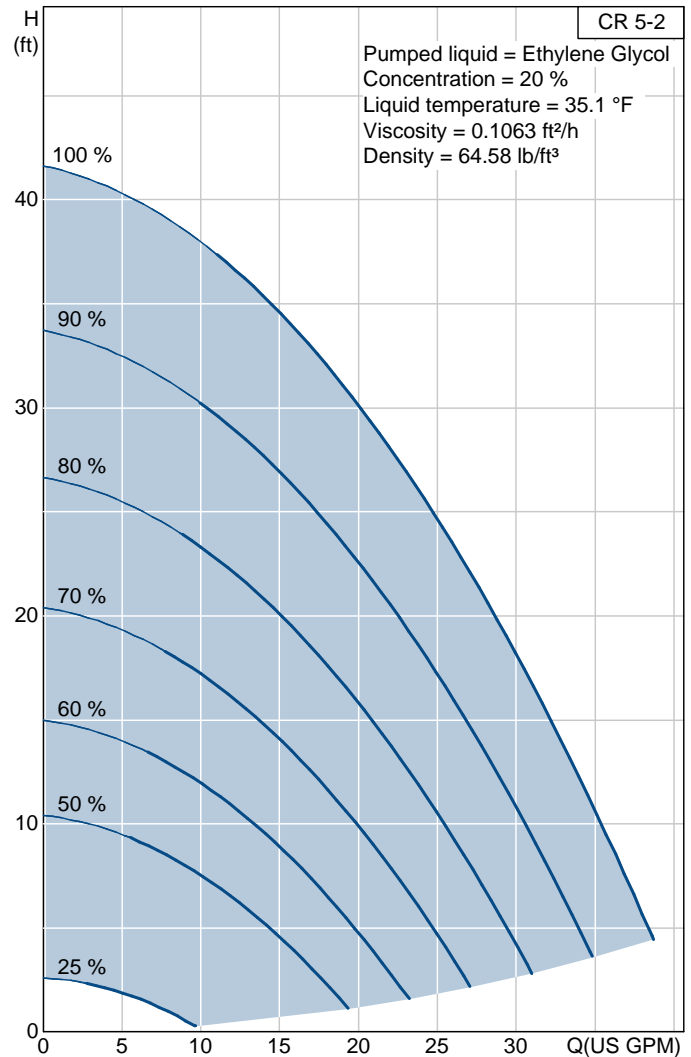
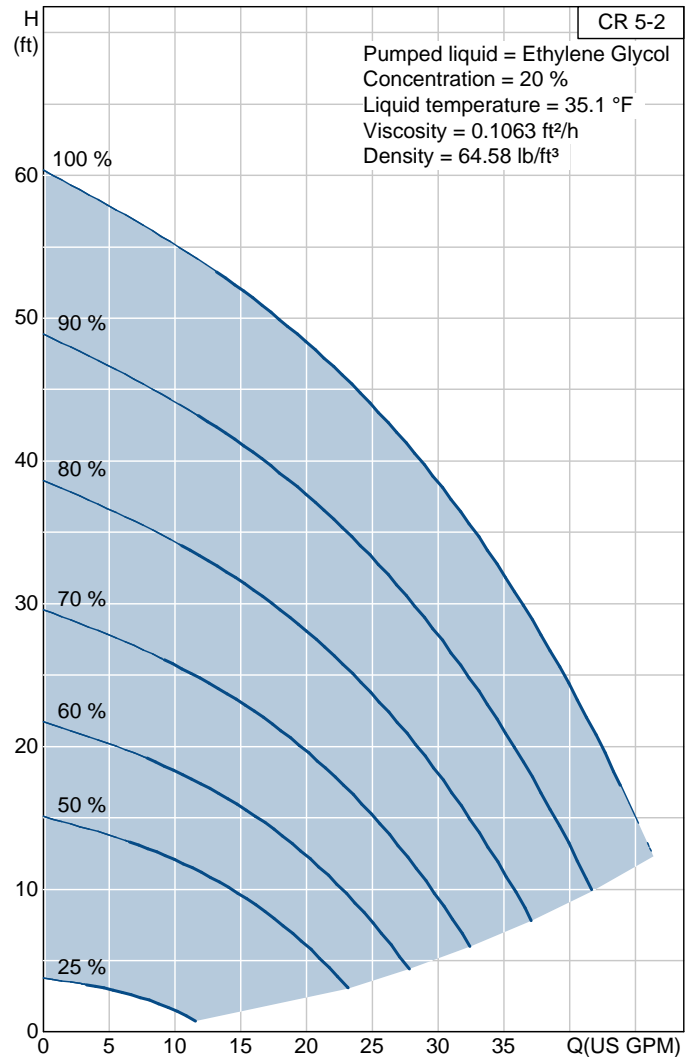


Description	Value
Product name:	CR 5-2 A-A-A-E HQQE
Product Number:	96516975
EAN number:	5700396753805
Technical:	
Speed for pump data:	2873 rpm
Rated flow:	25.1 US GPM
Rated head:	26.2 ft
Head max:	42.7 ft
Impellers:	2
Type of shaft seal:	HQQE
Approvals on nameplate:	CE
Stages:	2
Pump version:	A
Model:	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 1/4
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:	40.2 lb
Gross weight:	44.6 lb
Shipping volume:	1.77 ft³



Description	Value
Product name:	CR 5-2 A-B-A-E HQQE
Product Number:	96084097
EAN number:	5700395189353
Technical:	
Speed for pump data:	3439 rpm
Rated flow:	30.38 US GPM
Rated head:	37.1 ft
Impellers:	2
Type of shaft seal:	HQQE
Approvals on nameplate:	NEMA
Stages:	2
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 1/4" 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:	48.5 lb
Gross weight:	54 lb
Shipping volume:	1.77 ft³





Edwards Engineering

60 Years of Excellence

Company name: Chiller Solutions LLC

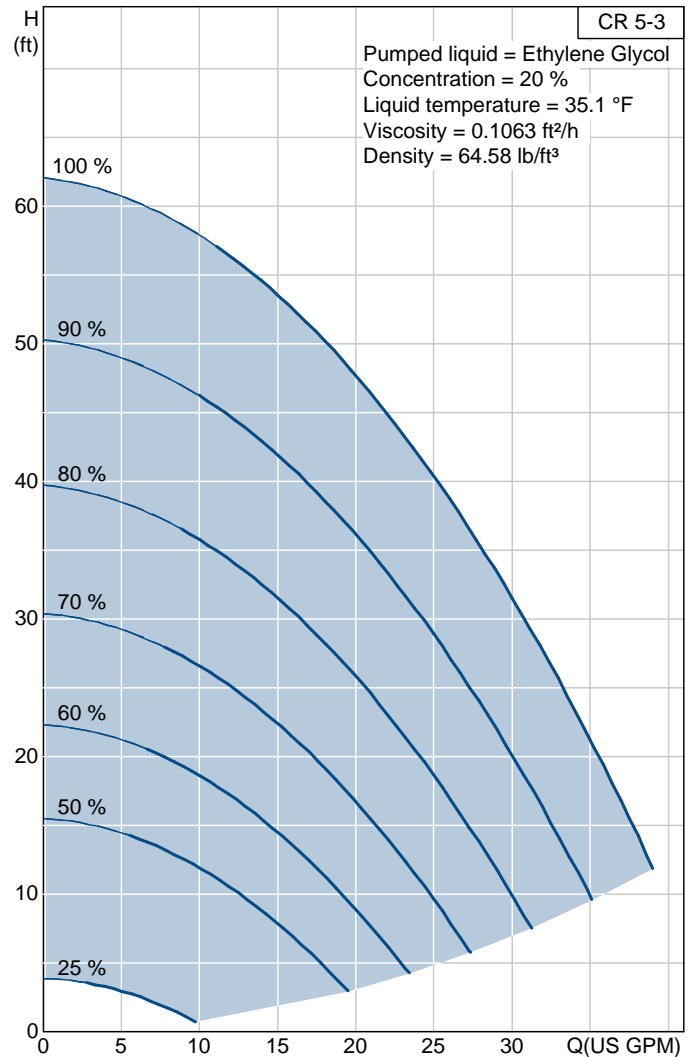
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Phone: 973-835-2800

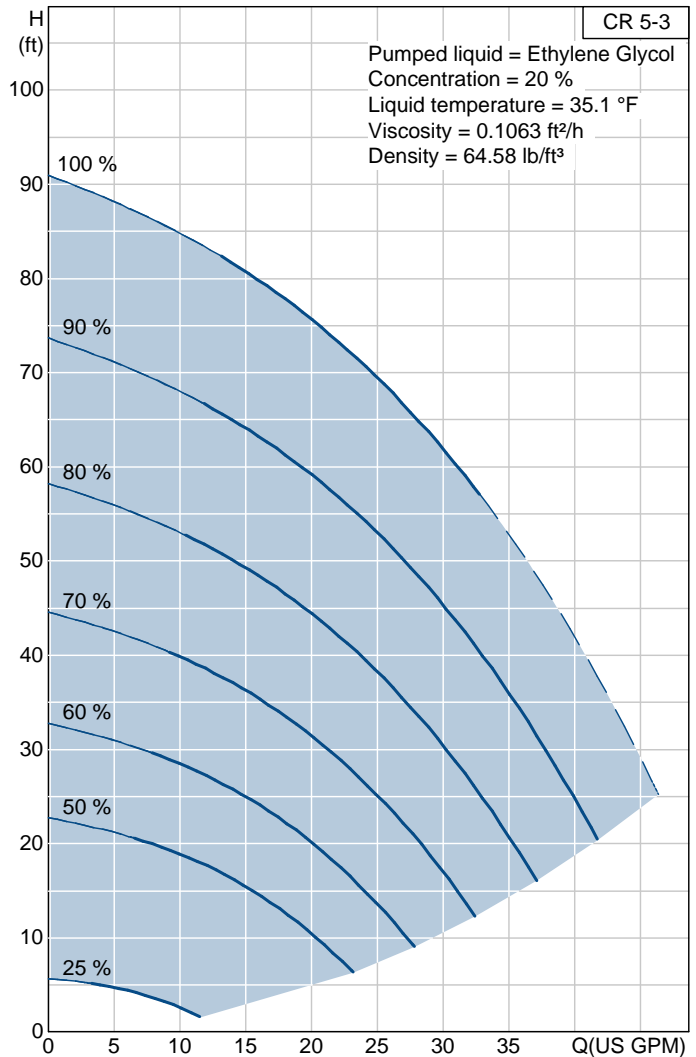
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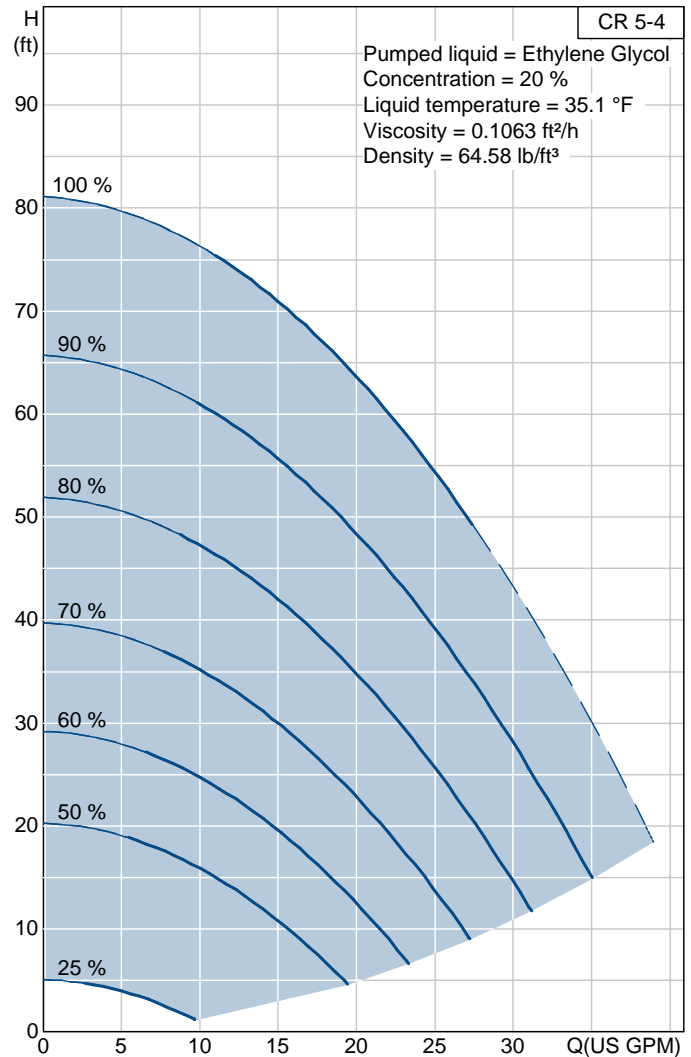
Description	Value
Product name:	CR 5-3 A-A-A-E HQQE
Product Number:	96516976
EAN number:	5700396754024
Technical:	
Speed for pump data:	2856 rpm
Rated flow:	25.1 US GPM
Rated head:	43 ft
Head max:	65.6 ft
Impellers:	3
Type of shaft seal:	HQQE
Approvals on nameplate:	CE
Stages:	3
Pump version:	A
Model:	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 1/4
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:	43.1 lb
Gross weight:	47.5 lb
Shipping volume:	1.77 ft³



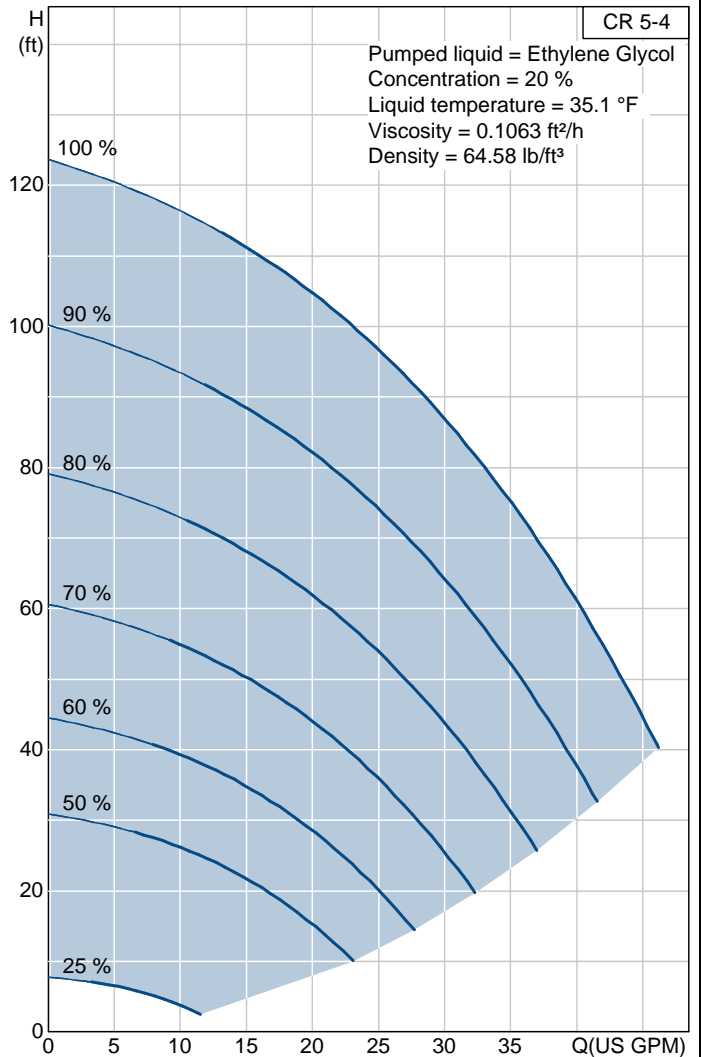
Description	Value
Product name:	CR 5-3 A-B-A-E HQQE
Product Number:	96084099
EAN number:	5700395189377
Technical:	
Speed for pump data:	3484 rpm
Rated flow:	30.38 US GPM
Rated head:	61 ft
Impellers:	3
Type of shaft seal:	HQQE
Approvals on nameplate:	NEMA
Stages:	3
Pump version:	A
Model:	A
Cooling:	TEFC
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 1/4" 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:	51.2 lb
Gross weight:	56.7 lb
Shipping volume:	1.77 ft³



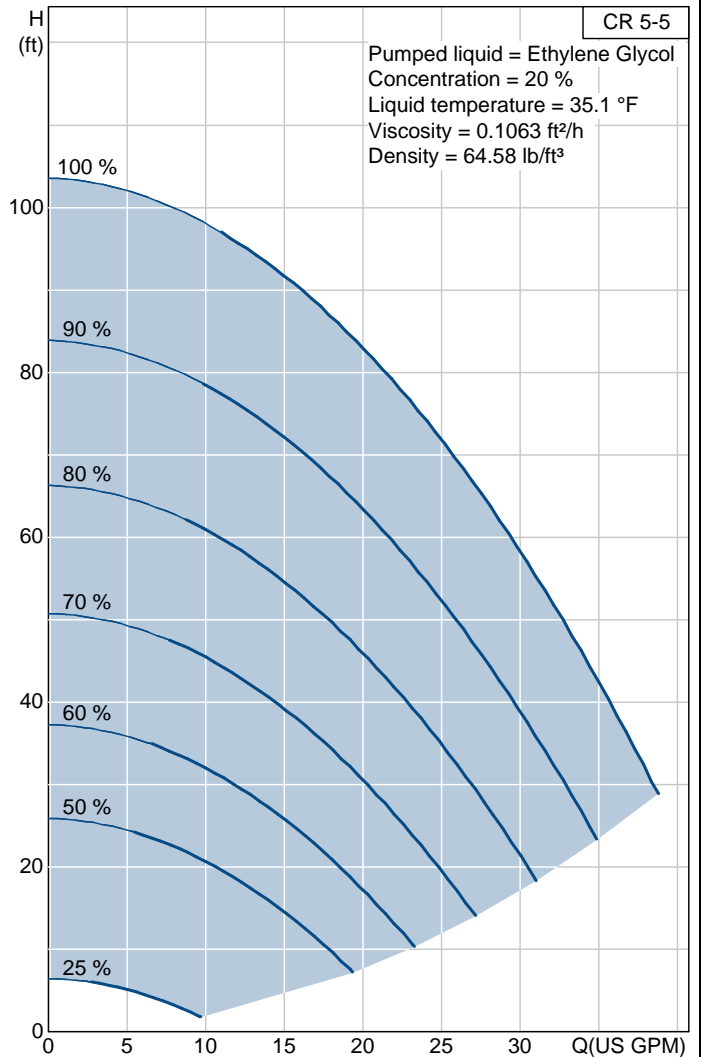
Description	Value
Product name:	CR 5-4 A-A-A-E HQQE
Product Number:	96516977
EAN number:	5700396754048
Technical:	
Speed for pump data:	2856 rpm
Rated flow:	25.1 US GPM
Rated head:	55.8 ft
Head max:	88.6 ft
Impellers:	4
Type of shaft seal:	HQQE
Approvals on nameplate:	CE
Stages:	4
Pump version:	A
Model:	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 1/4
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:	44.3 lb
Gross weight:	48.7 lb
Shipping volume:	1.77 ft³



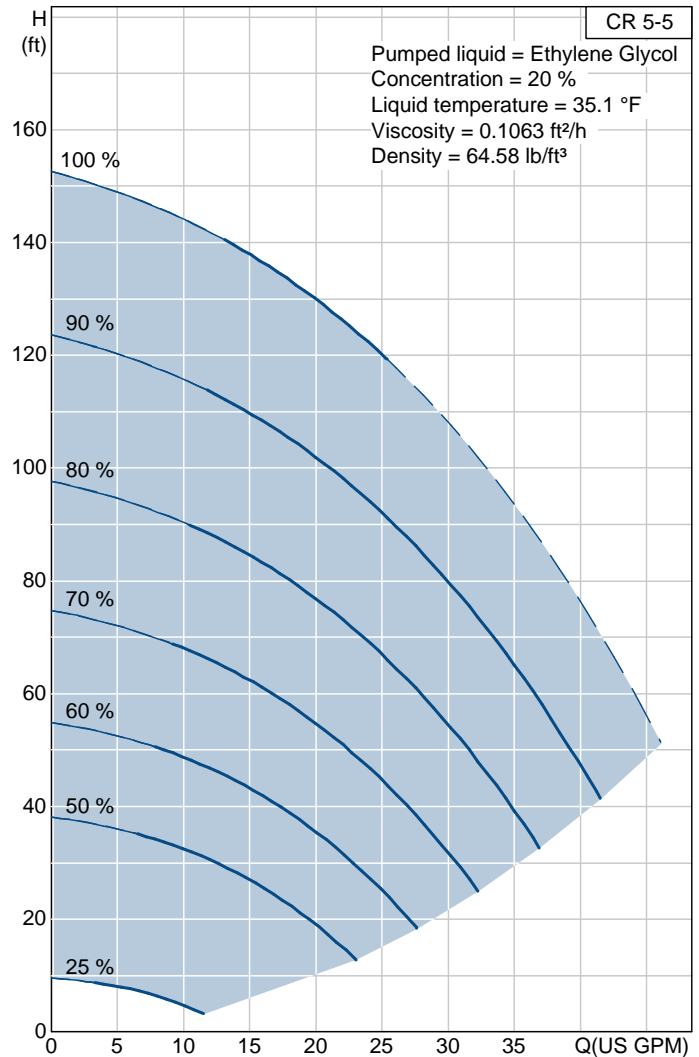
Description	Value
Product name:	CR 5-4 A-B-A-E HQQE
Product Number:	96084101
EAN number:	5700395189391
Technical:	
Speed for pump data:	3466 rpm
Rated flow:	30.38 US GPM
Rated head:	85 ft
Impellers:	4
Type of shaft seal:	HQQE
Approvals on nameplate:	NEMA
Stages:	4
Pump version:	A
Model:	A
Cooling:	TEFC
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 1/4" NPT
Flange size for motor:	56C
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	80BA
Number of poles:	2
P2:	1.5 HP
Power (P2) required by pump:	1.5 HP 1.5 HP
Mains frequency:	60 Hz
Rated voltage:	3 x 208-230 / 460 V
Service factor:	1,15
Rated current:	4,70-4,60 / 2.3 A
Starting current:	720-800 %
Cos phi - power factor:	0.84-0.75
Rated speed:	3450-3480 rpm
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	85900704
Others:	
Net weight:	58.2 lb
Gross weight:	63.7 lb
Shipping volume:	1.77 ft³



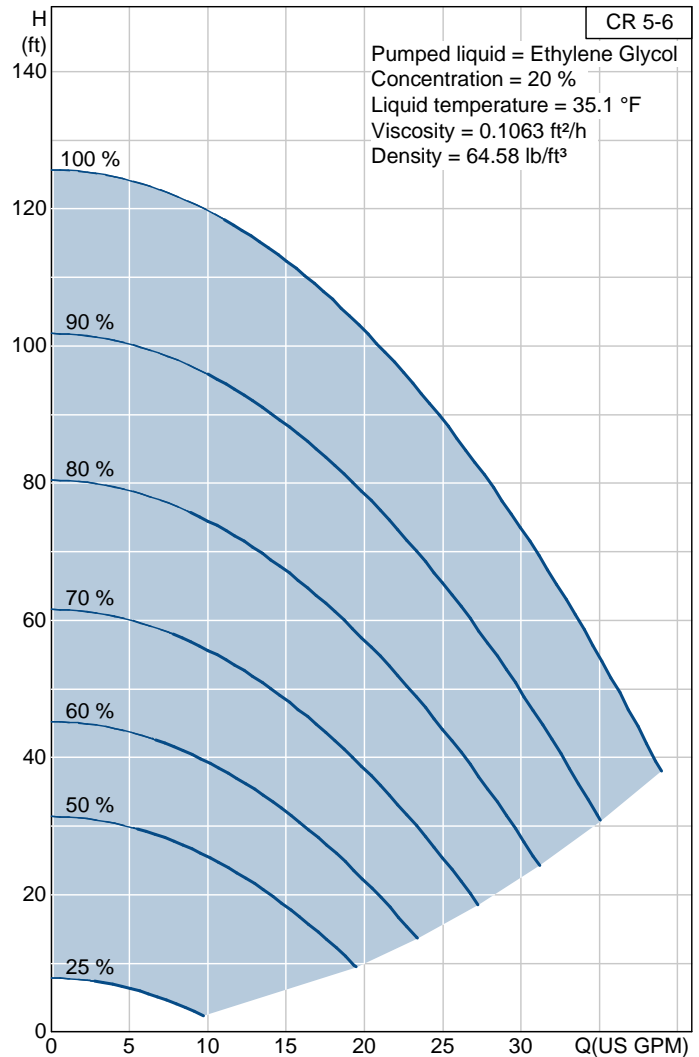
Description	Value
Product name:	CR 5-5 A-A-A-E HQQE
Product Number:	96516978
EAN number:	5700396754062
Technical:	
Speed for pump data:	2864 rpm
Rated flow:	25.1 US GPM
Rated head:	75.8 ft
Head max:	108 ft
Impellers:	5
Type of shaft seal:	HQQE
Approvals on nameplate:	CE
Stages:	5
Pump version:	A
Model:	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 1/4
Flange size for motor:	FT100
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	80A
Efficiency class:	0
Number of poles:	2
P2:	1 HP
Power (P2) required by pump:	1 HP
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240 D / 380-415 Y V
Rated current:	3.3 / 1.9 A
Starting current:	580-620 %
Cos phi - power factor:	0,81-0,71
Rated speed:	2840-2870 rpm
Full load motor efficiency:	81,0 %
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	85805104
Others:	
Net weight:	49.2 lb
Gross weight:	53.6 lb
Shipping volume:	1.77 ft³



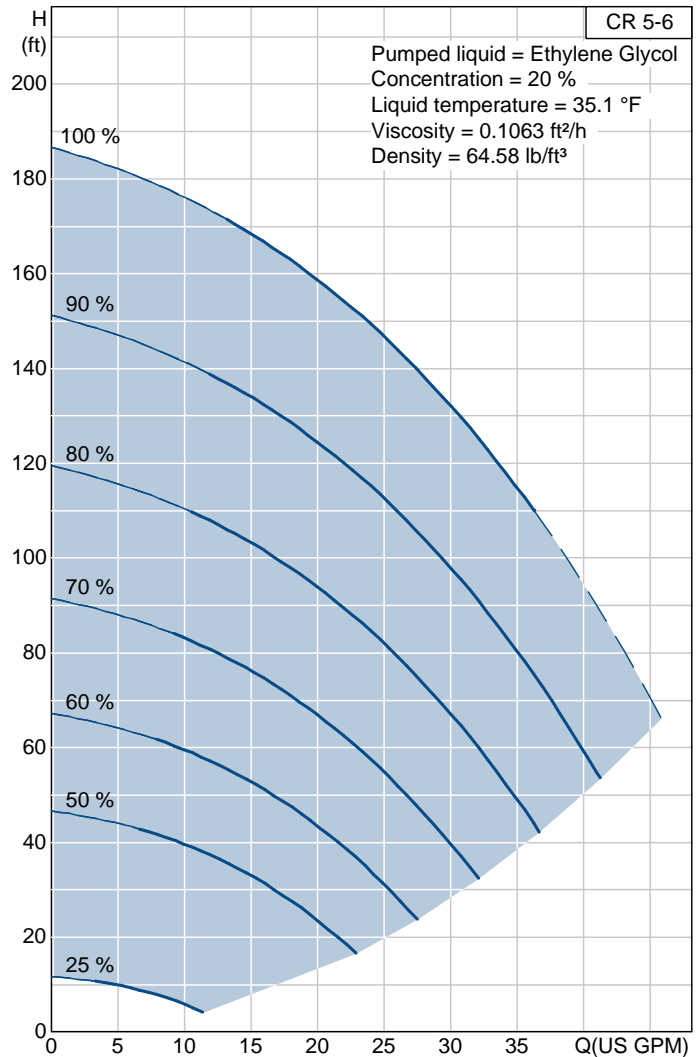
Description	Value
Product name:	CR 5-5 A-B-A-E HQQE
Product Number:	96084103
EAN number:	5700395189414
Technical:	
Speed for pump data:	3466 rpm
Rated flow:	30.38 US GPM
Rated head:	110 ft
Impellers:	5
Type of shaft seal:	HQQE
Approvals on nameplate:	NEMA
Stages:	5
Pump version:	A
Model:	A
Cooling:	TEFC
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 1/4" NPT
Flange size for motor:	56C
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	80BA
Number of poles:	2
P2:	1.5 HP
Power (P2) required by pump:	1.5 HP 1.5 HP
Mains frequency:	60 Hz
Rated voltage:	3 x 208-230 / 460 V
Service factor:	1,15
Rated current:	4,70-4,60 / 2.3 A
Starting current:	720-800 %
Cos phi - power factor:	0.84-0.75
Rated speed:	3450-3480 rpm
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	85900704
Others:	
Net weight:	60.9 lb
Gross weight:	66.4 lb
Shipping volume:	1.77 ft³



Description	Value
Product name:	CR 5-6 A-A-A-E HQQE
Product Number:	96516979
EAN number:	5700396754086
Technical:	
Speed for pump data:	2853 rpm
Rated flow:	25.1 US GPM
Rated head:	93.8 ft
Head max:	131 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 1/4
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:	55.3 lb
Gross weight:	59.7 lb
Shipping volume:	1.77 ft³



Description	Value
Product name:	CR 5-6 A-B-A-E HQQE
Product Number:	96084105
EAN number:	5700395189438
Technical:	
Speed for pump data:	3452 rpm
Rated flow:	30.38 US GPM
Rated head:	134 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 1/4" NPT
Flange size for motor:	56C
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	90CC
Number of poles:	2
P2:	2 HP
Power (P2) required by pump:	2 HP 2 HP
Mains frequency:	60 Hz
Rated voltage:	3 x 208-230 / 460 V
Service factor:	1,15
Rated current:	5.70-5.40 / 2.7 A
Starting current:	810-900 %
Cos phi - power factor:	0.88-0.84
Rated speed:	3480-3510 rpm
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	85900705
Others:	
Net weight:	66.8 lb
Gross weight:	73.4 lb
Shipping volume:	2.12 ft³





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60 Years of Excellence

Company name: Chiller Solutions LLC

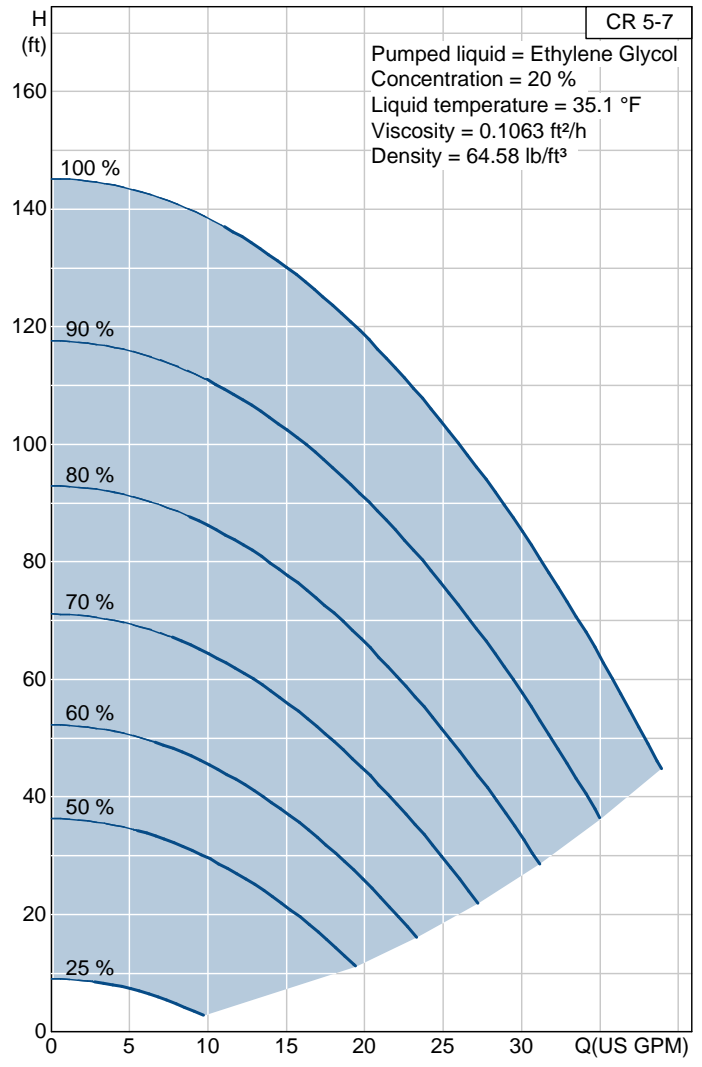
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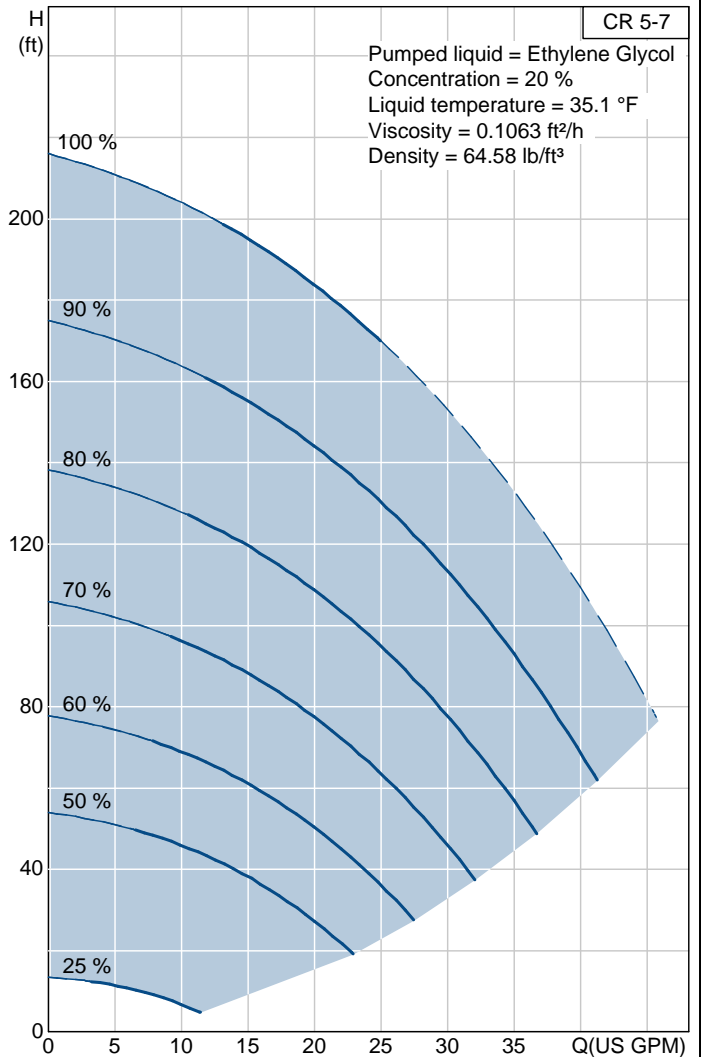
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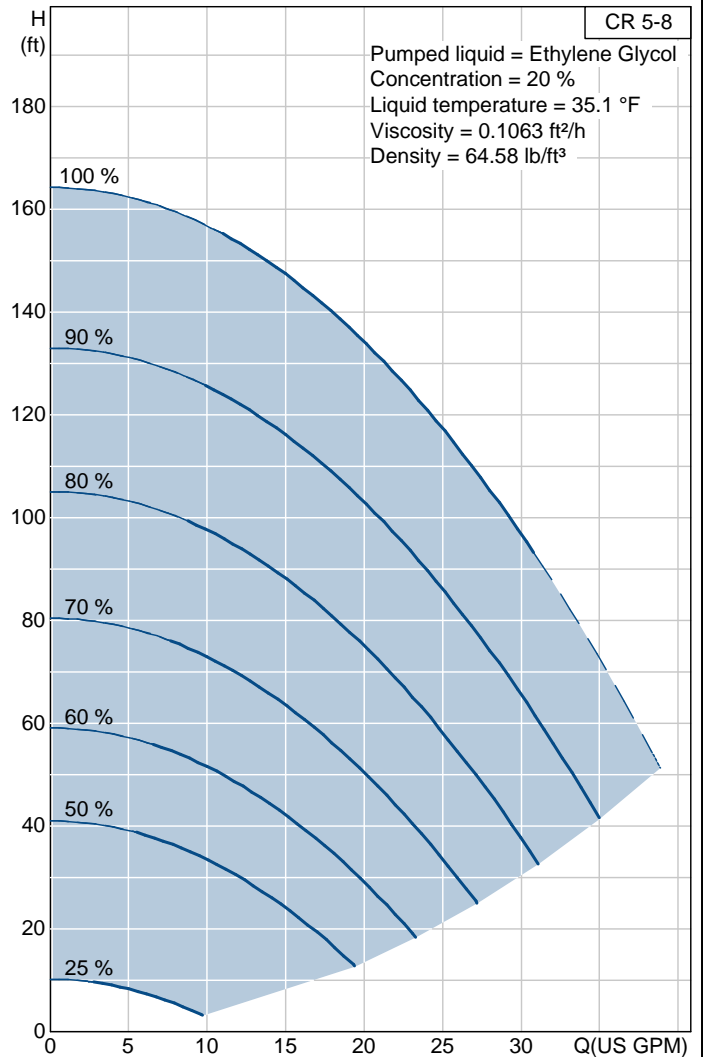
Description	Value
Product name:	CR 5-7 A-A-A-E HQQE
Product Number:	96516990
EAN number:	5700396754109
Technical:	
Speed for pump data:	2853 rpm
Rated flow:	25.1 US GPM
Rated head:	109 ft
Head max:	154 ft
Impellers:	7
Type of shaft seal:	HQQE
Approvals on nameplate:	CE
Stages:	7
Pump version:	A
Model:	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 1/4
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:	56.4 lb
Gross weight:	60.9 lb
Shipping volume:	1.77 ft³



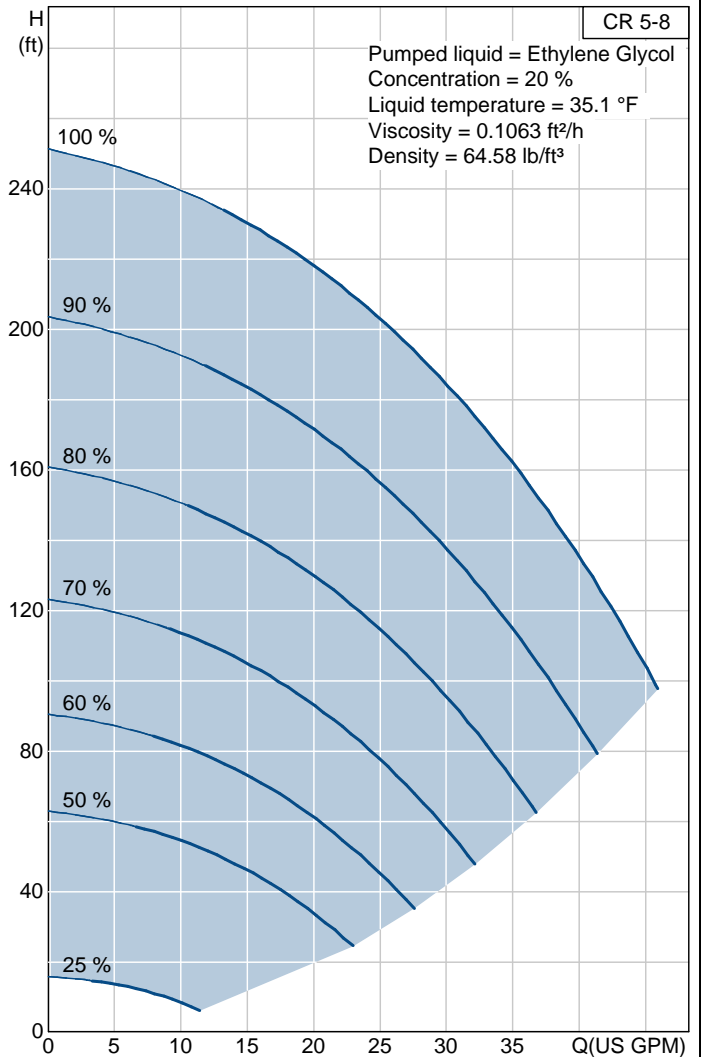
Description	Value
Product name:	CR 5-7 A-B-A-E HQQE
Product Number:	96084107
EAN number:	5700395189452
Technical:	
Speed for pump data:	3452 rpm
Rated flow:	30.38 US GPM
Rated head:	158 ft
Impellers:	7
Type of shaft seal:	HQQE
Approvals on nameplate:	NEMA
Stages:	7
Pump version:	A
Model:	A
Cooling:	TEFC
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 1/4" NPT
Flange size for motor:	56C
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	90CC
Number of poles:	2
P2:	2 HP
Power (P2) required by pump:	2 HP 2 HP
Mains frequency:	60 Hz
Rated voltage:	3 x 208-230 / 460 V
Service factor:	1,15
Rated current:	5.70-5.40 / 2.7 A
Starting current:	810-900 %
Cos phi - power factor:	0.88-0.84
Rated speed:	3480-3510 rpm
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	85900705
Others:	
Net weight:	68.6 lb
Gross weight:	76.3 lb
Shipping volume:	2.83 ft³



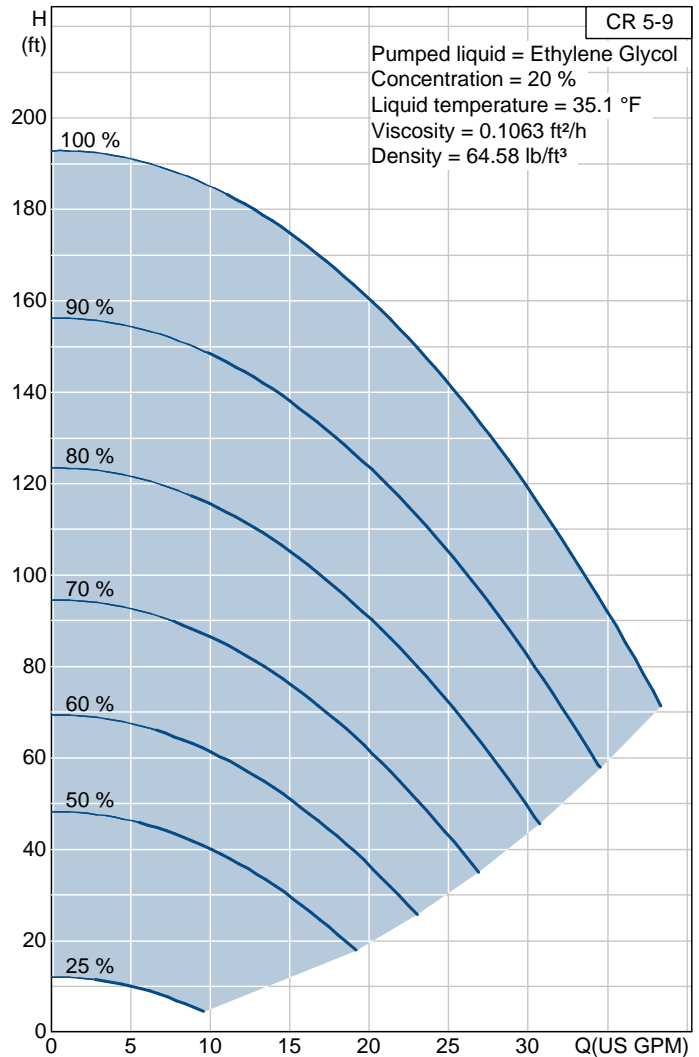
Description	Value
Product name:	CR 5-8 A-A-A-E HQQE
Product Number:	96516991
EAN number:	5700396754123
Technical:	
Speed for pump data:	2853 rpm
Rated flow:	25.1 US GPM
Rated head:	124 ft
Head max:	177 ft
Impellers:	8
Type of shaft seal:	HQQE
Approvals on nameplate:	CE
Stages:	8
Pump version:	A
Model:	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 1/4
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:	57.7 lb
Gross weight:	62.1 lb
Shipping volume:	2.12 ft³



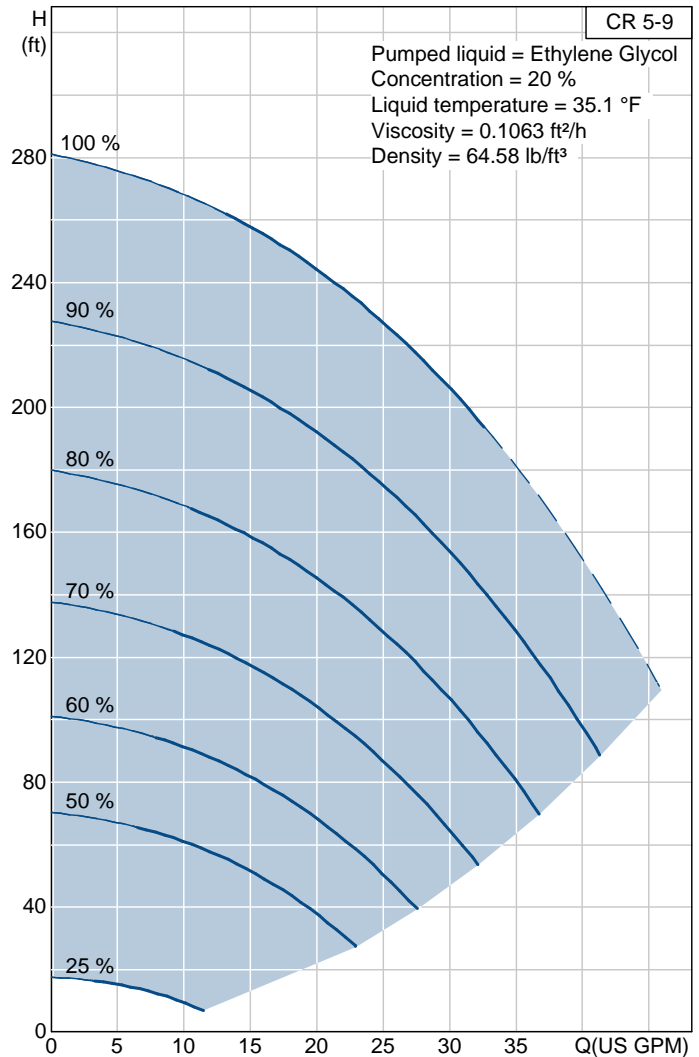
Description	Value
Product name:	CR 5-8 A-B-A-E HQQE
Product Number:	96084109
EAN number:	5700395189476
Technical:	
Speed for pump data:	3461 rpm
Rated flow:	30.38 US GPM
Rated head:	182 ft
Impellers:	8
Type of shaft seal:	HQQE
Approvals on nameplate:	NEMA
Stages:	8
Pump version:	A
Model:	A
Cooling:	TEFC
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 1/4" NPT
Flange size for motor:	182TC
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	90CB
Number of poles:	2
P2:	3 HP
Power (P2) required by pump:	3 HP 3 HP
Mains frequency:	60 Hz
Rated voltage:	3 x 208-230 / 460 V
Service factor:	1,15
Rated current:	8.90-8.50 / 4.25 A
Starting current:	680-750 %
Cos phi - power factor:	0.87-0.81
Rated speed:	3470-3500 rpm
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	85900712
Others:	
Net weight:	86.4 lb
Gross weight:	94.2 lb
Shipping volume:	2.83 ft³



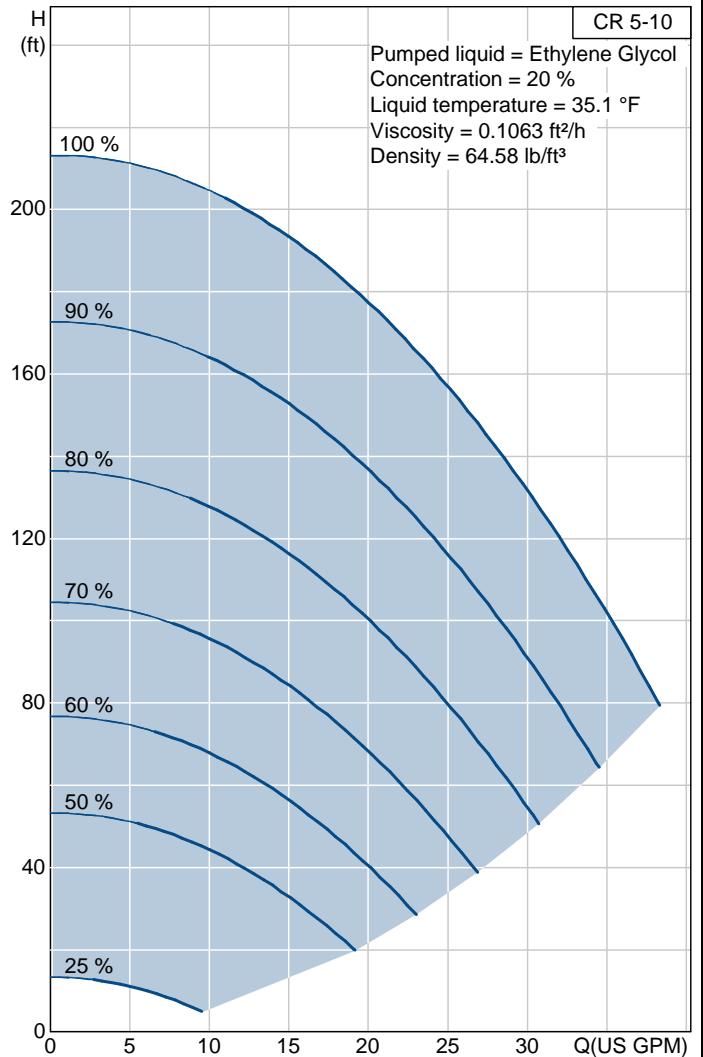
Description	Value
Product name:	CR 5-9 A-A-A-E HQQE
Product Number:	96516992
EAN number:	5700396754147
Technical:	
Speed for pump data:	2896 rpm
Rated flow:	25.1 US GPM
Rated head:	147 ft
Head max:	200 ft
Impellers:	9
Type of shaft seal:	HQQE
Approvals on nameplate:	CE
Stages:	9
Pump version:	A
Model:	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:	140 °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 1/4
Flange size for motor:	FT115
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	90SB
Efficiency class:	1
Number of poles:	2
P2:	2 HP
Power (P2) required by pump:	2 HP
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240 D / 380-415 Y V
Rated current:	5.45 / 3.15 A
Starting current:	850-930 %
Cos phi - power factor:	0,87-0,82
Rated speed:	2890-2910 rpm
Full load motor efficiency:	85,5 %
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	85D05906
Others:	
Net weight:	74.7 lb
Gross weight:	79.1 lb
Shipping volume:	2.83 ft³



Description	Value
Product name:	CR 5-9 A-B-A-E HQQE
Product Number:	96084111
EAN number:	5700395189490
Technical:	
Speed for pump data:	3461 rpm
Rated flow:	30.38 US GPM
Rated head:	206 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 1/4" NPT
Flange size for motor:	182TC
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	90CB
Number of poles:	2
P2:	3 HP
Power (P2) required by pump:	3 HP 3 HP
Mains frequency:	60 Hz
Rated voltage:	3 x 208-230 / 460 V
Service factor:	1,15
Rated current:	8.90-8.50 / 4.25 A
Starting current:	680-750 %
Cos phi - power factor:	0.87-0.81
Rated speed:	3470-3500 rpm
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	85900712
Others:	
Net weight:	87.3 lb
Gross weight:	95 lb
Shipping volume:	2.83 ft³



Description	Value
Product name:	CR 5-10 A-A-A-E HQQE
Product Number:	96516993
EAN number:	5700396754161
Technical:	
Speed for pump data:	2896 rpm
Rated flow:	25.1 US GPM
Rated head:	163 ft
Head max:	223 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:	140 °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 1/4
Flange size for motor:	FT115
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	90SB
Efficiency class:	1
Number of poles:	2
P2:	2 HP
Power (P2) required by pump:	2 HP
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240 D / 380-415 Y V
Rated current:	5.45 / 3.15 A
Starting current:	850-930 %
Cos phi - power factor:	0,87-0,82
Rated speed:	2890-2910 rpm
Full load motor efficiency:	85,5 %
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	85D05906
Others:	
Net weight:	75.9 lb
Gross weight:	80.3 lb
Shipping volume:	2.83 ft³



Description	Value
Product name:	CR 5-10 A-B-A-E HQQE
Product Number:	96084113
EAN number:	5700395189513
Technical:	
Speed for pump data:	3461 rpm
Rated flow:	30.38 US GPM
Rated head:	232 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 1/4" NPT
Flange size for motor:	182TC
Liquid:	
Liquid temperature range:	-4 .. 248 °F
Electrical data:	
Motor type:	90CB
Number of poles:	2
P2:	3 HP
Power (P2) required by pump:	3 HP 3 HP
Mains frequency:	60 Hz
Rated voltage:	3 x 208-230 / 460 V
Service factor:	1,15
Rated current:	8.90-8.50 / 4.25 A
Starting current:	680-750 %
Cos phi - power factor:	0.87-0.81
Rated speed:	3470-3500 rpm
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	85900712
Others:	
Net weight:	88.2 lb
Gross weight:	95.9 lb
Shipping volume:	2.83 ft³

