Contents

Item No.	Specifications	Selection Chart	Performance Curve	Pump Dimensions	Sectional View
CDU70/0-1/2HP CDU70/1-3/4HP CDU70/3-1½HP CDU70/5A-2HP CDU70/5B-2HP CDU120/1-1HP CDU120/3-1½HP CDU120/5-3HP CDU200/1-1½HP CDU200/3-3HP CDU200/5-3HP	303	305,312	306	318	319
CDX 70/076-3/4HP CDX 70/106-1HP CDX 70/156-1½HP CDX 120/106-1HP CDX 120/156-1½HP CDX 120/206-2HP CDX 200/156-1½HP CDX 200/206-2HP CDX 200/306-3HP	304	314	315	320	321

*Note: *Model CDU is Certified to NSF/ANSI/CAN 61 & NSF/ANSI 372*

Model CDU — EBARA Stainless Steel Centrifugal Pumps

Model Designation

CDU		70/1	7	D	1	1

MODEL TYPE

CDU – Stainless Steel Centrifugal

SPEED

(none) – .3500 RPM
4 – 1750 RPM

CASING AND IMPELLER SIZE

70/0	**120/1**	**200/1**
70/1	**120/3**	**200/3**
70/3	**120/5**	**200/5**
70/5A		
70/5B		

MOTOR HP

3 – 1/3 HP
5 – 1/2 HP
7 – 3/4 HP
10 – 1 HP
15 – 1 1/2 HP
20 – 2 HP
30 – 3 HP

MOTOR ENCLOSURE

D – ODP
T – TEFC
W – Washdown
X – Explosion Proof

PHASE

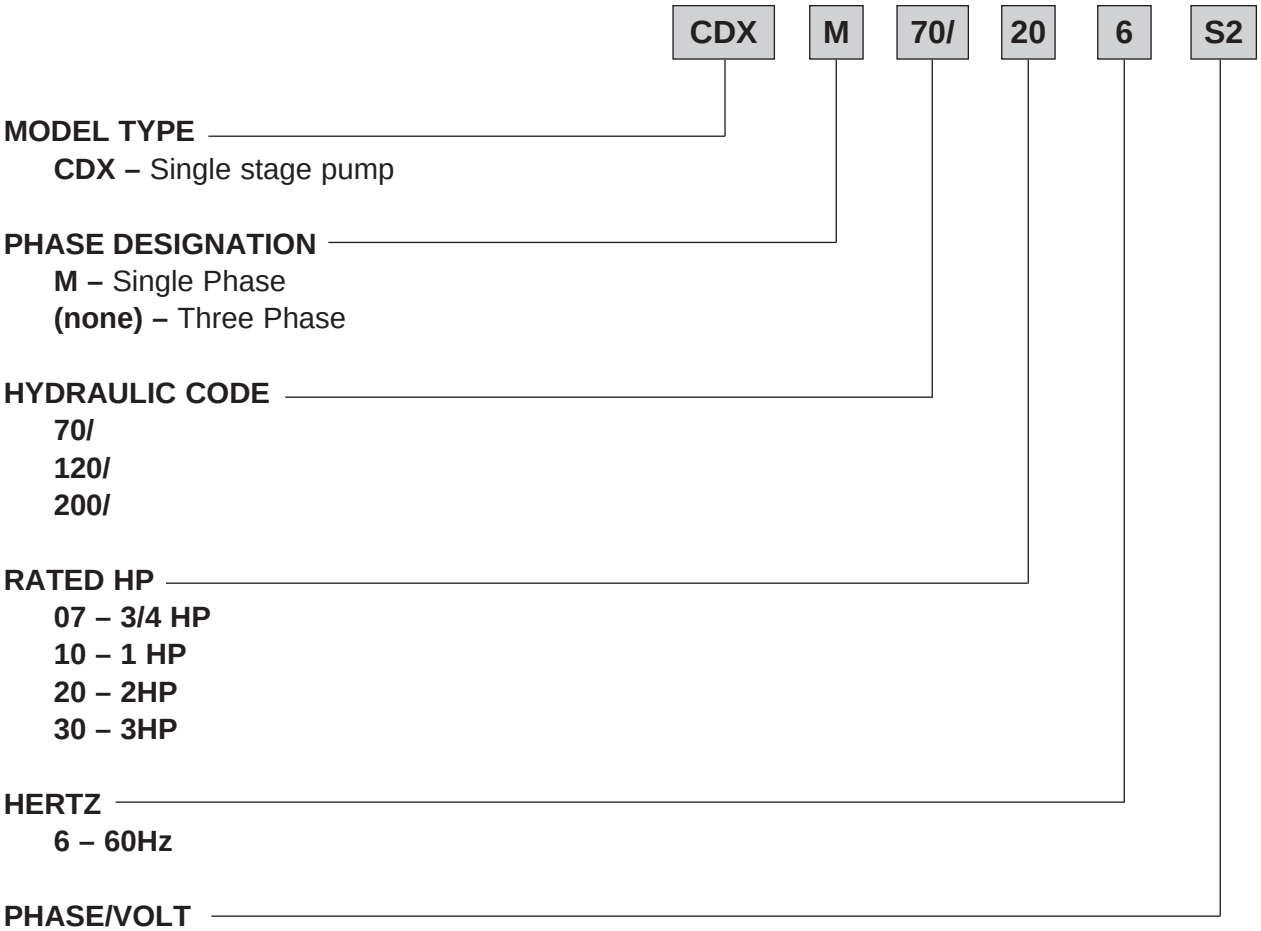
1 – single phase
3 – three phase

MECHANICAL SEAL TYPE

G – Carbon/Ceramic/Buna (Cup Seat)
H – Carbon/Ni-resist/Viton (Cup Seat)
GO – Carbon/Ceramic/Buna (O-Ring Seat)
CO – Carbon/Ceramic/Viton (O-Ring Seat)
HO – Carbon/Ni-resist/Viton (O-Ring Seat)
EPDM – Carbon/Ceramic/EPDM (Cup Seat)
SCCV – Si-Carbide/Carbon/Viton (Cup Seat)
VSC – Si-Carbide/Si-Carbide/Viton (O-Ring Seat)
ESC – Si-Carbide/Si-Carbide/EPDM (O-Ring Seat)

Model CDX/CDXM — EBARA Stainless Steel Centrifugal Pumps

Model Designation



MODEL TYPE

CDX – Single stage pump

PHASE DESIGNATION

M – Single Phase

(none) – Three Phase

HYDRAULIC CODE

70/

120/

200/

RATED HP

07 – 3/4 HP

10 – 1 HP

20 – 2HP

30 – 3HP

HERTZ

6 – 60Hz

PHASE/VOLT

S1 – single phase, 115 Volt

S2 – single phase, 230 Volt

T2 – three phase, 230/460 Volt

Specifications

	Standard	Optional
Size		
Suction	CDU70 – 1¼" NPT thread CDU120 – 1¼" NPT thread CDU200 – 1½" NPT thread	
Discharge	1" NPT thread	
Range of HP	½ HP to 3 HP	
Range of Performance		
Capacity	5.5 to 95 GPM at 3450 RPM	
Head	26 to 144 feet at 3450 RPM	
Liquid handled		
Type of liquid	Water	
Temperature	Range: 23°F (-5°C) to 212°F (100°C)	Max. 250°F (121°C) with optional high temperature seal
Max. working pressure	125 PSI (9 Bar)	
Materials		
Casing	304L Stainless Steel	
Impeller (closed type)	304L Stainless Steel	
Shaft	Stainless Steel	
Bracket	Aluminum	
Shaft Seal	Mechanical Seal – Type 21	High temperature version Mild chemical version
Bearing	Ball Bearing	
Direction of Rotation	Clockwise when viewed from motor end	
Motor		
Type	NEMA 56J Frame	
Speed	60 Hz, 3450 RPM (2 poles)	
Single Phase	TEFC – ½ HP to 3 HP ODP – ½ HP to 3 HP, 115/230V	Explosion proof – consult factory
Three Phase	TEFC – ½ HP to 3 HP ODP – ½ HP to 3 HP, 208-230/460V	Washdown duty – consult factory
Motor Protection	Built-in overload protection (single phase)	

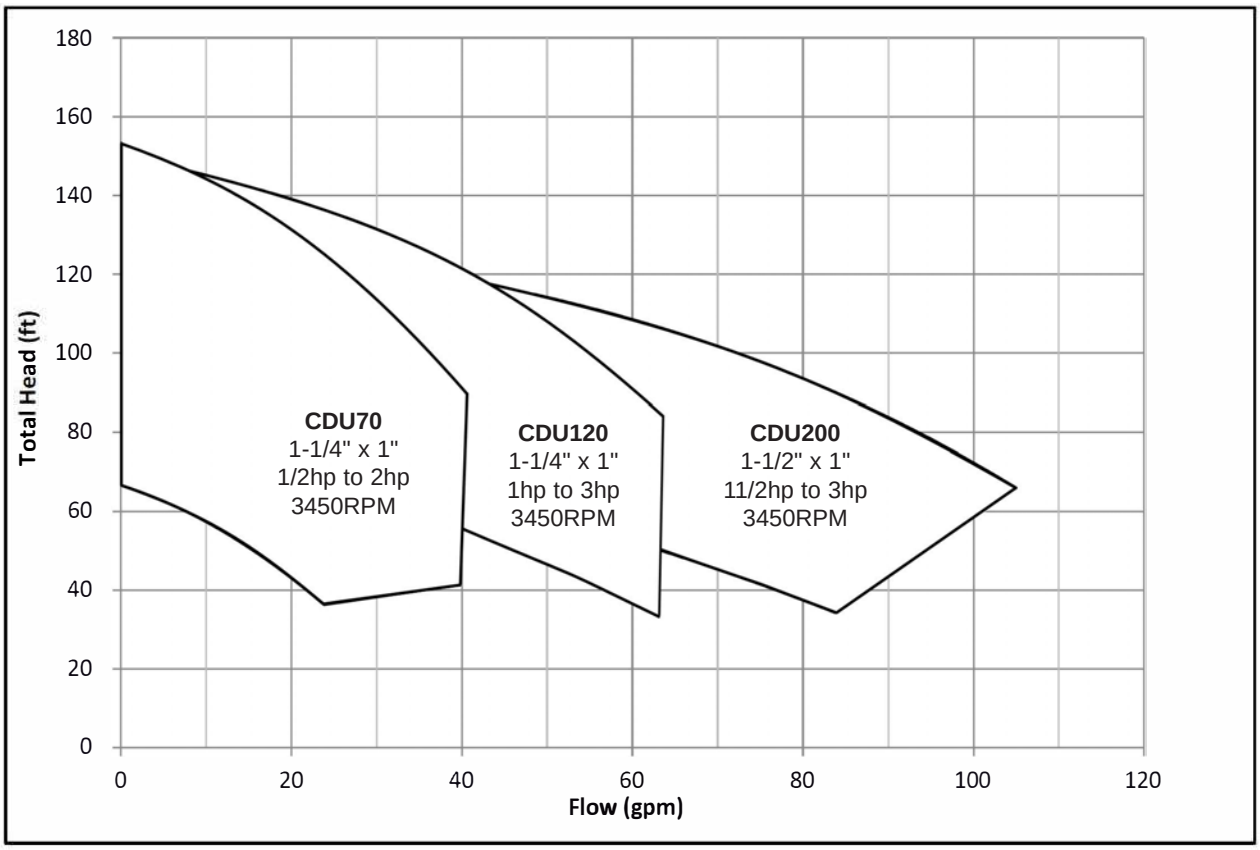
Specifications

	Standard	Optional
Size		
Suction	1¼" NPT Thread 1½" NPT Thread	
Discharge	1" NPT Thread	
Range of HP	¾ HP to 3 HP	
Range of Performance		
Capacity	5.5 to 68 GPM at 3600 RPM	
Head	40 to 130 feet at 3600 RPM	
Liquid handled		
Type of liquid	Clean water	
Temperature	Range: 23°F (-5°C) to 140°F (60°C)	
Working pressure	Maximum: 116 PSI	
Materials		
Casing	304 Stainless Steel	
Impeller (closed type)	304 Stainless Steel	
Shaft	303 Stainless Steel	
Bracket	Aluminum	
Shaft Seal	Mechanical Seal Carbon/Ceramic/NBR	Consult factory for additional seal options
Direction of Rotation	Clockwise when viewed from motor end	
Motor		
Type	TEFC/IP55	
Speed	60 Hz, 3600 RPM (2 poles)	
Single Phase	230V	
Three Phase	230/460V	
Motor Protection	Built-in overload protection (single phase)	
Bearing	Sealed Ball Bearing	

Model CDU — EBARA Stainless Steel Centrifugal Pumps

Selection Chart

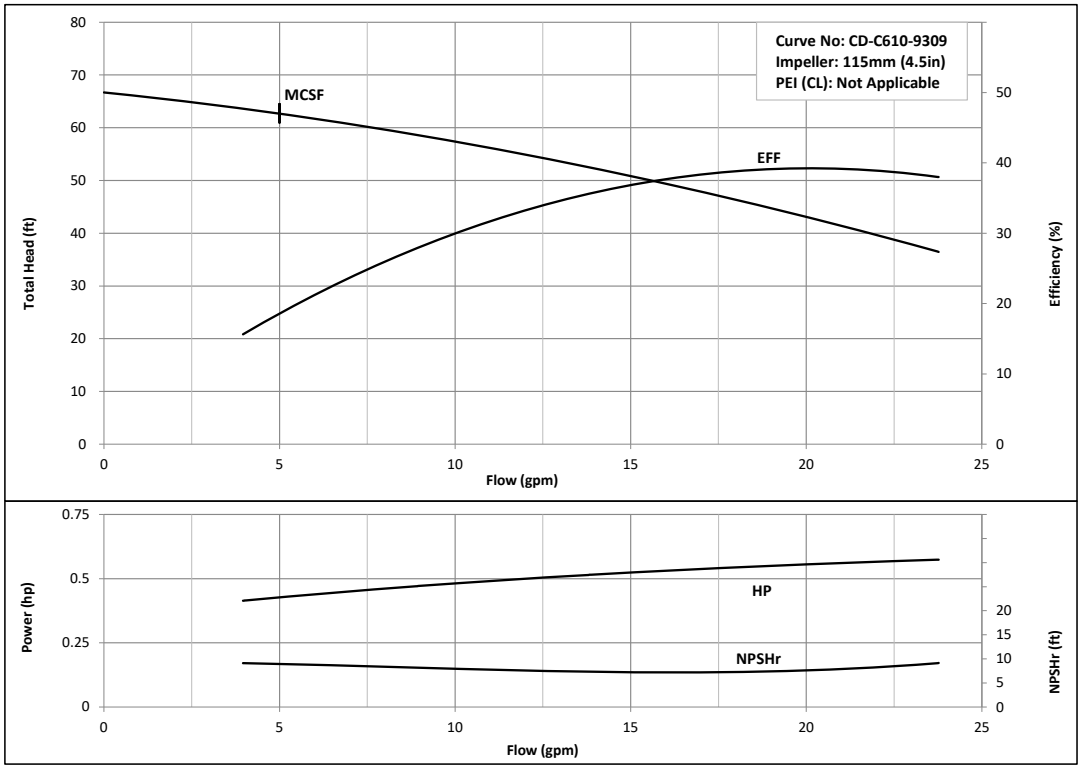
Nominal Speed 3450 RPM



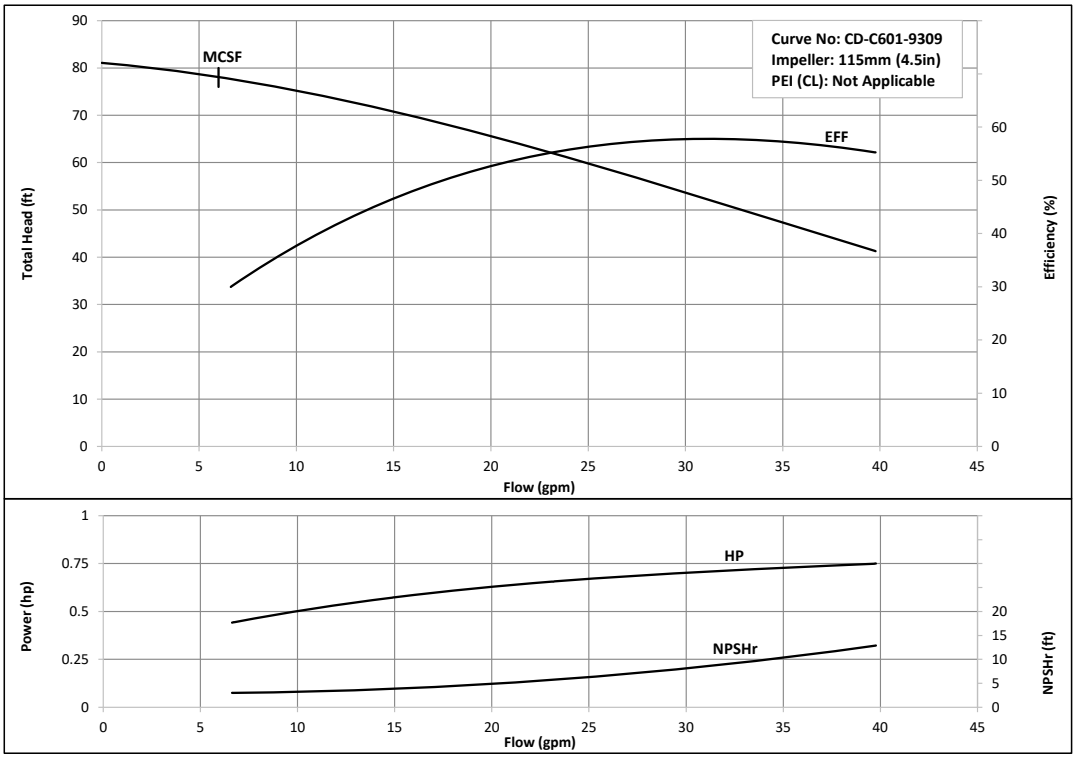
Model CDU — EBARA Stainless Steel Centrifugal Pumps

Performance Curves

CDU70/0-1/2 HP — Nominal Speed: 3450 RPM — Size: 1 x 1 1/4 x 4 1/2



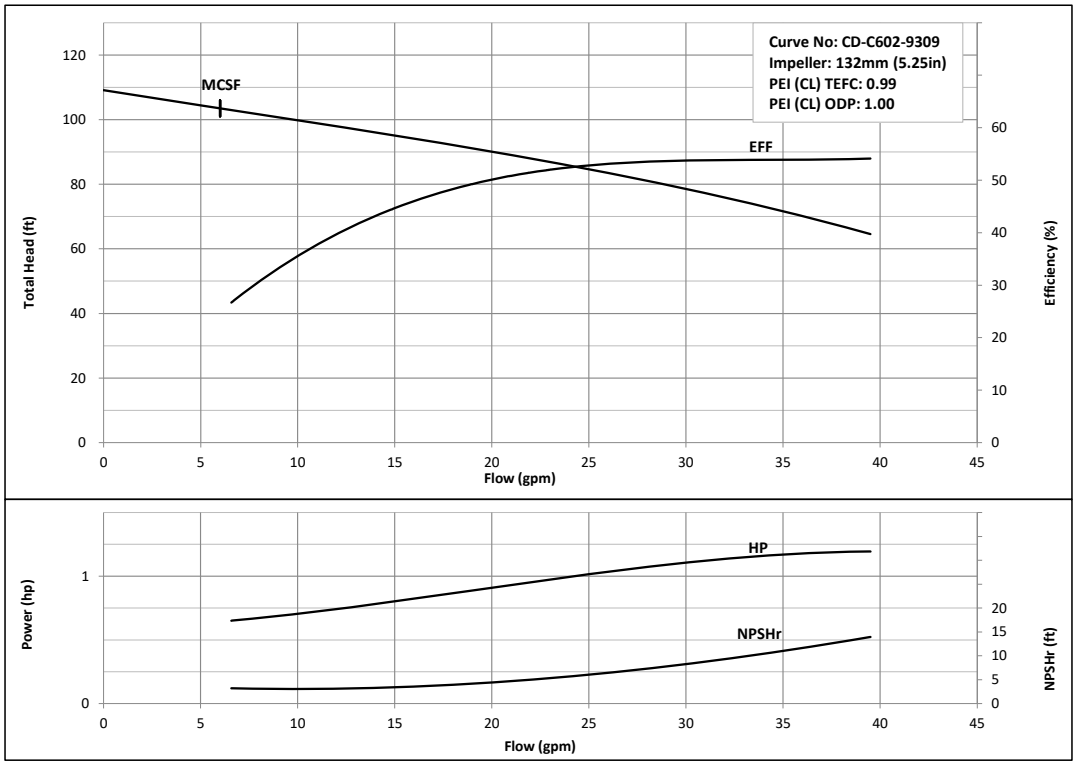
CDU70/1-3/4 HP — Nominal Speed: 3450 RPM — Size: 1 x 1 1/4 x 4 1/2



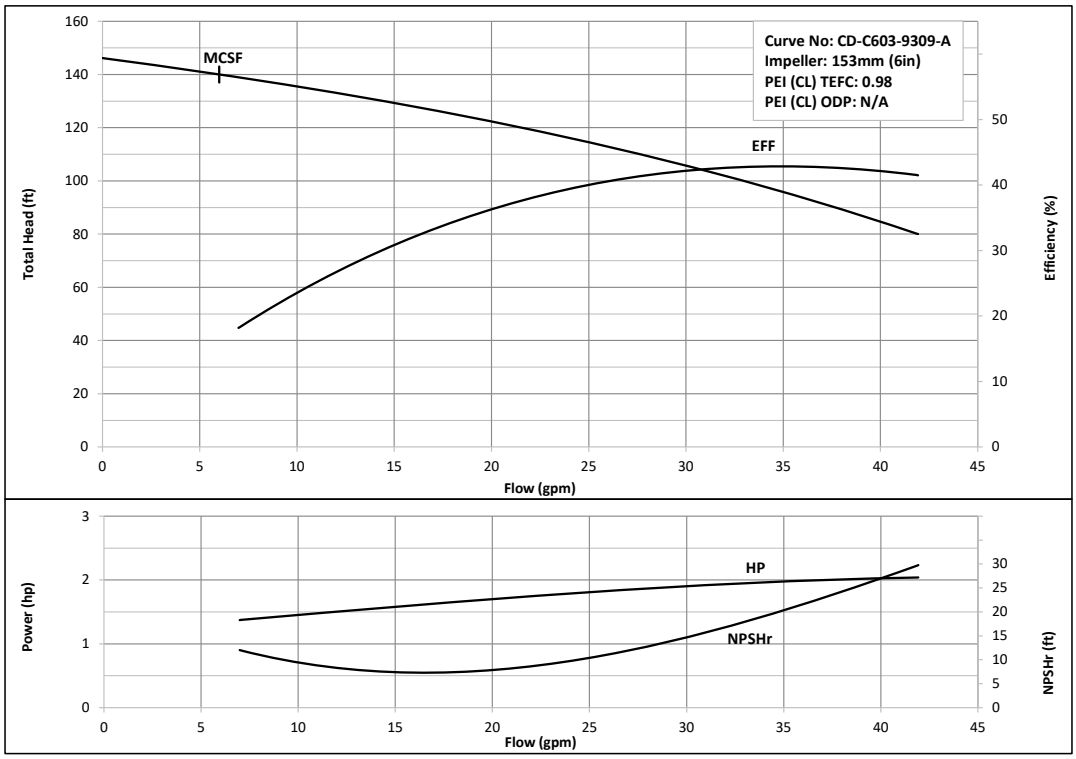
Model CDU — EBARA Stainless Steel Centrifugal Pumps

Performance Curves

CDU70/3-1 1/2 HP — Nominal Speed: 3450 RPM — Size: 1 x 1 1/4 x 5 3/16



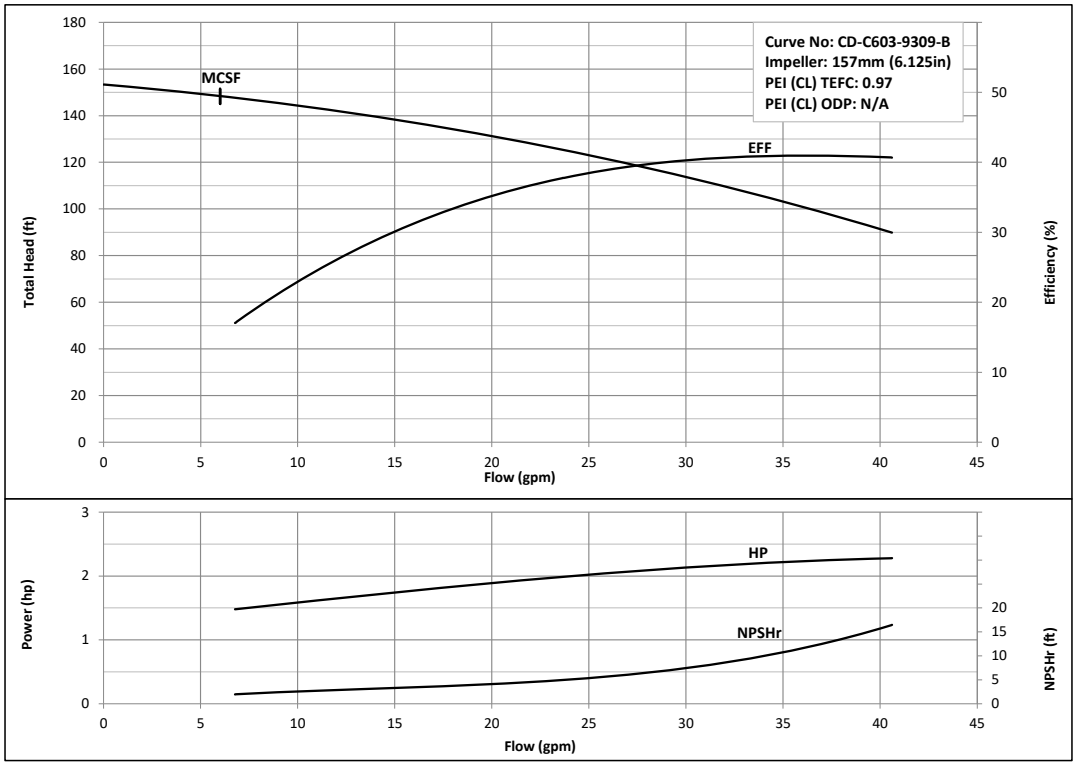
CDU70/5A- 2 HP — Nominal Speed: 3450 RPM — Size: 1 x 1 1/4 x 6



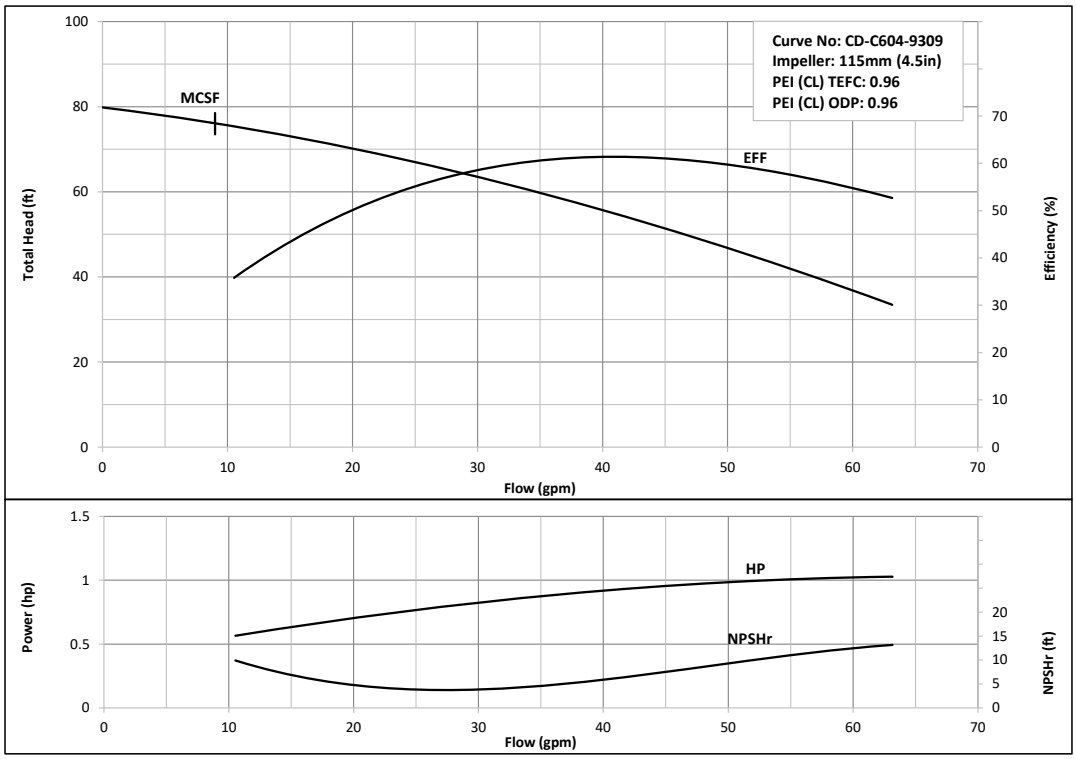
Model CDU — EBARA Stainless Steel Centrifugal Pumps

Performance Curves

CDU70/5B-2HP — Nominal Speed: 3450 RPM — Size: 1 x 1 1/4 x 6 3/16



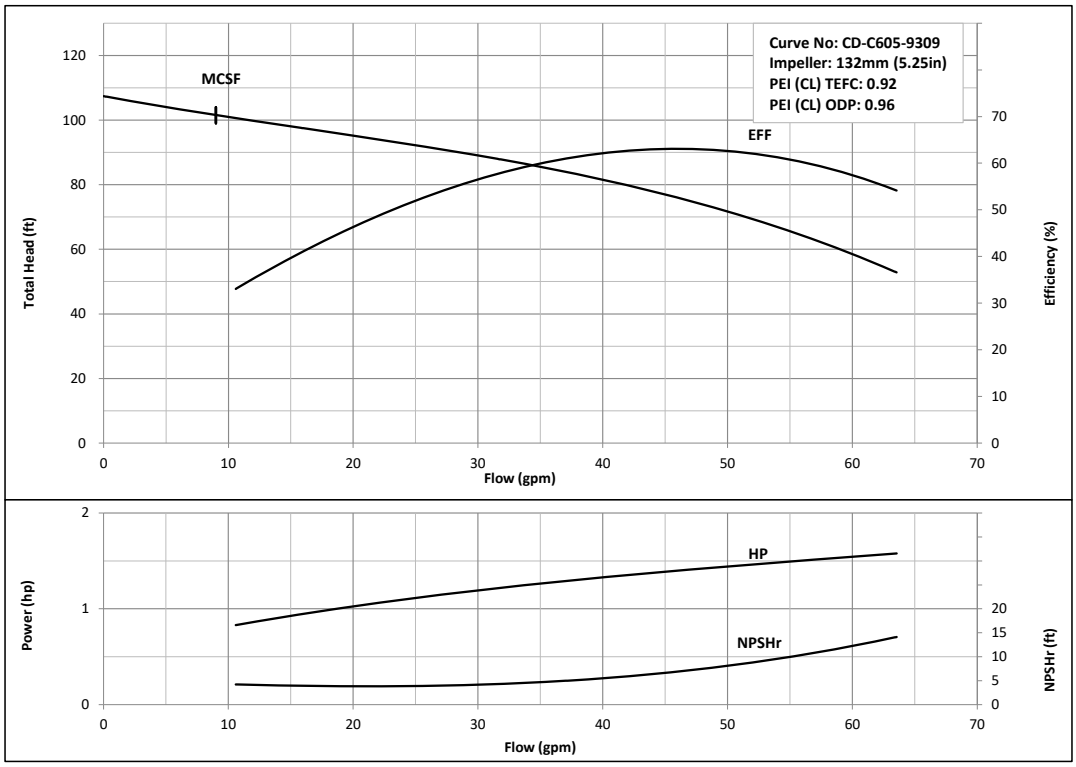
CDU120/1 1 HP — Nominal Speed: 3450 RPM — Size: 1 x 1 1/4 x 4 1/2



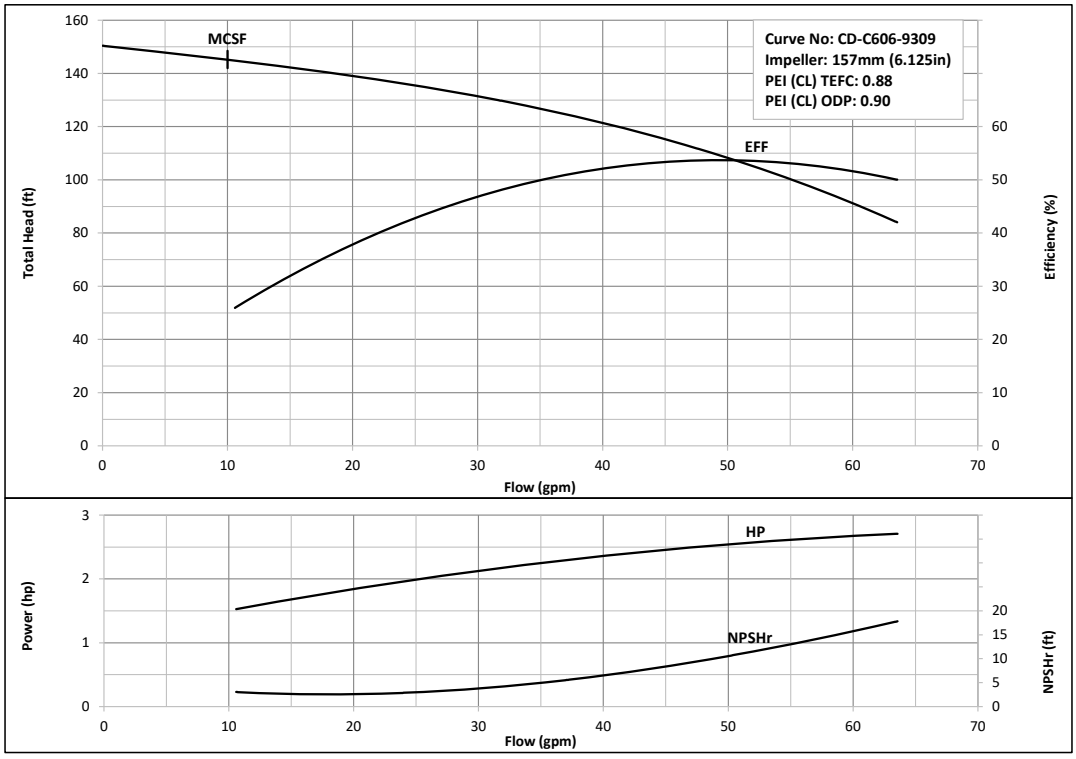
Model CDU — EBARA Stainless Steel Centrifugal Pumps

Performance Curves

CDU120/3-1 1/2 HP — Nominal Speed: 3450 RPM — Size: 1 x 1 1/4 x 5 3/16



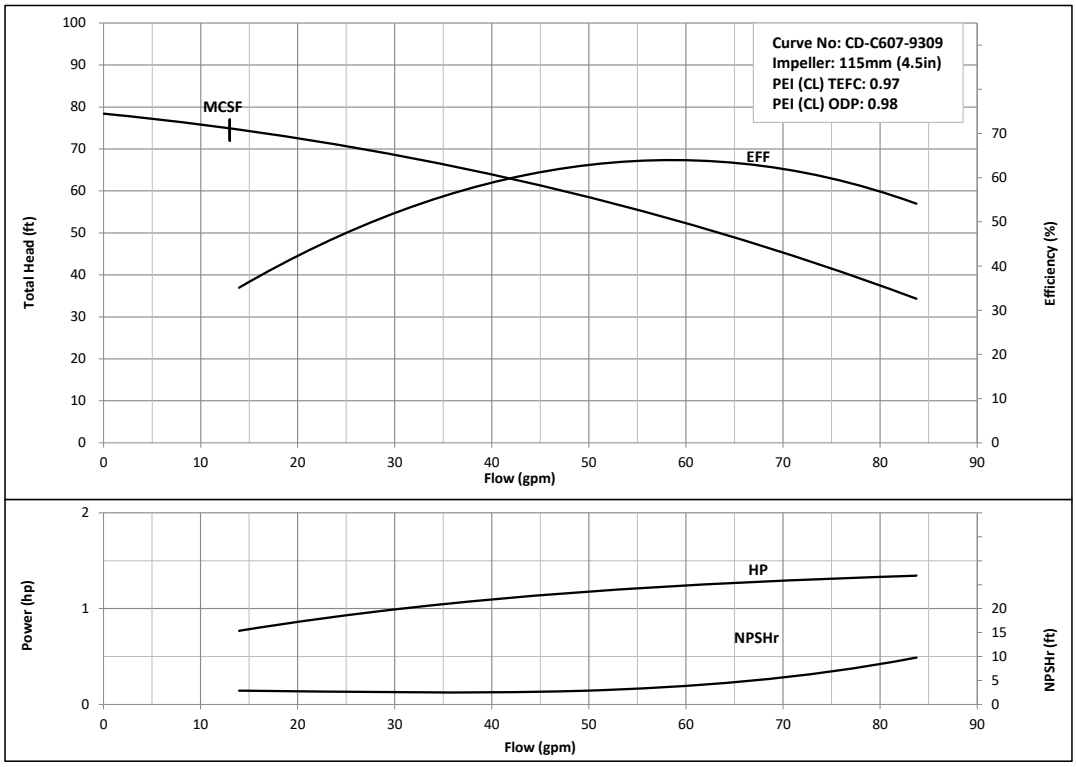
CDU120/5- 3 HP — Nominal Speed: 3450 RPM — Size: 1 x 1 1/4 x 6 3/16



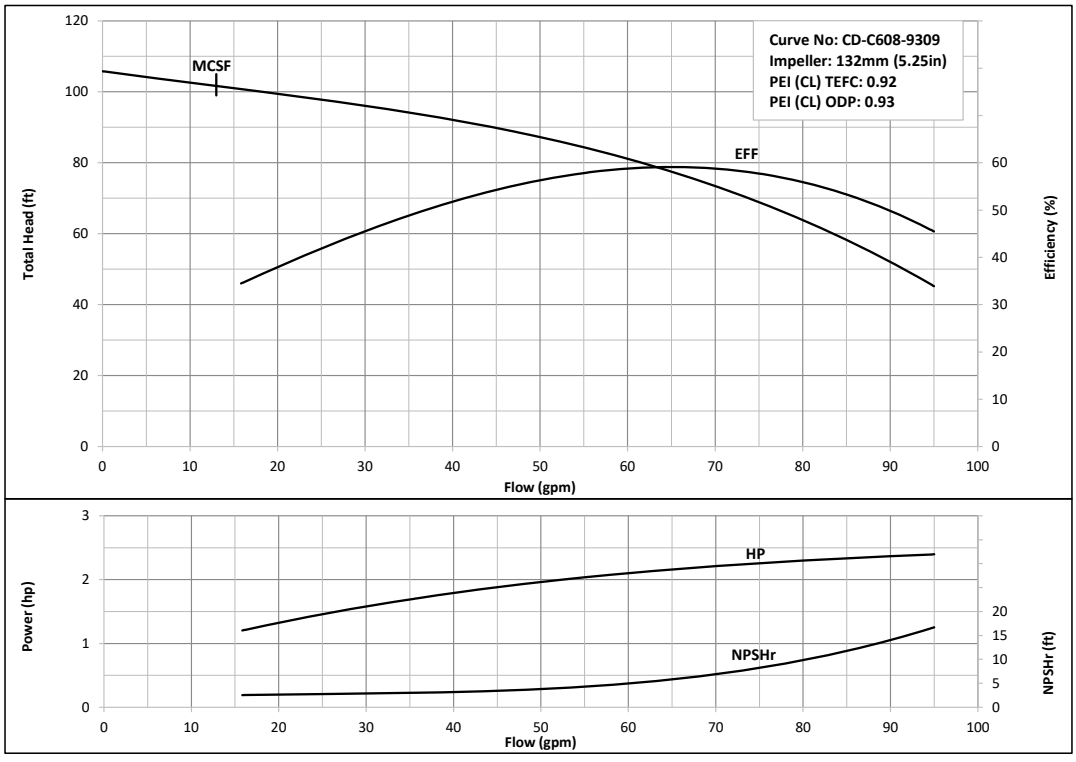
Model CDU — EBARA Stainless Steel Centrifugal Pumps

Performance Curves

CDU200/1-1 1/2 HP — Nominal Speed: 3450 RPM — Size: 1 x 1 1/2 x 4 1/2



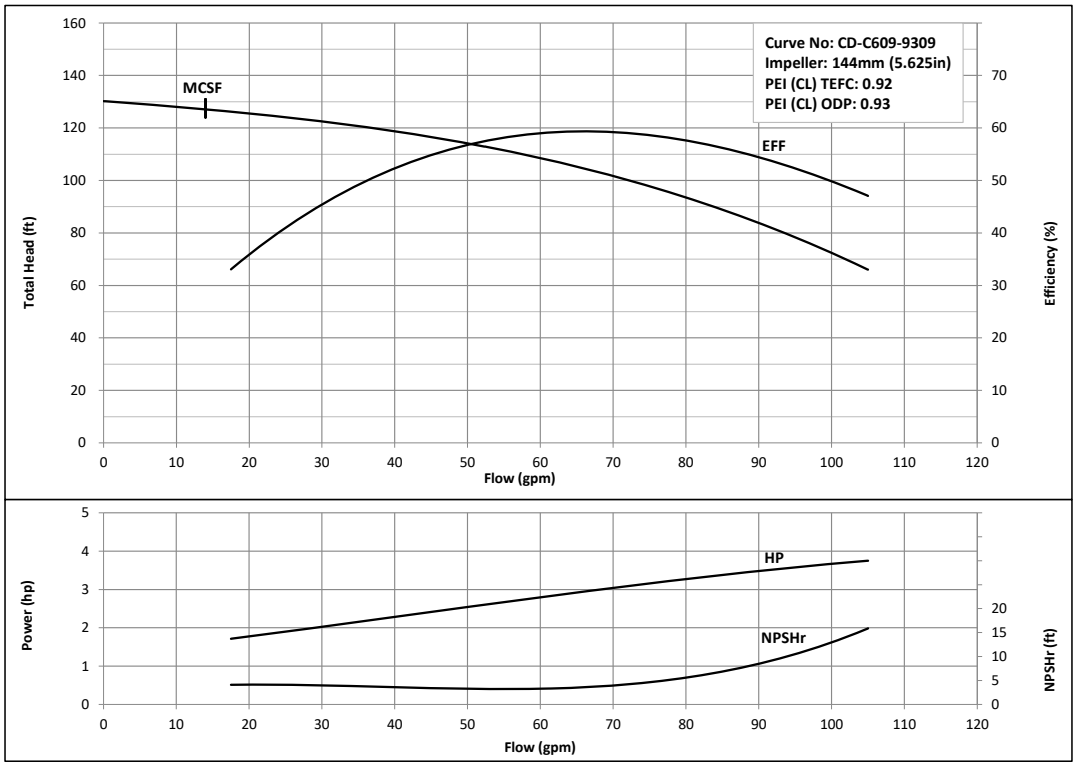
CDU200/3-3 HP — Nominal Speed: 3450 RPM — Size: 1 x 1 1/2 x 5 3/16



Model CDU — EBARA Stainless Steel Centrifugal Pumps

Performance Curves

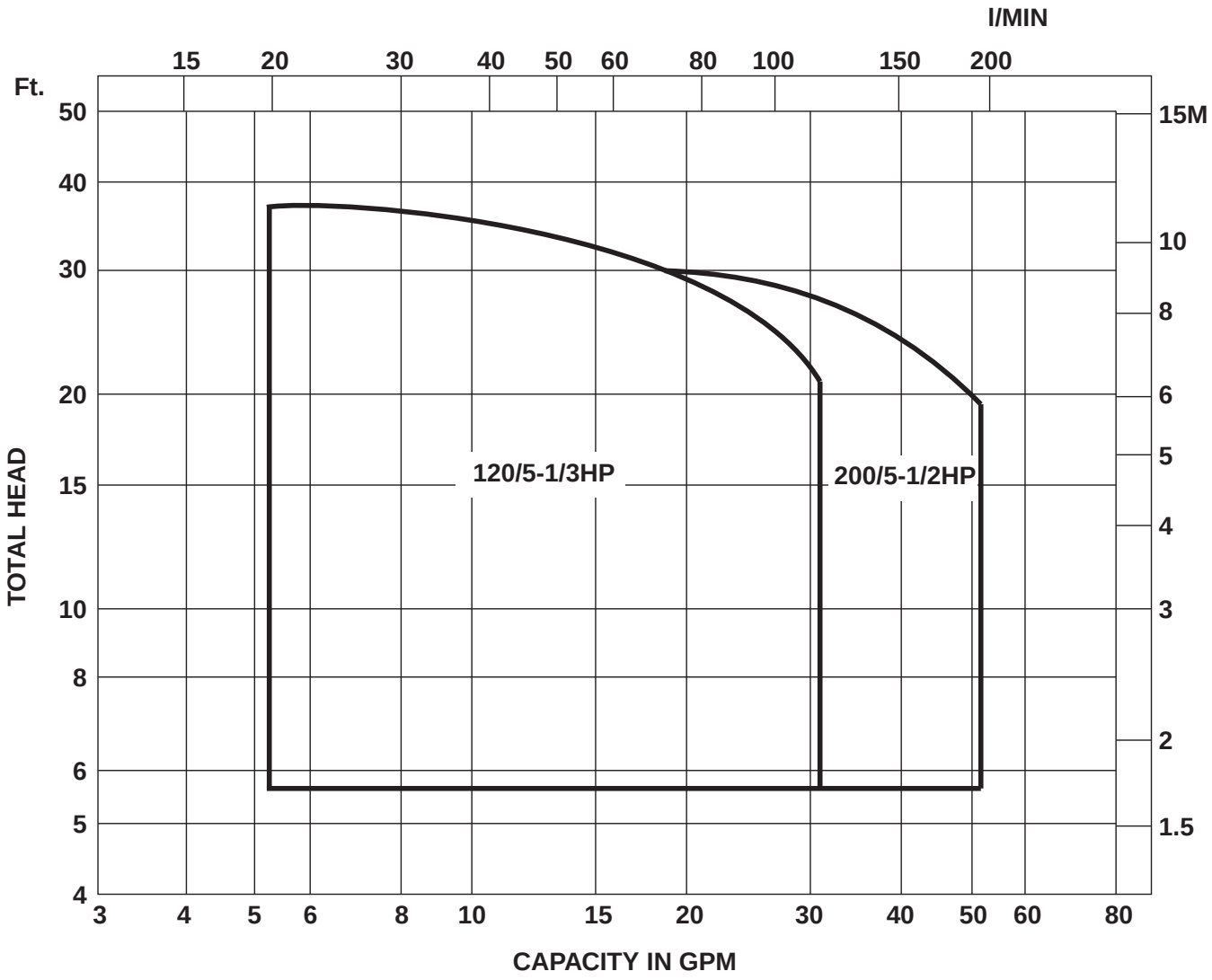
CDU200/5-3HP — Nominal Speed: 3450 RPM — Size: 1 x $1^{1}/_{2}$ x $5^{11}/_{16}$



Model CDU — EBARA Stainless Steel Centrifugal Pumps

Selection chart

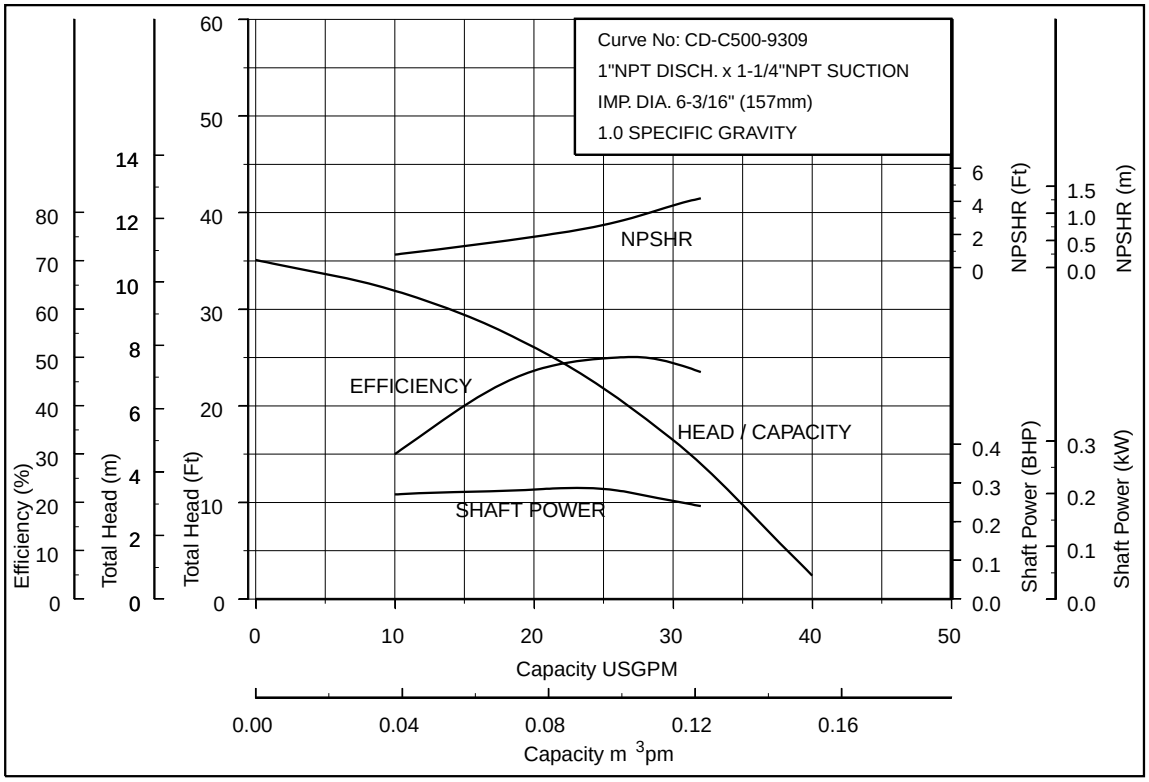
Nominal Speed 1725 RPM



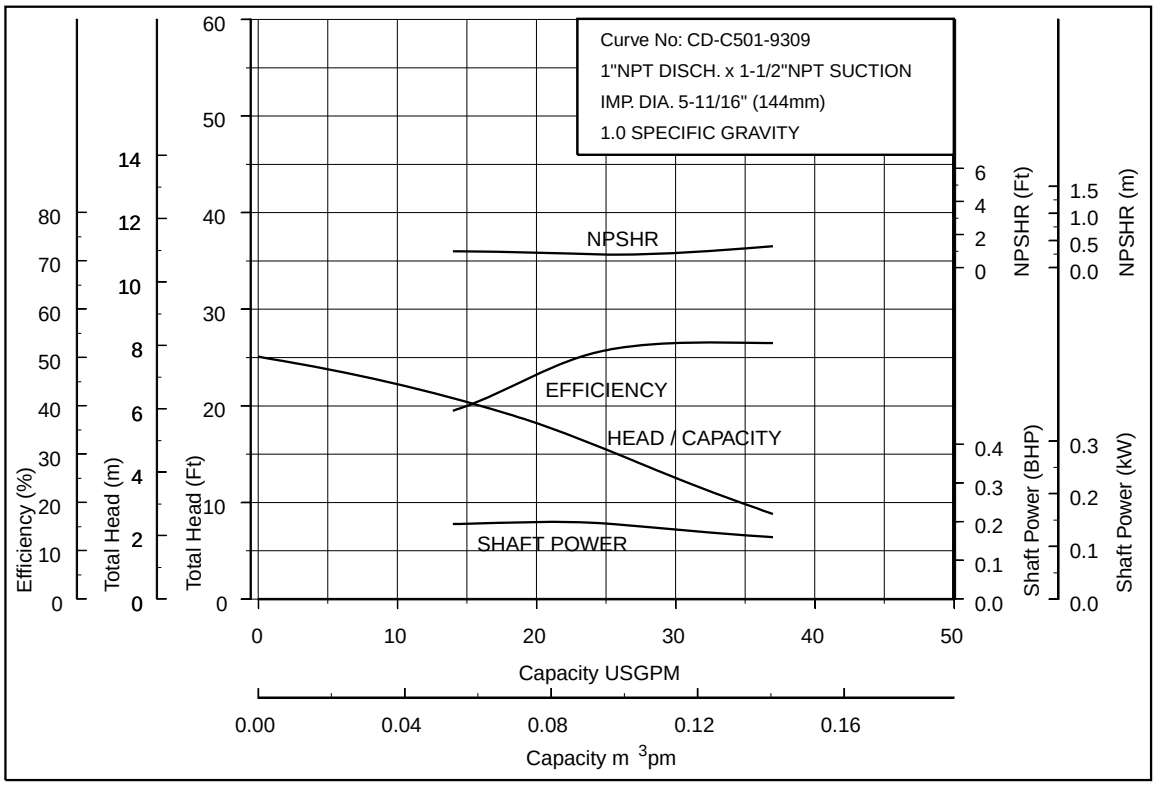
Model CDU — EBARA Stainless Steel Centrifugal Pumps

Performance Curves

CDU4 120/5-1/3 HP **Nominal Speed: 1725 RPM** **Size: 1 x 1 1/4 x 6 3/16**

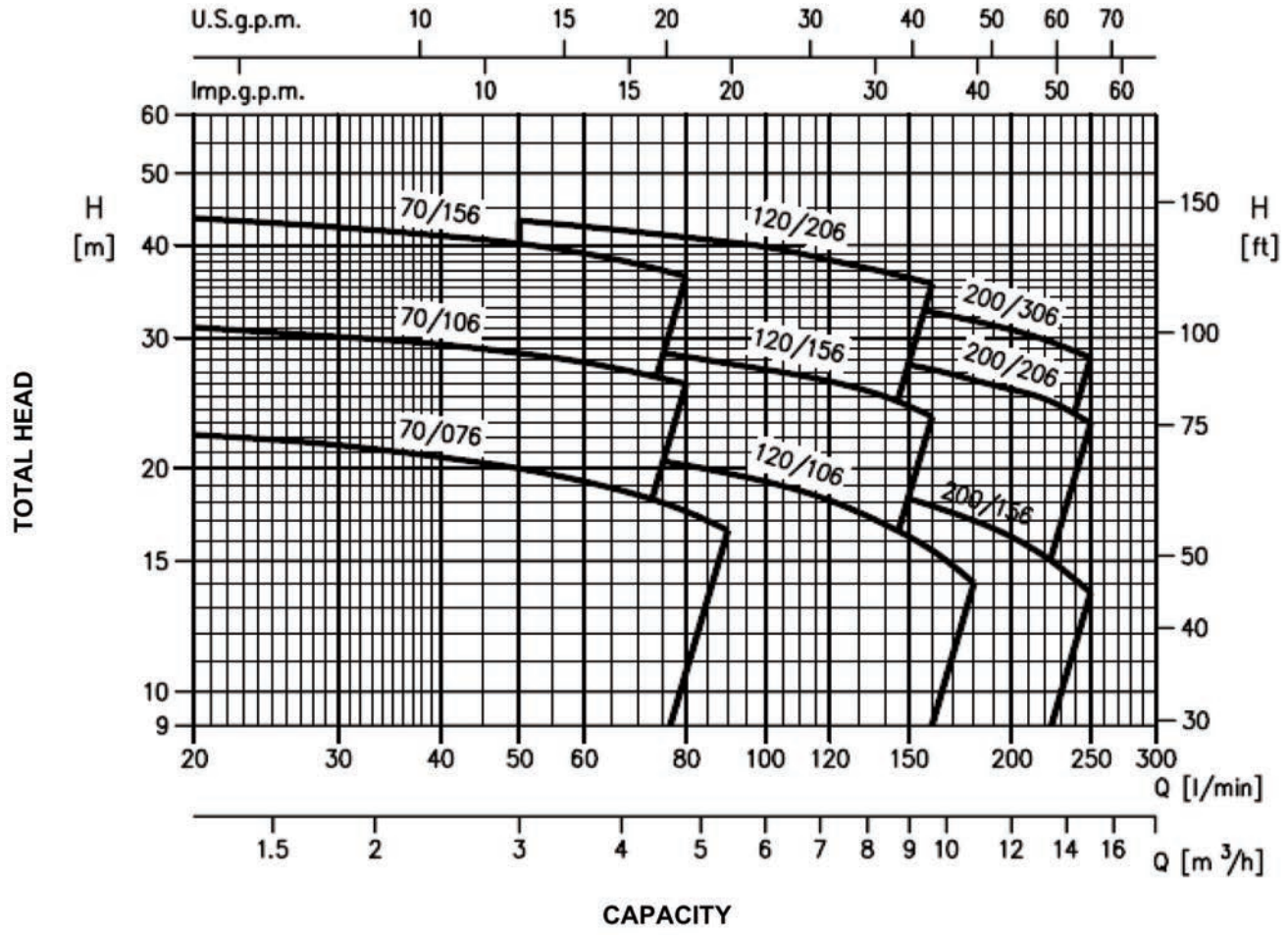


CDU4 200/5-1/2 HP **Nominal Speed: 1725 RPM** **Size: 1 x 1 1/2 x 5 11/16**



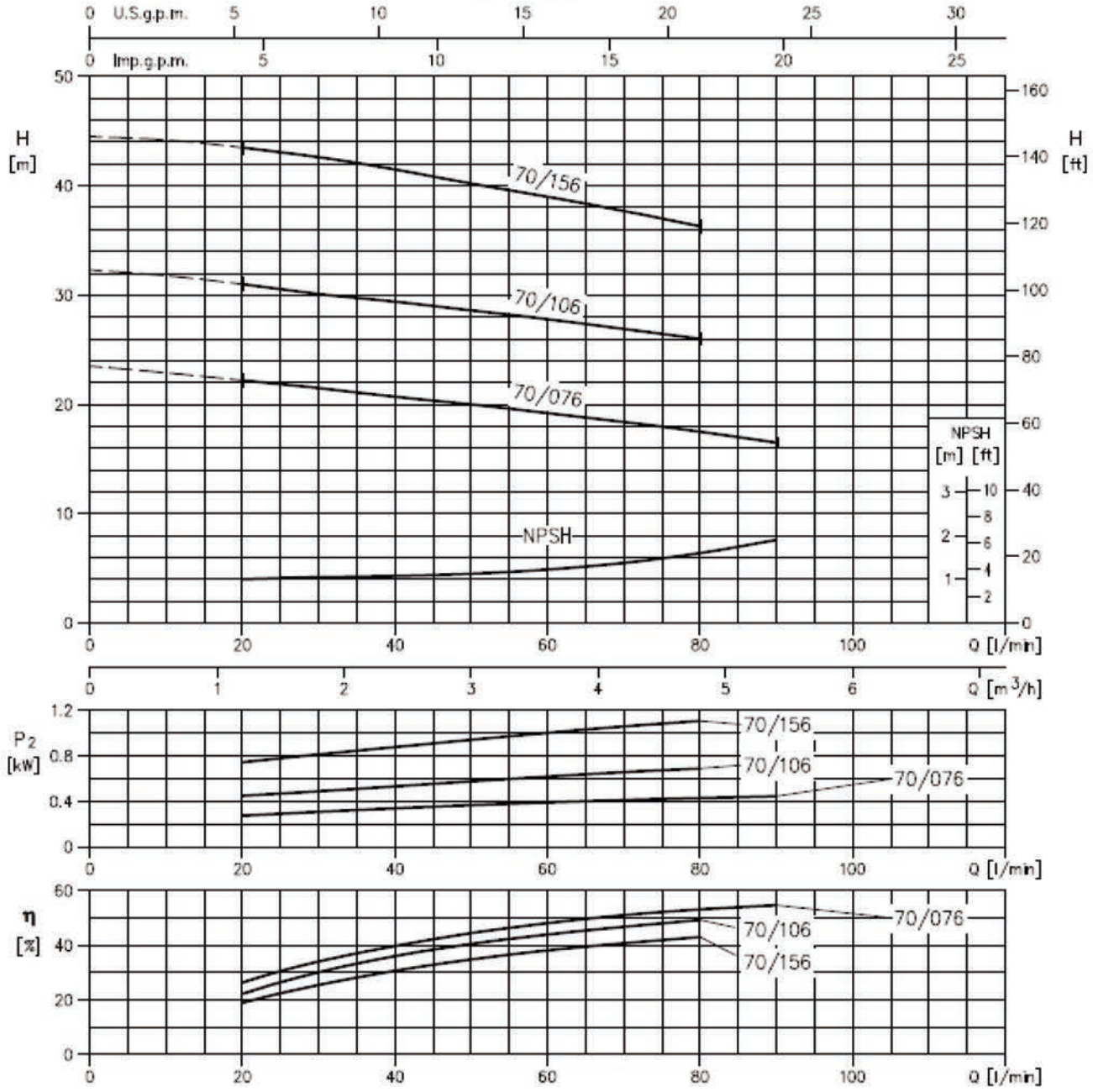
Model CDX — EBARA Stainless Steel Centrifugal Pumps

Selection Chart



Performance Curves

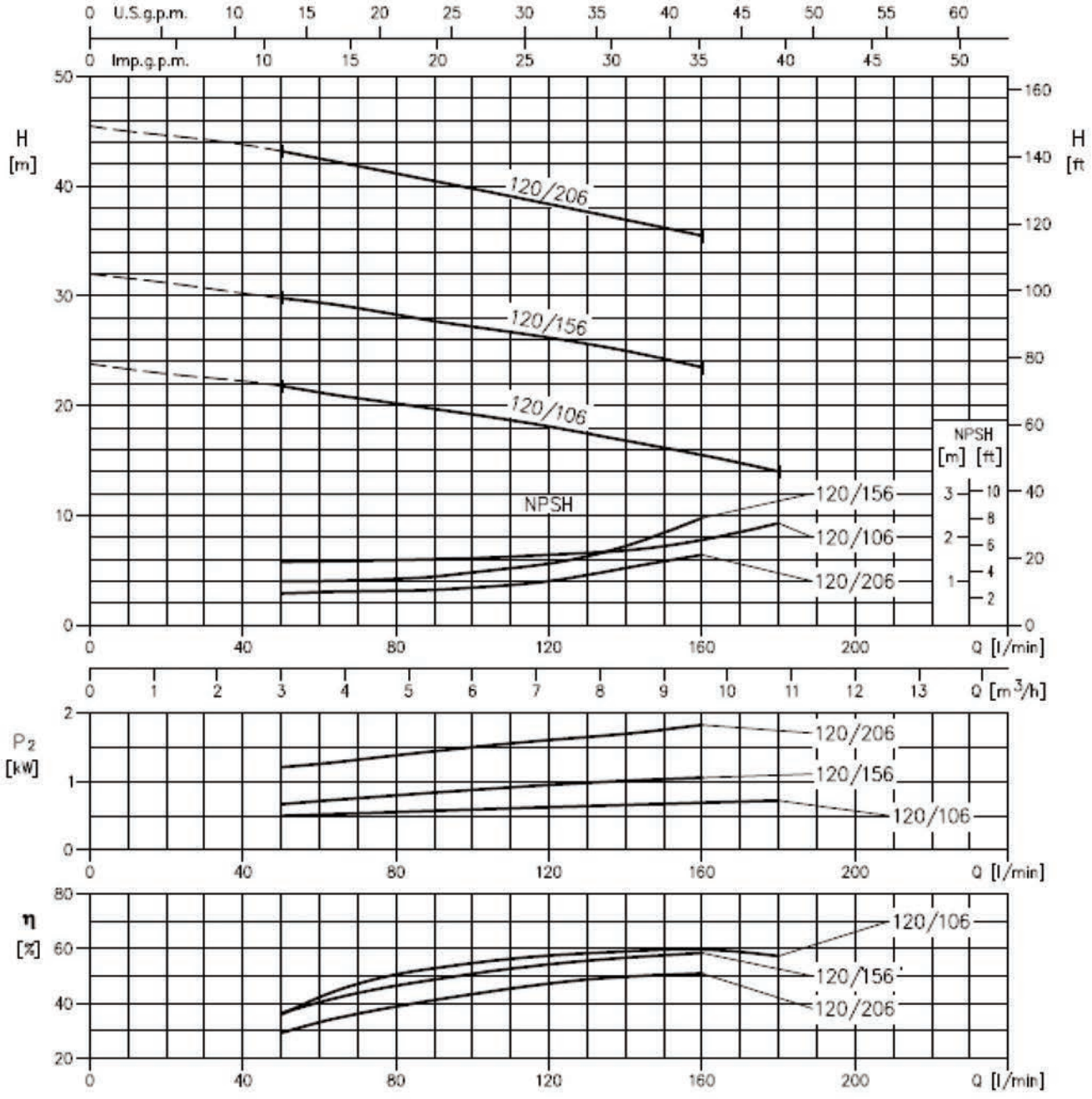
CDX 70/076 (0.55 kW) - Impeller diameter = 115 mm
CDX 70/106 (0.75 kW) - Impeller diameter = 132 mm
CDX 70/156 (1.1 kW) - Impeller diameter = 157 mm



Rotation speed ≈ 3450 min^{-1}
Test standard: ISO 9906 – Annex A

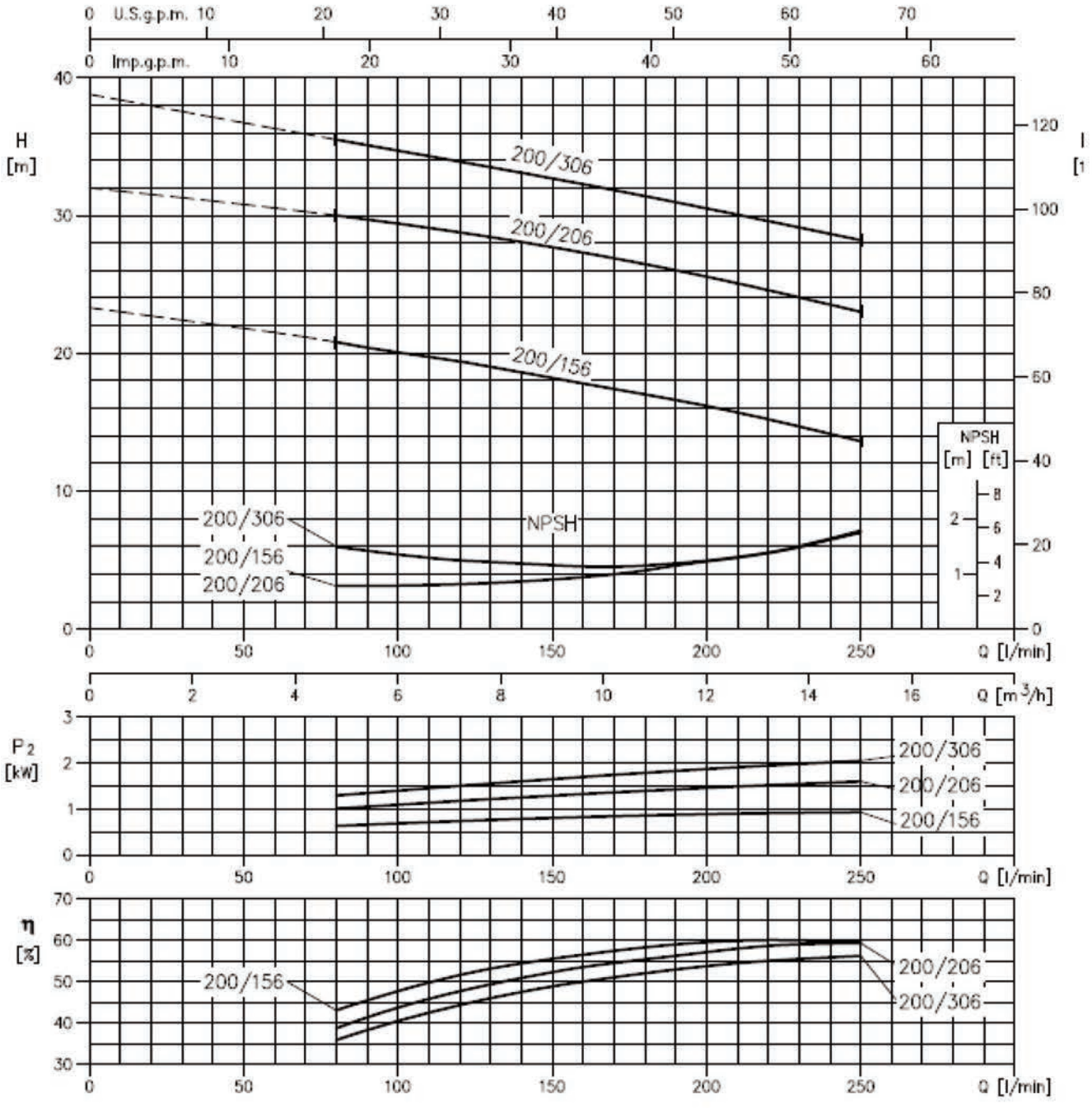
Performance Curves

CDX 120/106 (0.75 kW) - Impeller diameter = 115 mm
CDX 120/156 (1.1 kW) - Impeller diameter = 132 mm
CDX 120/206 (1.5 kW) - Impeller diameter = 157 mm



Rotation speed ≈ 3450 min^{-1}
Test standard: ISO 9906 – Annex A

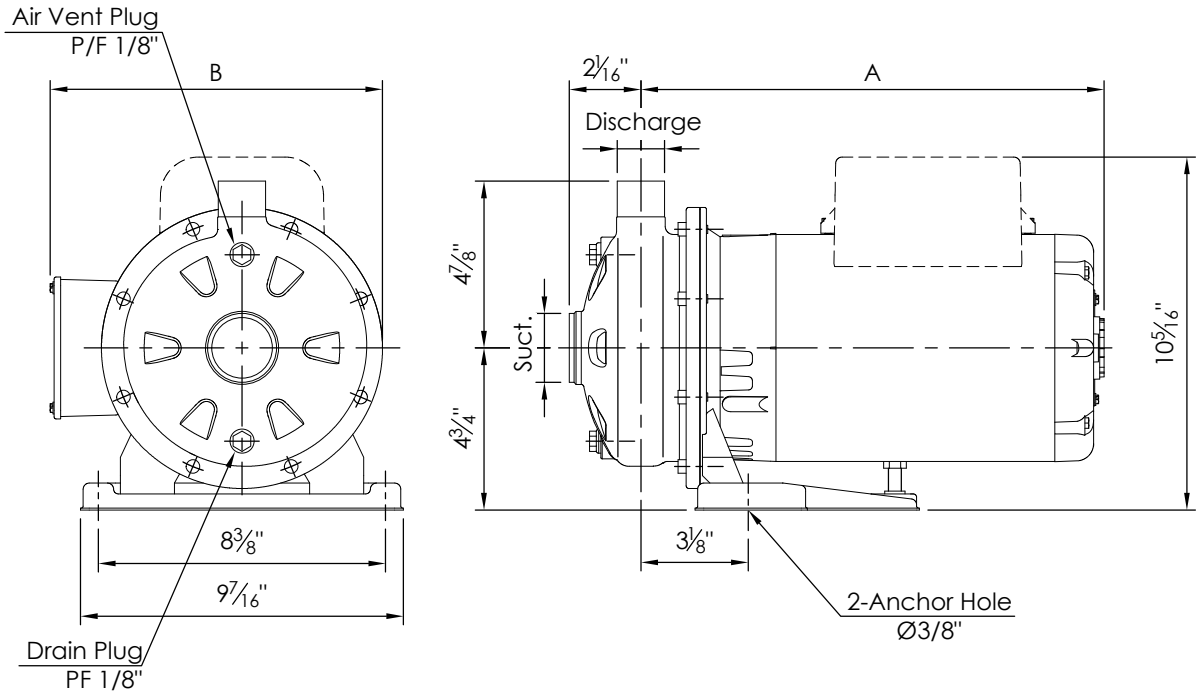
CDX 200/156 (1.1 kW) - Impeller diameter = 115 mm
CDX 200/206 (1.5 kW) - Impeller diameter = 132 mm
CDX 200/306 (2.2 kW) - Impeller diameter = 144 mm



Rotation speed ≈ 3450 min^{-1}
Test standard: ISO 9906 – Annex A

Model CDU — EBARA Stainless Steel Centrifugal Pumps

Pump Dimensions



Model CDU, 2-Pole Motor

Model	Size	Pump Size – NPT (Inch)		Dimension (Inch)		Unit Weight (lbs.)			
						Single Phase		Three Phase	
		Suction	Discharge	A	B	ODP	TEFC	ODP	TEFC
CDU70/0-1/2HP	1 x 1 1/4 x 4 1/2	1 1/4	1	14 11/16	9 1/8	36	41	31	31
CDU70/1-3/4HP	1 x 1 1/4 x 4 1/2	1 1/4	1	15 3/16	9 1/8	36	41	31	31
CDU70/3-1 1/2HP	1 x 1 1/4 x 5 3/16	1 1/4	1	16 3/16	9 1/8	47	50	39	39
CDU70/5A-2HP	1 x 1 1/4 x 6 3/16	1 1/4	1	16 5/8	9 1/8	51	58	44	48
CDU70/5B-2HP	1 x 1 1/4 x 6 3/16	1 1/4	1	16 5/8	9 1/8	51	58	44	48
CDU120/1-1HP	1 x 1 1/4 x 4 1/2	1 1/4	1	15 11/16	9 1/8	41	46	33	32
CDU120/3-1 1/2HP	1 x 1 1/4 x 5 3/16	1 1/4	1	16 3/16	9 1/8	47	50	39	39
CDU120/5-3HP	1 x 1 1/4 x 6 3/16	1 1/4	1	17 3/8	9 1/8	59	66	51	60
CDU200/1-1 1/2HP	1 x 1 1/2 x 4 1/2	1 1/2	1	16 3/16	9 1/8	47	50	39	39
CDU200/3-3HP	1 x 1 1/2 x 5 3/16	1 1/2	1	17 3/8	9 1/8	58	65	50	59
CDU200/5-3HP	1 x 1 1/2 x 5 11/16	1 1/2	1	17 3/8	9 1/8	58	65	50	59

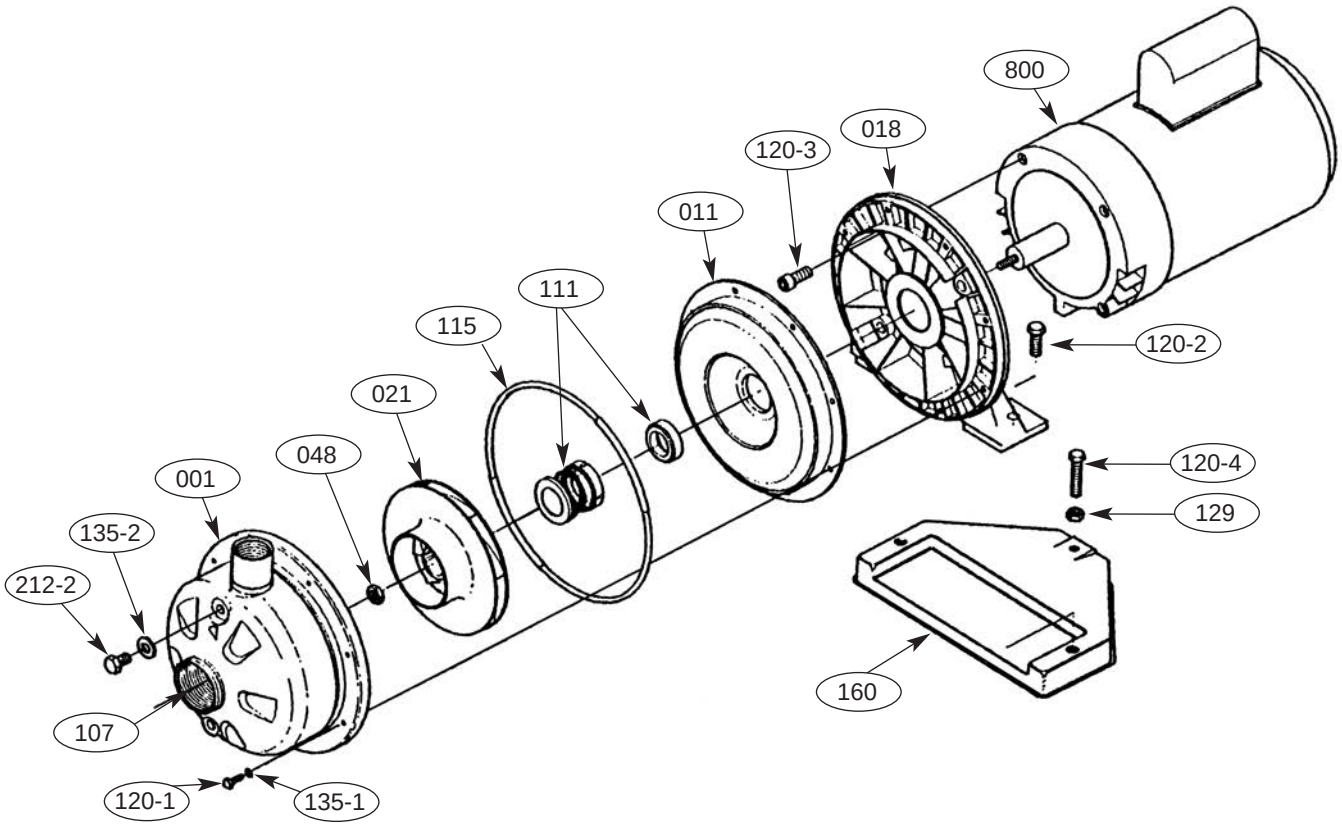
Model CDU, 4-Pole Motor

Model	Size	Pump Size – NPT (Inch)		Dimension (Inch)		Unit Weight (lbs.)			
						Single Phase		Three Phase	
		Suction	Discharge	A	B	ODP	TEFC	ODP	TEFC
CDU4120/5-1/3HP	1 x 1 1/4 x 6 3/16	1 1/4	1	13 11/16	9 5/16	32	31	31	30
CDU4200/5-1/2HP	1 x 1 1/2 x 5 11/16	1 1/2	1	14 11/16	9 5/16	35	31	31	31

Model CDU

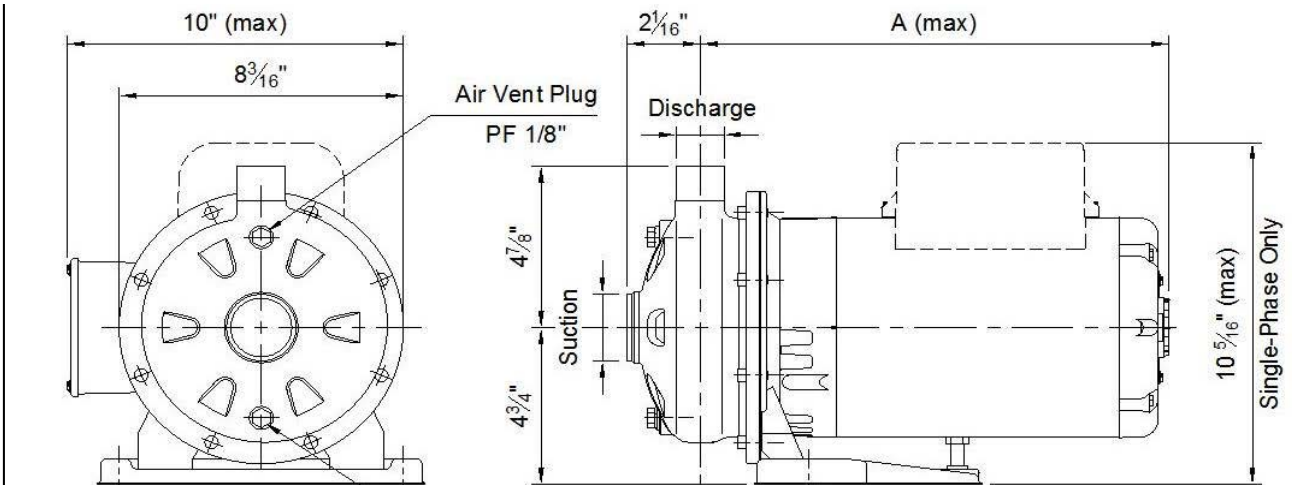
EBARA Stainless Steel Centrifugal Pumps

Sectional View



Part No.	Part Name	Material	No. for 1 Unit
001	Casing	304L Stainless	1
011	Casing cover	304L Stainless	1
018	Bracket	Aluminum	1
021	Impeller	304L Stainless	1
048	Impeller nut	304L Stainless	1
107	Casing ring	Viton	1
111	Mechanical seal	—	1
115	O-Ring	Viton	1
120-1	Bolt	304L Stainless	8
120-2	Bolt	304L Stainless	2
120-3	Bolt	304L Stainless	4
120-4	Bolt	304L Stainless	1
129	Nut	304L Stainless	1
135-1	Washer	304L Stainless	8
135-2	Washer	304L Stainless	2
160	Base	Steel	1
212-2	Plug	304L Stainless	2
800	Motor	—	1

Pump Dimensions



Dimensions: inch

Phase	Model	HP	A	B	C	H	H1	H2	H3 [3~]	M	M1	N	N1	R	V [3~]
Three	CDX 70/076	0.75	8 3/16	12 5/8	7 1/8	9 1/16	4 3/16	4 7/8	8 1/8	1 15/16	1 1/2	4 3/4	6 5/16	4 1/4	M16x1.5
	CDX 70/106	1	8 3/16	12 5/8	7 1/8	9 1/16	4 3/16	4 7/8	8 1/8	1 15/16	1 1/2	4 3/4	6 5/16	4 1/4	M16x1.5
	CDX 70/156	1.5	8 3/16	13 1/16	7 1/8	9 1/16	4 3/16	4 7/8	8 1/8	1 15/16	1 1/2	4 3/4	6 5/16	4 1/4	M16x1.5
	CDX 120/106	1	8 3/16	12 5/8	7 1/8	9 1/16	4 3/16	4 7/8	8 1/8	1 15/16	1 1/2	4 3/4	6 5/16	4 1/4	M16x1.5
	CDX 120/156	1.5	8 3/16	13 1/16	7 1/8	9 1/16	4 3/16	4 7/8	8 1/8	1 15/16	1 1/2	4 3/4	6 5/16	4 1/4	M16x1.5
	CDX 120/206	2	8 3/16	14 1/8	7 13/16	9 1/16	4 3/16	4 7/8	8 7/8	2 3/16	1 9/16	5 1/2	7 1/16	4 1/8	M20x1.5
	CDX 200/156	1.5	8 3/16	12 5/8	7 1/8	9 1/16	4 3/16	4 7/8	8 1/8	1 15/16	1 1/2	4 3/4	6 5/16	4 1/4	M16x1.5
	CDX 200/206	2	8 3/16	14 1/8	7 13/16	9 1/16	4 3/16	4 7/8	8 7/8	2 3/16	1 9/16	5 1/2	7 1/16	4 1/8	M20x1.5
	CDX 200/306	3	9 1/8	14 1/8	7 13/16	9 13/16	4 5/8	5 3/16	9 5/16	2 3/16	1 9/16	5 1/2	7 1/16	4 1/8	M20x1.5

Dimensions: mm

Phase	Model	HP	A	B	C	H	H1	H2	H3 [3~]	M	M1	N	N1	R	V [3~]
Three	CDX 70/076	0.75	208	320	181	229.5	106	123.5	207	50	38	120	160	108	M16x1.5
	CDX 70/106	1	208	320	181	229.5	106	123.5	207	50	38	120	160	108	M16x1.5
	CDX 70/156	1.5	208	332	181	229.5	106	123.5	207	50	38	120	160	108	M16x1.5
	CDX 120/106	1	208	320	181	229.5	106	123.5	207	50	38	120	160	108	M16x1.5
	CDX 120/156	1.5	208	332	181	229.5	106	123.5	207	50	38	120	160	108	M16x1.5
	CDX 120/206	2	208	359	198.5	229.5	106	123.5	225	55	40	140	180	105.5	M20x1.5
	CDX 200/156	1.5	208	320	181	229.5	106	123.5	207	50	38	120	160	108	M16x1.5
	CDX 200/206	2	208	359	198.5	229.5	106	123.5	225	55	40	140	180	105.5	M20x1.5
	CDX 200/306	3	232	359	198.5	250	118	132	237	55	40	140	180	105.5	M20x1.5

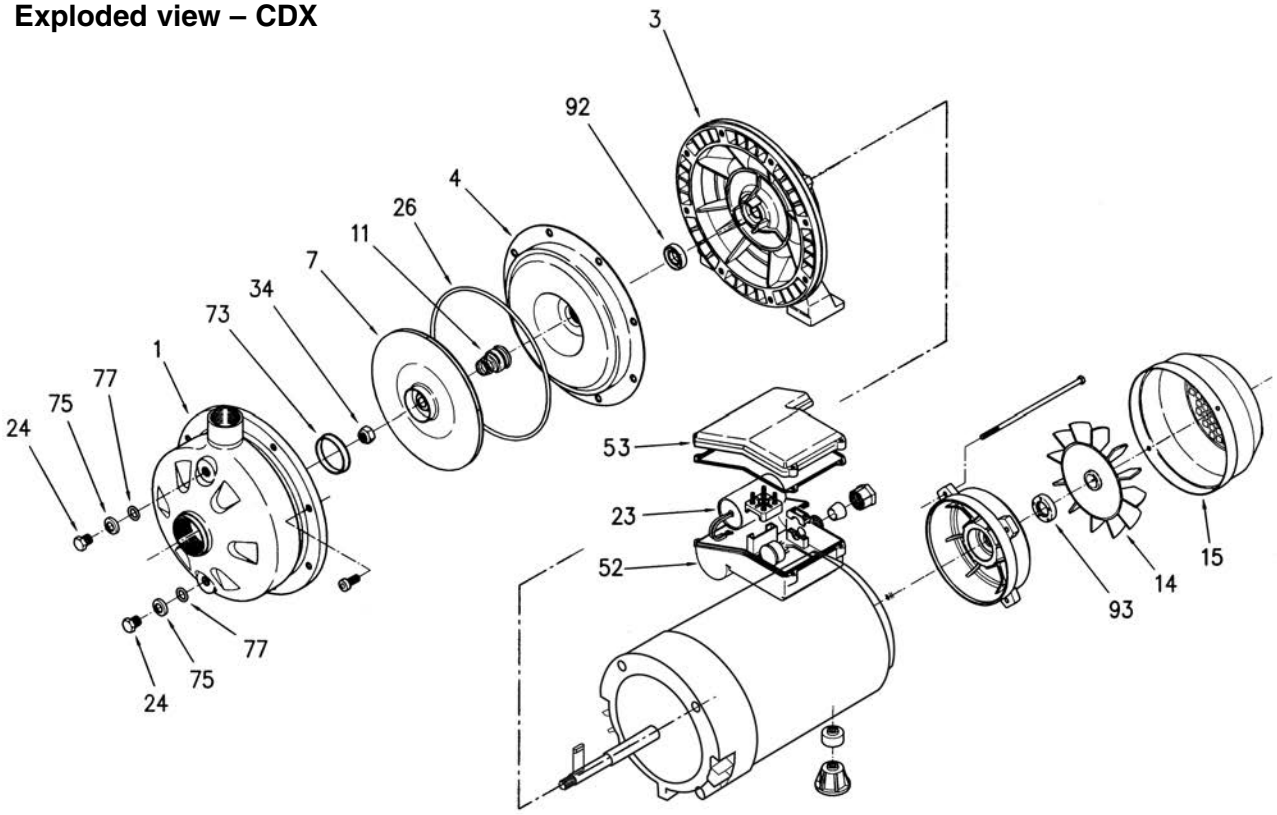
Dimensions: inch

Phase	Model	HP	A	B	C	H	H1	H2	H4 [1~]	M	M1	N	N1	R	T [1~]
Single	CDXM 70/076	0.75	8 3/16	12 5/8	7 1/8	9 1/16	4 3/16	4 7/8	8 1/2	1 15/16	1 1/2	4 3/4	6 5/16	4 1/4	PG 11
	CDXM 70/106	1	8 3/16	12 5/8	7 1/8	9 1/16	4 3/16	4 7/8	8 1/2	1 15/16	1 1/2	4 3/4	6 5/16	4 1/4	PG 11
	CDXM 70/156	1.5	8 3/16	12 5/8	7 1/8	9 1/16	4 3/16	4 7/8	8 1/2	1 15/16	1 1/2	4 3/4	6 5/16	4 1/4	PG 11
	CDXM 120/106	1	8 3/16	12 5/8	7 1/8	9 1/16	4 3/16	4 7/8	8 1/2	1 15/16	1 1/2	4 3/4	6 5/16	4 1/4	PG 11
	CDXM 120/156	1.5	8 3/16	12 5/8	7 1/8	9 1/16	4 3/16	4 7/8	8 1/2	1 15/16	1 1/2	4 3/4	6 5/16	4 1/4	PG 11
	CDXM 120/206	2	8 3/16	13 11/16	7 13/16	9 1/16	4 3/16	4 7/8	9 13/16	2 3/16	1 9/16	5 1/2	7 1/16	4 1/8	PG 13.5
	CDXM 200/156	1.5	8 3/16	12 5/8	7 1/8	9 1/16	4 3/16	4 7/8	8 1/2	1 15/16	1 1/2	4 3/4	6 5/16	4 1/4	PG 11
	CDXM 200/206	2	8 3/16	13 11/16	7 13/16	9 1/16	4 3/16	4 7/8	9 5/16	2 3/16	1 9/16	5 1/2	7 1/16	4 1/8	PG 13.5

Dimensions: mm

Phase	Model	HP	A	B	C	H	H1	H2	H4 [1~]	M	M1	N	N1	R	T [1~]
Single	CDXM 70/076	0.75	208	321	181	229.5	106	123.5	216	50	38	120	160	108	PG 11
	CDXM 70/106	1	208	321	181	229.5	106	123.5	216	50	38	120	160	108	PG 11
	CDXM 70/156	1.5	208	321	181	229.5	106	123.5	216	50	38	120	160	108	PG 11
	CDXM 120/106	1	208	321	181	229.5	106	123.5	216	50	38	120	160	108	PG 11
	CDXM 120/156	1.5	208	321	181	229.5	106	123.5	216	50	38	120	160	108	PG 11
	CDXM 120/206	2	208	347	198.5	229.5	106	123.5	249	55	40	140	180	105.5	PG 13.5
	CDXM 200/156	1.5	208	321	181	229.5	106	123.5	216	50	38	120	160	108	PG 11
	CDXM 200/206	2	208	347	198.5	229.5	106	123.5	237	55	40	140	180	105.5	PG 13.5

Exploded view – CDX



Location No.	Part Name	Material	No. for 1 Unit
001	Casing	304 Stainless	1
003	Motor bracket	Cast Aluminum	1
004	Casing cover	304 Stainless	1
007	Impeller	304 Stainless	1
011	Mechanical seal	Carbon/Ceramic	1
014	Fan	Polypropolene	1
015	Fan Cover	Steel	1
023	Capacitor	Single Phase only	1
024	Priming/Drain plug	304 Stainless	2
026	O-Ring	NBR	1
032	Key	304 Stainless	1
034	Impeller nut	304 Stainless	1
052	Terminal box	Plastic	1
053	Terminal cover	Plastic	1
073	Casing ring	NBR	1
075	Washer	304 Stainless	2
077	O-ring	NBR	2
092	Lip seal	–	1
093	Lip seal	–	1

Electrical Data

3/4 to 1 HP, Single Phase, 115V

Hz	Poles	Phase	Output (HP)	Voltage (V)	Applicable Model
60	2	Single	0.75-1	115	CDXM70

Name-Plate Rating	MOTOR MODEL		70/076	70/106
	Output	HP	0.75	1
		KW	0.55	0.75
	Phase		1	1
	Poles		2	2
	Volts		115	115
	Amperes		7.5	9.4
	Speed		3430	3450
	Insulation Class		F	F
Capacity of Capacitor µF		Start	-	-
		Run	45	60
No Load Test	Amperes		3.22	6.23
	Watts		230	354
Resistance at 20°C	Ohms		1.357	0.921
100% Load	Current		7.7	9.6
	Efficiency		65.0	66.1
	Power Factor		97.2	89.2
	Speed		3449	3445
Locked Rotor Torque			0.40	0.68
Start Current			28.1	40.94
Number Starts per Hour			30	
Voltage Tolerance			±6	

Electrical Data

3/4 to 2 HP, Single Phase, 230V

Hz	Poles	Phase	Output (HP)	Voltage (V)	Applicable Model
60	2	Single	0.75-2	230	CDXM

	MOTOR MODEL		70/076	70/106	70/156	120/106	120/156	120/206	200/156	200/206
Name-Plate Rating	Output	HP	0.75	1	1	1	1.5	2	1.5	2
		KW	0.55	0.75	1.1	0.75	1.1	1.5	1.1	1.5
	Phase		1	1	1	1	1	1	1	1
	Poles		2	2	2	2	2	2	2	2
	Volts		230	230	230	230	230	230	230	230
	Amperes		3.4	5.2	7.9	5.2	7.2	11.3	6.7	10.2
	Speed		3420	3430	3425	3425	3440	3475	3450	3490
	Insulation Class		F	F	F	F	F	F	F	F
Capacity of Capacitor µF		Start	-	-	-	-	-	-	-	-
		Run	12.5	14	25	14	25	35	20	35
No Load Test	Amperes		2.8	2.95	3.94	2.95	3.94	5.73	5.05	5.73
	Watts		335	325	502	325	502	529	485	529
Resistance at 20°C	Ohms		5.19	3.5	2.082	3.5	2.082	0.96	2.166	0.96
100% Load	Current		4.09	5.3	7.2	5.3	7.2	10.5	6.7	10.5
	Efficiency		62.1	67.7	70.1	67.7	70.1	80.3	67.7	80.3
	Power Factor		91.8	81.4	91.6	81.4	91.6	88.7	90.9	88.7
	Speed		3429	3512	3458	3512	3458	6492	3459	3492
Locked Rotor Torque			0.53	0.66	0.82	0.66	0.82	1.49	0.82	1.49
Start Current			17.34	19.9	23.9	20.1	23.9	32.6	23.9	32.6
Number Starts per Hour			30							
Voltage Tolerance			±6							

Electrical Data

3/4 to 3 HP, Three Phase, 230V

Hz	Poles	Phase	Output (HP)	Voltage (V)	Applicable Model
60	2	Three	0.75-3	230	CDX

Name-Plate Rating	MOTOR MODEL		70/076	70/106	70/156	120/106	120/156	120/206	200/156	200/206	200/306
	Output	HP	0.75	1	1	1	1.5	2	1.5	2	3
		KW	0.55	0.75	1.1	0.75	1.1	1.5	1.1	1.5	2.2
	Phase		3	3	3	3	3	3	3	3	3
	Poles		2	2	2	2	2	2	2	2	2
	Volts		230	230	230	230	230	230	230	230	230
	Amperes		1.9	2.9	3.8	2.8	4	7.5	3.8	7.5	7.5
	Speed		3330	3450	3350	3350	3375	3480	3380	3500	3360
	Insulation Class		F	F	F	F	F	F	F	F	F
No Load Test	Amperes		1.12	2.02	2.52	2.02	2.52	4.6	2.52	4.6	4.6
	Watts		134	158	82	158	82	114	82	114	114
Resistance at 20°C	Ohms		12.6	7.06	3.2	7.06	3.2	1.34	3.2	1.34	1.34
100% Load	Current		1.98	2.8	4.28	2.8	4.28	8.16	4.28	8.16	8.16
	Efficiency		63.2	68.1	82.74	68.1	82.7	82.9	82.3	82.9	84.1
	Power Factor		73.6	74.2	76.3	74.2	76.3	77	76.3	77	77
	Speed		3418	3436	3447	3436	3447	3480	3447	3480	3480
Locked Rotor Torque			2.54	4.17	7.55	4.17	7.55	12.41	7.55	12.41	12.41
Start Current			6.55	17.2	25.7	17.2	25.7	58.23	25.7	58.23	58.23
Number Starts per Hour			30								
Voltage Tolerance			±10								

Model CDX — EBARA Stainless Steel Centrifugal Pumps

Electrical Data

3/4 to 3 HP, Three Phase, 460V

Hz	Poles	Phase	Output (HP)	Voltage (V)	Applicable Model
60	2	Three	0.75-3	460	CDX

	MOTOR MODEL		70/076	70/106	70/156	120/106	120/156	120/206	200/156	200/206	200/306
Name-Plate Rating	Output	HP	0.75	1	1.5	1	1.5	2	1.5	2	3
		KW	0.55	0.75	1.1	0.75	1.1	1.5	1.1	1.5	2.2
	Phase		3	3	3	3	3	3	3	3	3
	Poles		2	2	2	2	2	2	2	2	2
	Volts		460	460	460	460	460	460	460	460	460
	Amperes		1.2	1.6	2.2	1.7	2.2	4.1	2.2	4.1	4.1
	Speed		3330	3450	3350	3350	3375	3480	3380	3500	3360
	Insulation Class		F	F	F	F	F	F	F	F	F
No Load Test	Amperes		0.65	1.17	1.27	1.17	1.27	2.30	1.27	2.30	2.3
	Watts		134	158	82	158	82	114	82	114	114
Resistance at 20°C	Ohms		37.9	21.2	9.6	21.2	9.6	4.01	9.6	4.01	4.01
100% Load	Current		1.15	1.62	2.15	1.62	2.15	4.10	2.15	4.10	4.10
	Efficiency		63.2	68.1	84.44	68.1	84.44	87.4	84.44	87.4	87.4
	Power Factor		73.6	74.2	76.3	74.2	76.3	77	76.3	77	77
	Speed		3418	3436	3447	3436	3447	3480	3447	3480	3480
Locked Rotor Torque			3.37	5.53	9.98	5.53	9.98	16.41	9.98	16.41	16.41
Start Current			3.28	8.60	17.2	8.60	17.2	38.9	17.2	38.9	38.9
Number Starts per Hour			30								
Voltage Tolerance			±10								