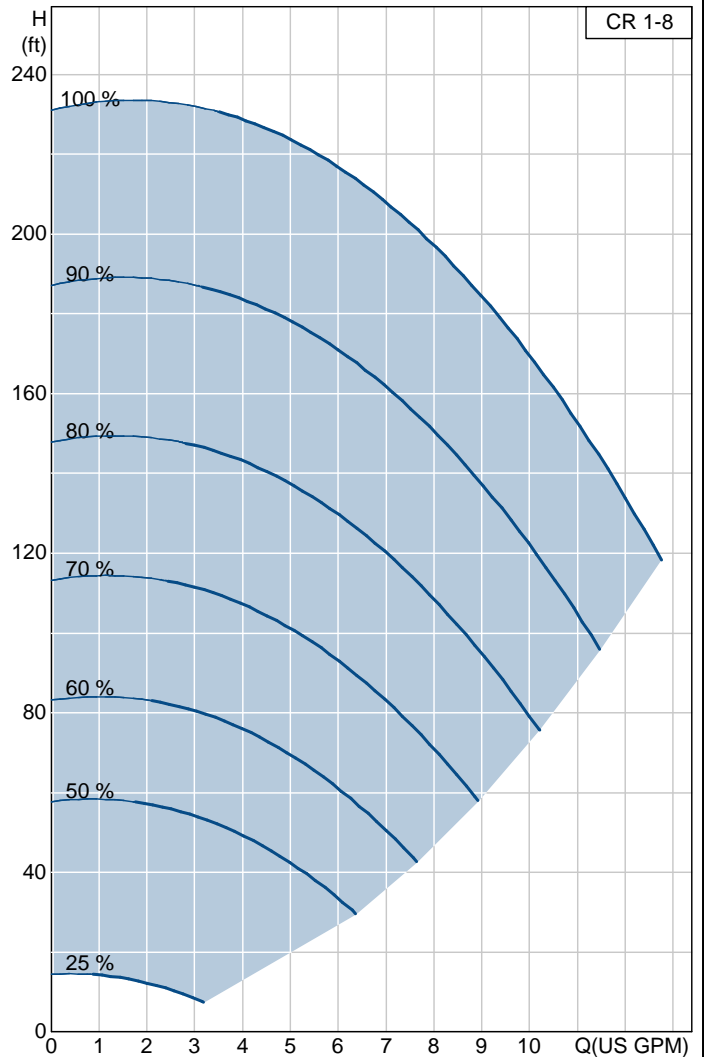
Description	Value
Product name:	CR 1-7 A-B-A-E HQQE
Product Number:	96081976
EAN number:	5700395167146
Technical:	
Speed for pump data:	3439 rpm
Rated flow:	9.686 US GPM
Rated head:	145 ft
Impellers:	7
Type of shaft seal:	HQQE
Approvals on nameplate:	NEMA
Stages:	7
Pump version:	A
Model:	A
Cooling:	TEFC
Materials:	
Material, pump housing:	Cast iron EN-JL1030 DIN W.-Nr. 25 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:	OVAL
Connect code:	B
Size, pipe connection:	1" NPT
Flange size for motor:	56C
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	71BA
Number of poles:	2
P2:	0.75 HP
Power (P2) required by pump:	0.75 HP 0.75 HP
Mains frequency:	60 Hz
Rated voltage:	3 x 208-230 / 460 V
Service factor:	1,25
Rated current:	2.40-2.30 / 1.2 A
Starting current:	590-650 %
Cos phi - power factor:	0.84-0.78
Rated speed:	3430-3460 rpm
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	85900702
Others:	
Net weight:	51.6 lb
Gross weight:	57.1 lb
Shipping volume:	1.77 ft³



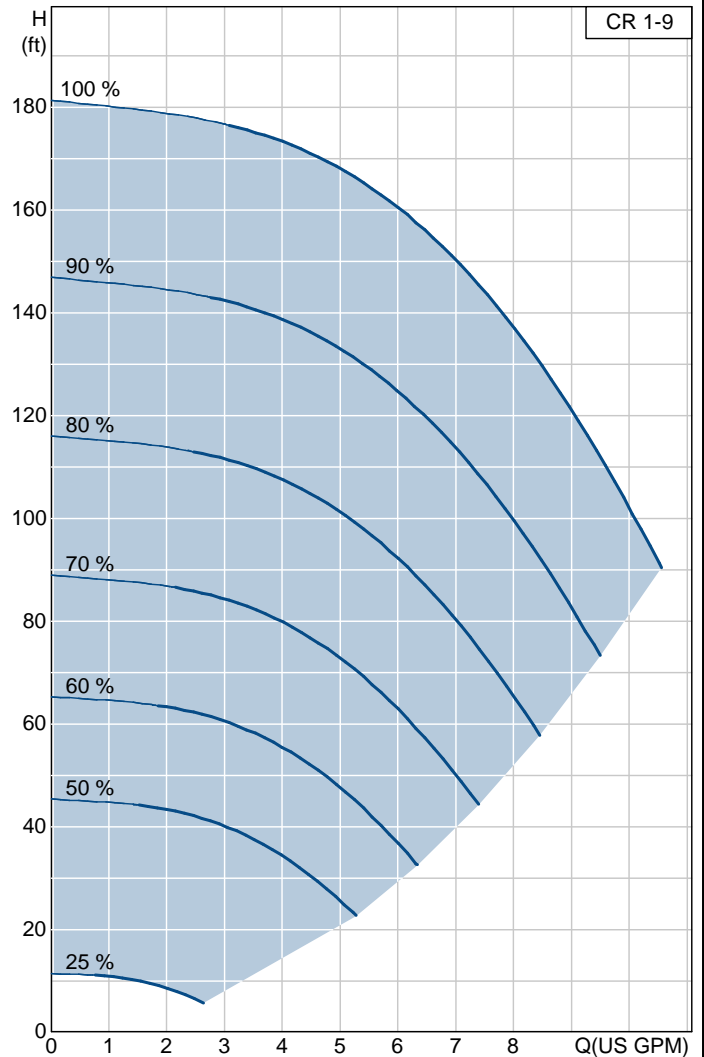
Description	Value
Product name:	CR 1-8 A-A-A-E HQQE
Product Number:	96516177
EAN number:	5700396738154
Technical:	
Speed for pump data:	2856 rpm
Rated flow:	7.925 US GPM
Rated head:	125 ft
Head max:	161 ft
Impellers:	8
Type of shaft seal:	HQQE
Approvals on nameplate:	CE
Stages:	8
Pump version:	A
Model:	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:	232 / 250 psi/°F 232 / -4 psi/°F
Standard, pipe connection:	Oval
Connect code:	A
Size, pipe connection:	Rp 1
Flange size for motor:	FT85
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	71B
Efficiency class:	0
Number of poles:	2
P2:	0.75 HP
Power (P2) required by pump:	0.75 HP
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240 D / 380-415 Y V
Rated current:	2.5 / 1.44 A
Starting current:	480-520 %
Cos phi - power factor:	0,80-0,70
Rated speed:	2830-2850 rpm
Full load motor efficiency:	80,0 %
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	85805103
Others:	
Net weight:	46.3 lb
Gross weight:	50.7 lb
Shipping volume:	1.77 ft³



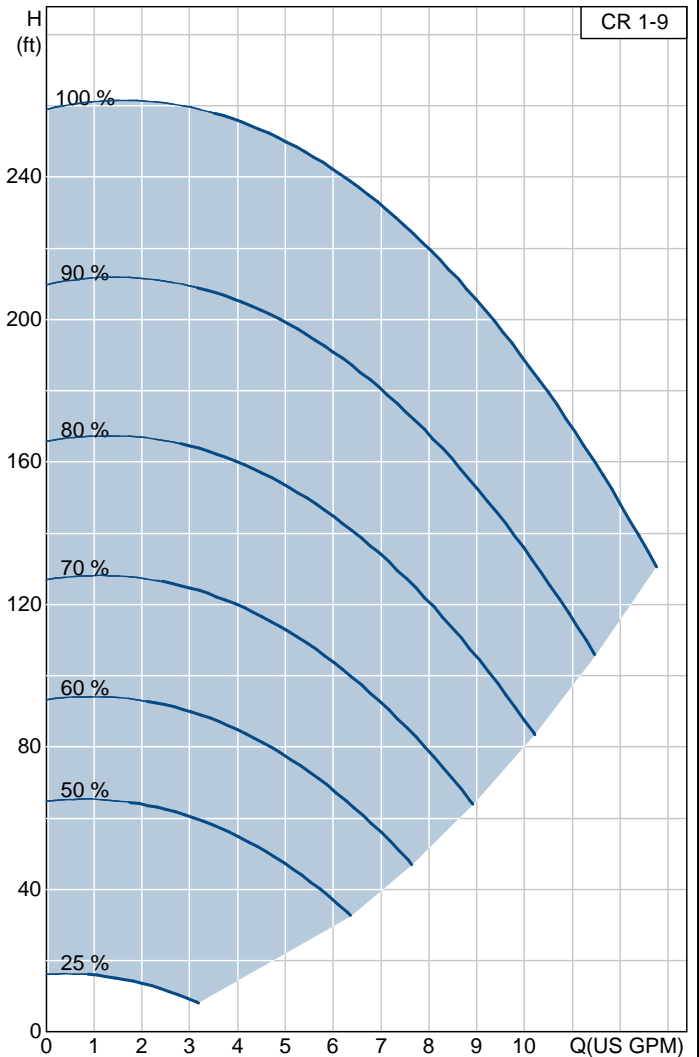
Description	Value
Product name:	CR 1-8 A-B-A-E HQQE
Product Number:	96081978
EAN number:	5700395167160
Technical:	
Speed for pump data:	3484 rpm
Rated flow:	9.686 US GPM
Rated head:	164 ft
Impellers:	8
Type of shaft seal:	HQQE
Approvals on nameplate:	NEMA
Stages:	8
Pump version:	A
Model:	A
Cooling:	TEFC
Materials:	
Material, pump housing:	Cast iron EN-JL1030 DIN W.-Nr. 25 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:	OVAL
Connect code:	B
Size, pipe connection:	1" NPT
Flange size for motor:	56C
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	71BB
Number of poles:	2
P2:	1 HP
Power (P2) required by pump:	1 HP 1 HP
Mains frequency:	60 Hz
Rated voltage:	3 x 208-230 / 460 V
Service factor:	1,25
Rated current:	3.25-3.35 / 1.68 A
Starting current:	590-650 %
Cos phi - power factor:	0.81-0.72
Rated speed:	3430-3460 rpm
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	85900703
Others:	
Net weight:	55.1 lb
Gross weight:	60.6 lb
Shipping volume:	1.77 ft³



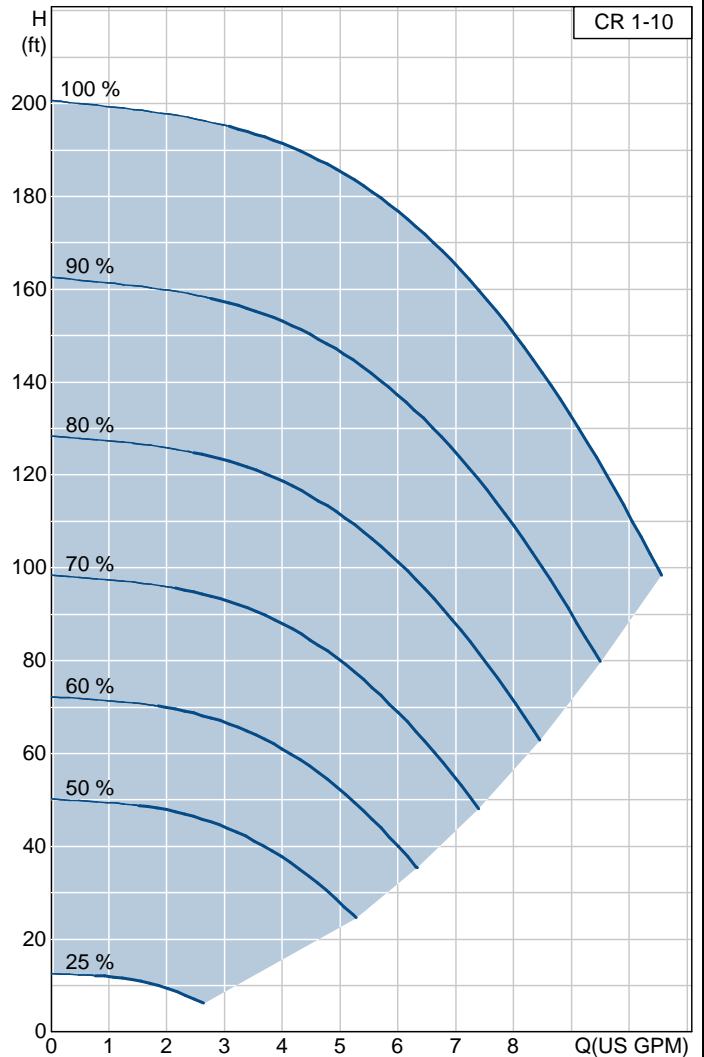
Description	Value
Product name:	CR 1-9 A-A-A-E HQQE
Product Number:	96516178
EAN number:	5700396738178
Technical:	
Speed for pump data:	2856 rpm
Rated flow:	7.925 US GPM
Rated head:	138 ft
Head max:	180 ft
Impellers:	9
Type of shaft seal:	HQQE
Approvals on nameplate:	CE
Stages:	9
Pump version:	A
Model:	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:	232 / 250 psi/°F 232 / -4 psi/°F
Standard, pipe connection:	Oval
Connect code:	A
Size, pipe connection:	Rp 1
Flange size for motor:	FT85
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	71B
Efficiency class:	0
Number of poles:	2
P2:	0.75 HP
Power (P2) required by pump:	0.75 HP
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240 D / 380-415 Y V
Rated current:	2.5 / 1.44 A
Starting current:	480-520 %
Cos phi - power factor:	0,80-0,70
Rated speed:	2830-2850 rpm
Full load motor efficiency:	80,0 %
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	85805103
Others:	
Net weight:	47.4 lb
Gross weight:	51.8 lb
Shipping volume:	1.77 ft³



Description	Value
Product name:	CR 1-9 A-B-A-E HQQE
Product Number:	96081980
EAN number:	5700395167184
Technical:	
Speed for pump data:	3484 rpm
Rated flow:	9.686 US GPM
Rated head:	183 ft
Impellers:	9
Type of shaft seal:	HQQE
Approvals on nameplate:	NEMA
Stages:	9
Pump version:	A
Model:	A
Cooling:	TEFC
Materials:	
Material, pump housing:	Cast iron EN-JL1030 DIN W.-Nr. 25 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:	OVAL
Connect code:	B
Size, pipe connection:	1" NPT
Flange size for motor:	56C
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	71BB
Number of poles:	2
P2:	1 HP
Power (P2) required by pump:	1 HP 1 HP
Mains frequency:	60 Hz
Rated voltage:	3 x 208-230 / 460 V
Service factor:	1,25
Rated current:	3.25-3.35 / 1.68 A
Starting current:	590-650 %
Cos phi - power factor:	0.81-0.72
Rated speed:	3430-3460 rpm
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	85900703
Others:	
Net weight:	56 lb
Gross weight:	61.5 lb
Shipping volume:	1.77 ft³



Description	Value
Product name:	CR 1-10 A-A-A-E HQQE
Product Number:	96516180
EAN number:	5700396738208
Technical:	
Speed for pump data:	2856 rpm
Rated flow:	7.925 US GPM
Rated head:	152 ft
Head max:	200 ft
Impellers:	10
Type of shaft seal:	HQQE
Approvals on nameplate:	CE
Stages:	10
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:	232 / 250 psi/°F 232 / -4 psi/°F
Standard, pipe connection:	Oval
Connect code:	A
Size, pipe connection:	Rp 1
Flange size for motor:	FT85
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	71B
Efficiency class:	0
Number of poles:	2
P2:	0.75 HP
Power (P2) required by pump:	0.75 HP
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240 D / 380-415 Y V
Rated current:	2.5 / 1.44 A
Starting current:	480-520 %
Cos phi - power factor:	0,80-0,70
Rated speed:	2830-2850 rpm
Full load motor efficiency:	80,0 %
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	85805103
Others:	
Net weight:	48.2 lb
Gross weight:	52.6 lb
Shipping volume:	1.77 ft³





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 1-10 A-B-A-E HQQE
Product Number:	96081982
EAN number:	5700395167207
Technical:	
Speed for pump data:	3484 rpm
Rated flow:	9.686 US GPM
Rated head:	204 ft
Impellers:	10
Type of shaft seal:	HQQE
Approvals on nameplate:	NEMA
Stages:	10
Pump version:	A
Model:	A
Cooling:	TEFC
Materials:	
Material, pump housing:	Cast iron EN-JL1030 DIN W.-Nr. 25 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:	OVAL
Connect code:	B
Size, pipe connection:	1" NPT
Flange size for motor:	56C
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	71BB
Number of poles:	2
P2:	1 HP
Power (P2) required by pump:	1 HP 1 HP
Mains frequency:	60 Hz
Rated voltage:	3 x 208-230 / 460 V
Service factor:	1,15
Rated current:	3.25-3.35 / 1.68 A
Starting current:	590-650 %
Cos phi - power factor:	0.81-0.72
Rated speed:	3430-3460 rpm
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	85900703
Others:	
Net weight:	57.1 lb
Gross weight:	62.6 lb
Shipping volume:	1.77 ft³

