

Dimensions, weights Wilo-CronoLine-IL



Wilo-CronoLine-IL

Design

Single stage inline, flanged, long coupled, mechanical sealed dry rotor pump

Application

Hot water heating systems, chilled water air conditioning systems, closed cooling circuits, industrial circulation systems

Equipment/Function

- Inline bronze fitted (std) or optional all iron pump
- Coupled to motor via split coupling
- Standard NEMA frame Baldor motor

Scope of delivery

- Pump and motor (optionally pump end only)
- Installation and operating instructions

Technical Data

- Temperature range: -5 °F to + 285 °F (-20 °C to +140 °C)
- Power supply (smaller horsepower): 1-115/208-230 volt, 60 Hz
- Power supply (larger horsepower): 3-208-230/460, 575 volt, 60 Hz
- Motor options: ODP, TEFC, Premium and "Super E" efficiency types, 2 and 4 pole available (3,450 and 1,750 RPM)
- Flange connection: 1 1/4" to 4" NPT with 1/4" pressure gauge tappings
- Maximum operating pressure 250 PSI (16 bar), minimum inlet pressure NPSHreq dependant (see detailed curves)

Special features/product advantages

- Integral suction diffuser cast in volute inlet
- Pump flanges 125 # raised face ANSI std (250 # ANSI optional)
- Cataphoretic coating for corrosion protection
- Impeller trims for specific applications
- Pump feet drilled and tapped for ease of installation
- All bolts "non-metric"
- Motor stool includes extra tappings for removal from volute ("jack screws")
- Couplings include spacers and does not require dial indicators for alignment

Materials

- Pump volute: cast iron
- Impeller: bronze (cast iron optional)
- Shaft: 316L stainless steel
- Mechanical seal: Q1Q1X4GG (silicium carbide seal faces, HNBR elastomers); other mechanical seals on request

Description/construction

- Single stage low pressure centrifugal, inline design with mechanical seal
- Baldor NEMA standard motors

Standard pumps

Single pumps (heating)

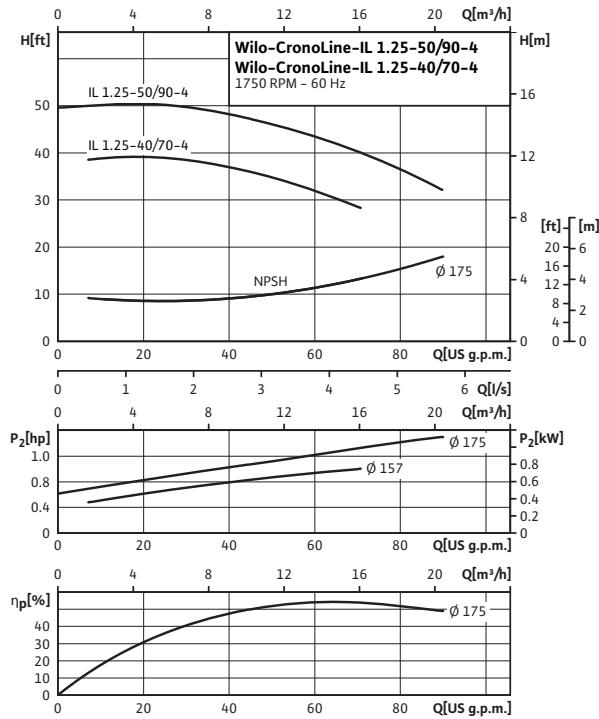
Technical Data Wilo-CronoLine-IL	
	Wilo-CronoLine-IL ...
Approved fluids (other fluids on request)	
Heating water	•
Water/glycol-mixtures at 20-40 Vol.-% glycol and fluid temperature ≤ 104 °F > 40 Vol.-% glycol > 20 Vol.-% glycol and fluid temperature > 104 °F	• • Additive dependant - please contact Wilo
Cooling and cold water	•
Heat transfer oil (others on request)	Custom version - please contact Wilo
Application limits	
Standard version with nominal pressure, P _{max} [PSI]	175 (12 bar) 250 psi (17 bar) on request
Temperature range [°F]	-20 to 250 (-4 °C to +120 °C) 285 (+140 °C) with special seal
Ambient temperature, max. [°F]	104 (40 °C)
Installation in closed buildings	•
Outdoor installation	Custom version - please contact Wilo
Typical flange sizes	
Nominal diameters for connection	1.25", 1.5", 2", 2.5", 3", 4"...
Flanges (acc. ASME Class 125)	ASME Class 125
Flanges with tappings NPT	¼ - 18 NPT
Materials	
Pump housing and lantern	cast iron
Impeller standard version	bronze (cast iron - on request)
Stub shaft	stainless steel 316L
Mechanical seal	Q1Q1X4GG
Other mechanical seals	on request
Motor/Electronics	
Integrated full motor protection	integrated protection PTC/PTO on request (on-site trip unit required)
Protection class	ODP (TEFC on request)
Insulation class	F
Voltages available	1-115/208-230 V, 60 Hz (≤ 2 HP) 3-208-230/460 V, 60 Hz (≥ 1 HP) 3-575 V, 60 Hz (≥ 1 HP) others on request
Speed [RPM]	4pole: 1750 - 2pole: 3500
Installation possibilities	
Pipe installation (up to 20 HP)	•
Support bracket installation	•

• = available, - = not available

Pump curves Wilo-CronoLine-IL

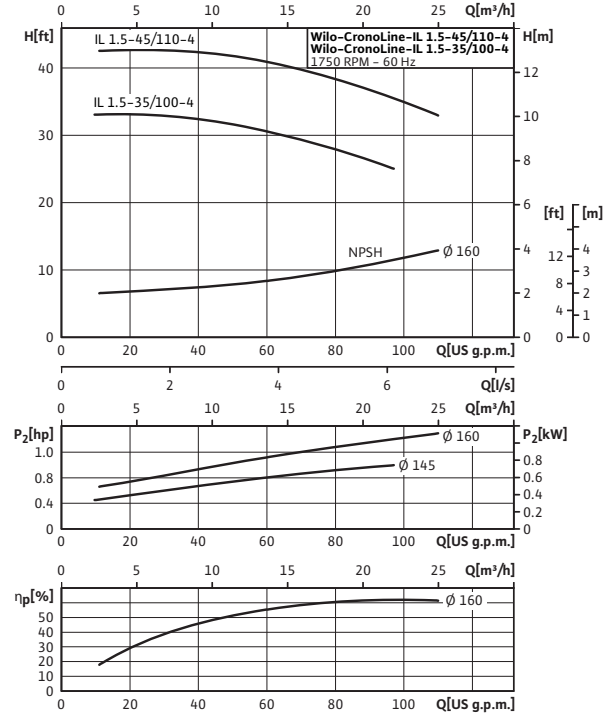
Wilo-CronoLine-IL 1.25-40/70-4, 1.25-50/90-4

Rotational speed 1750 rpm



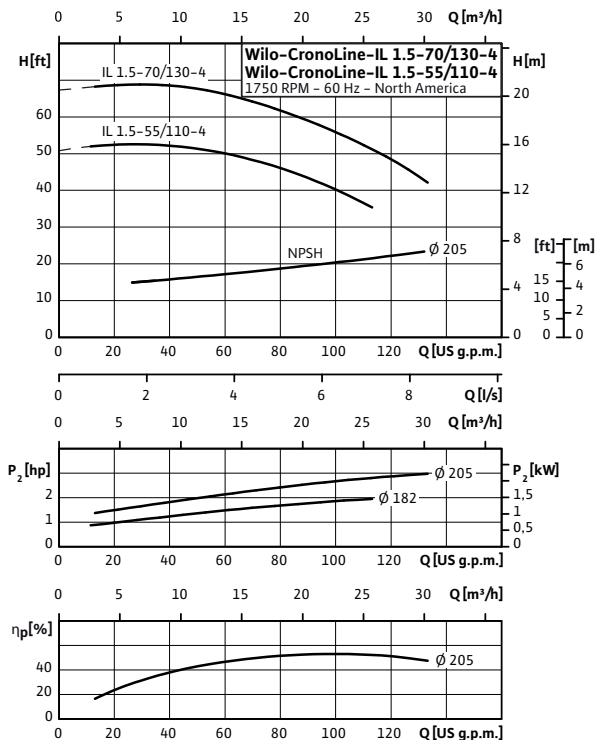
Wilo-CronoLine-IL 1.5-35/100-4, 1.5-45/110-4

Rotational speed 1750 rpm



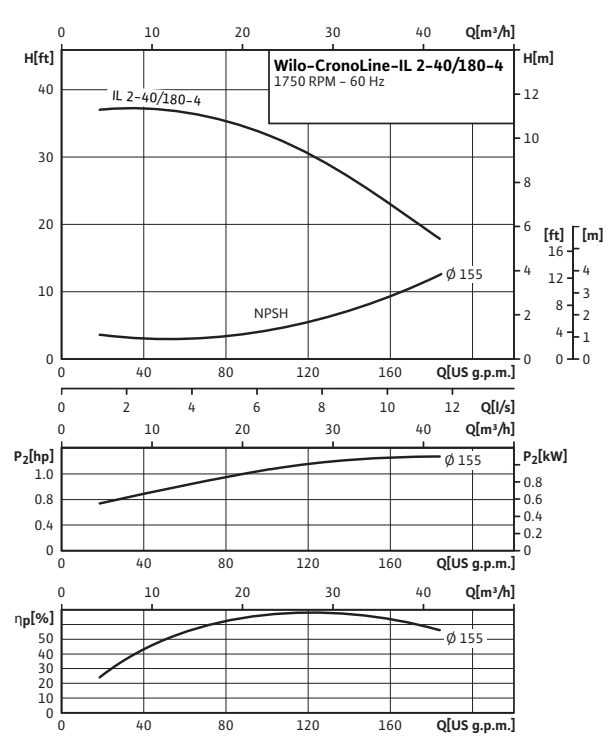
Wilo-CronoLine-IL 1.5-55/110-4, 1.5-70/130-4

Rotational speed 1750 rpm



Wilo-CronoLine-IL 2-40/180-4

Rotational speed 1750 rpm

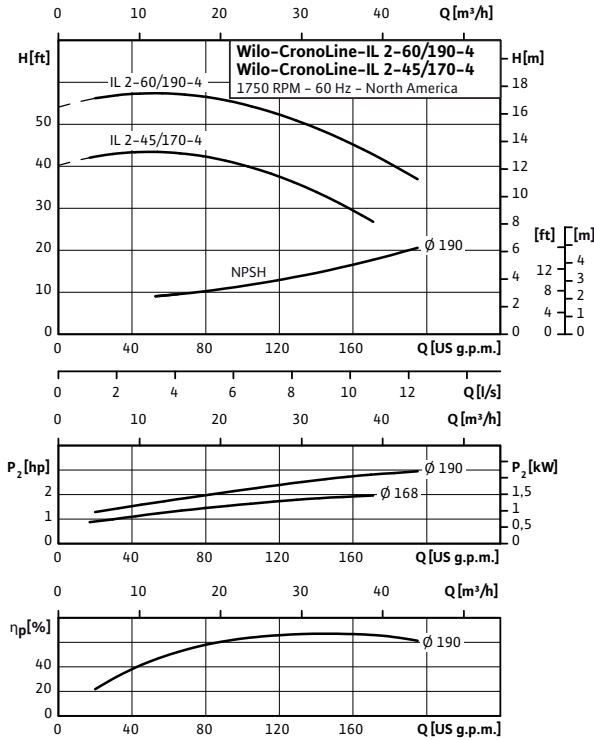


Inline pumps

Pump curves Wilo-CronoLine-IL

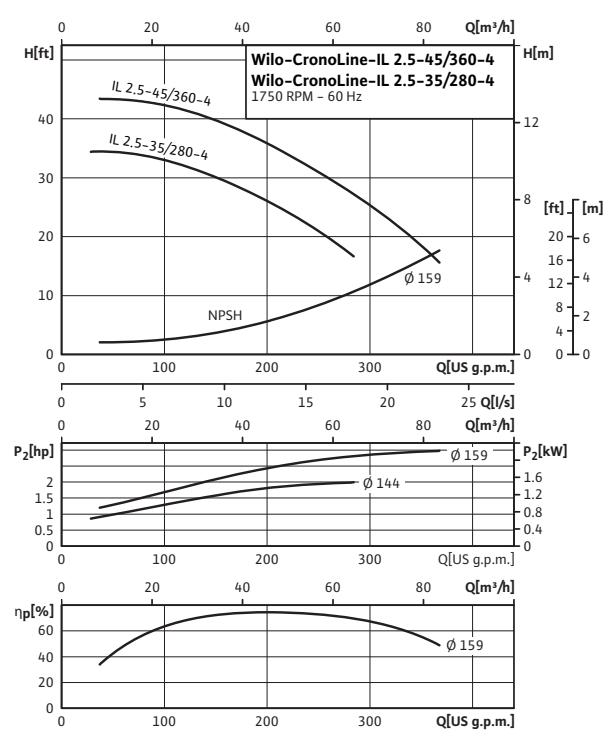
Wilo-CronoLine-IL 2-45/170-4, 2-60/190-4

Rotational speed 1750 rpm



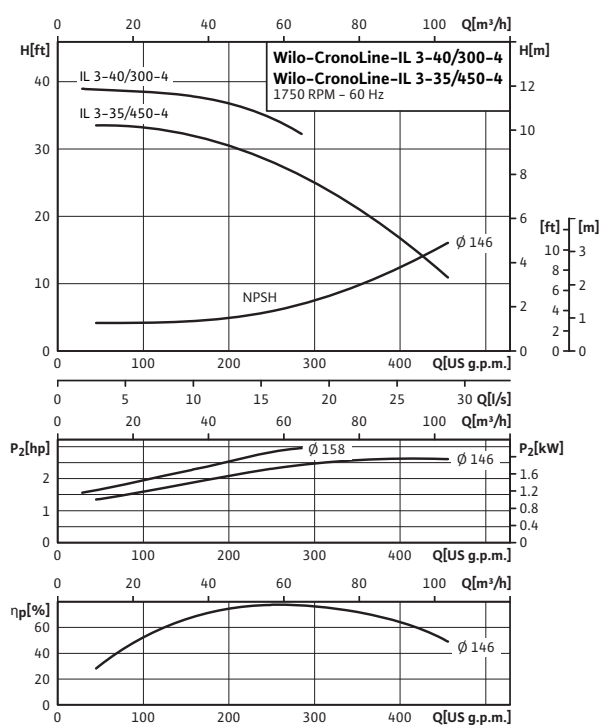
Wilo-CronoLine-IL 2.5-35/280-4, 2.5-45/360-4

Rotational speed 1750 rpm



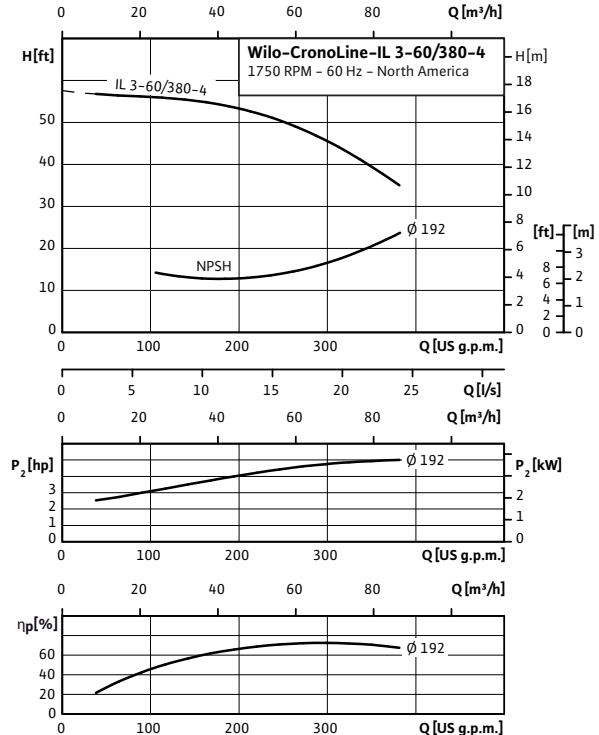
Wilo-CronoLine-IL 3-35/450-4, 3-40/300-4

Rotational speed 1750 rpm



Wilo-CronoLine-IL 3-60/380-4

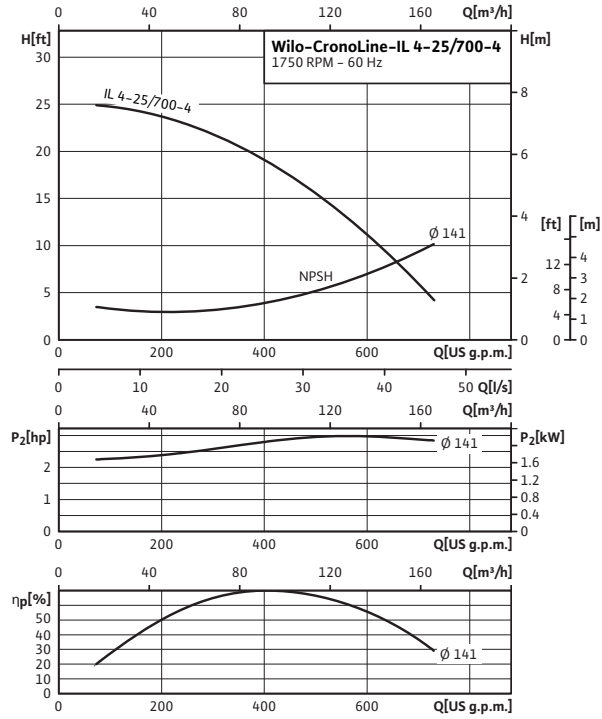
Rotational speed 1750 rpm



Pump curves Wilo-CronoLine-IL

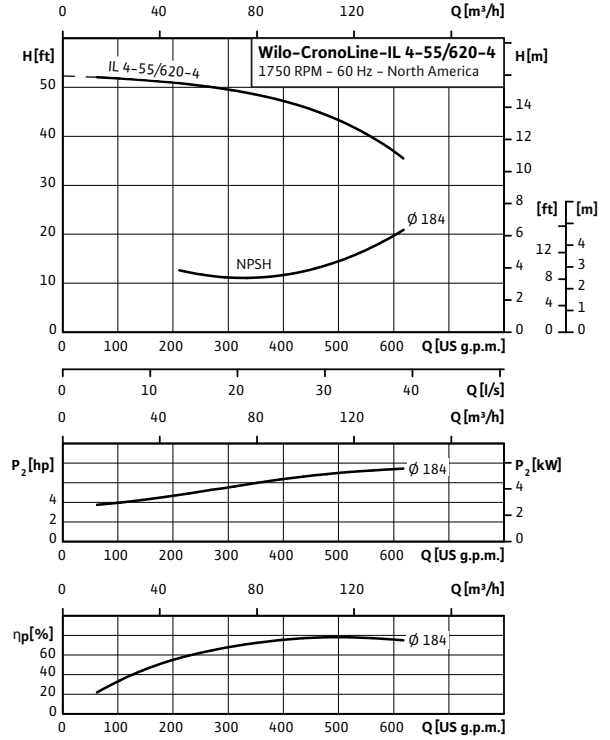
Wilo-CronoLine-IL 4-25/700-4

Rotational speed 1750 rpm



Wilo-CronoLine-IL 4-55/620-4

Rotational speed 1750 rpm

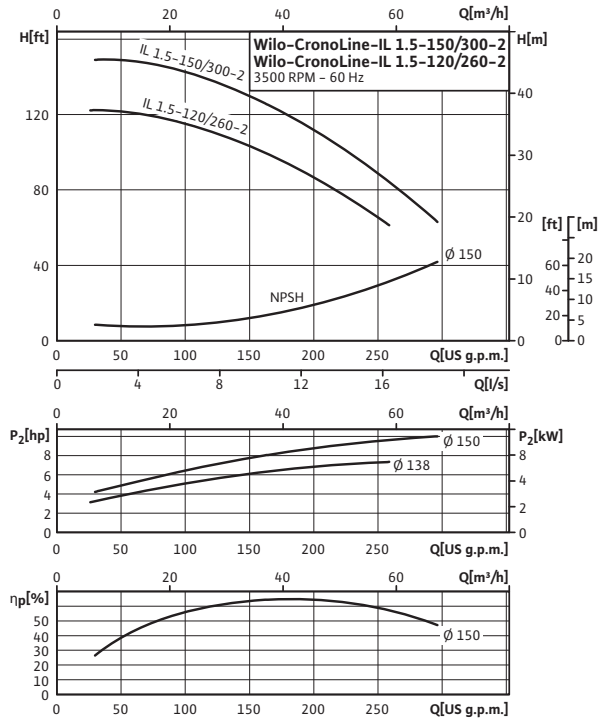


Inline pumps

Pump curves Wilo-CronoLine-IL

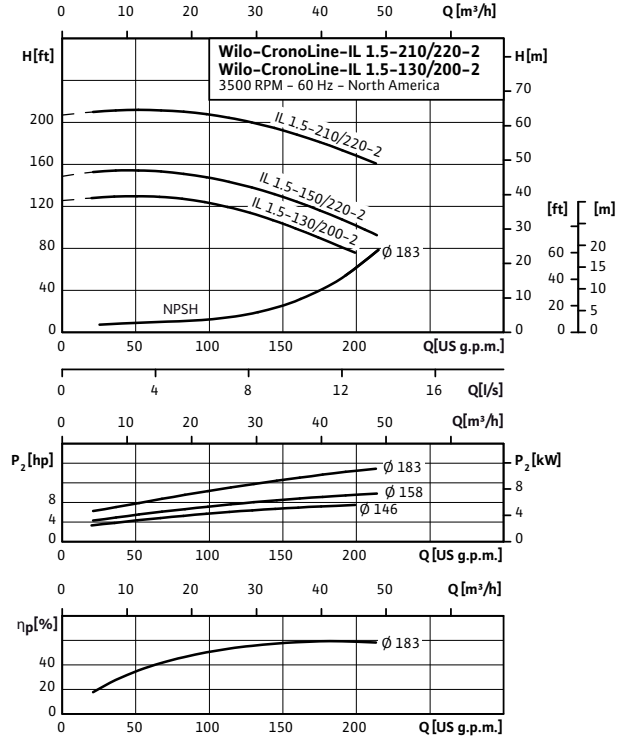
Wilo-CronoLine-IL 1.5-120/260-2, 1.5-150/300-2

Rotational speed 3450 rpm



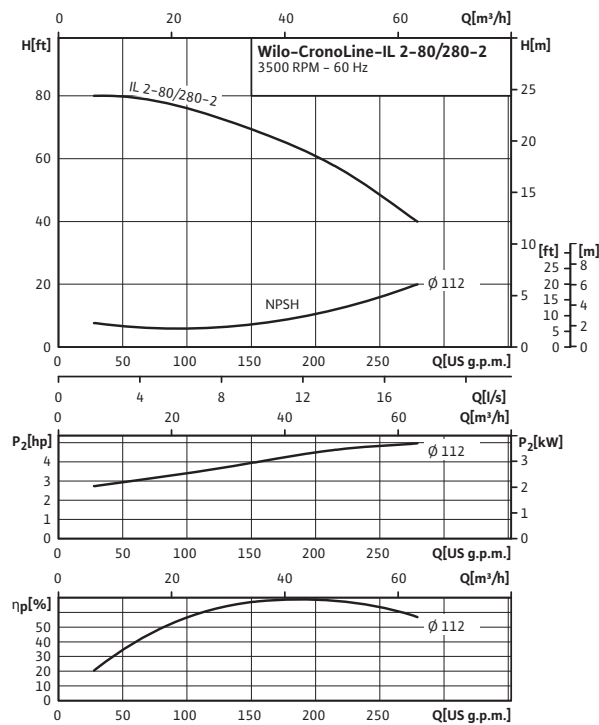
Wilo-CronoLine-IL 1.5-130/200-2 - 1.5-210/220-2

Rotational speed 3450 rpm



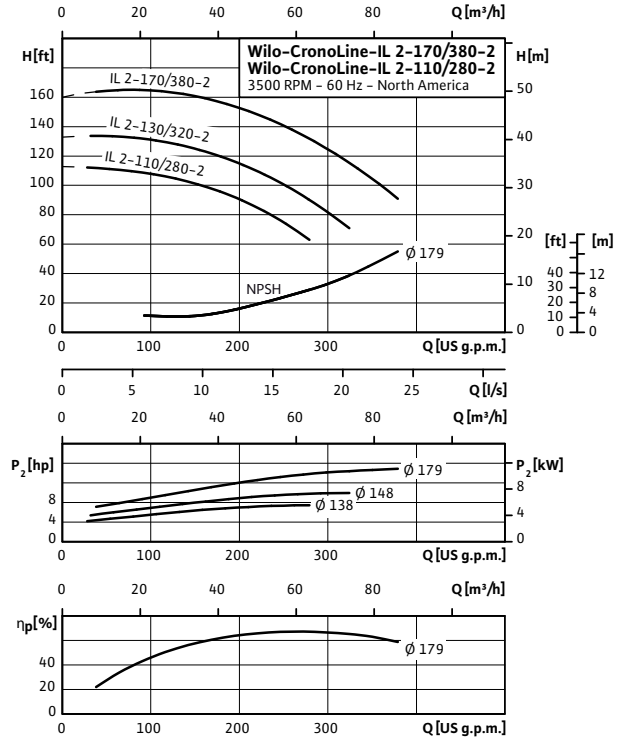
Wilo-CronoLine-IL 2-80/280-2

Rotational speed 3450 rpm



Wilo-CronoLine-IL 2-110/280-2 - 2-170/320-2

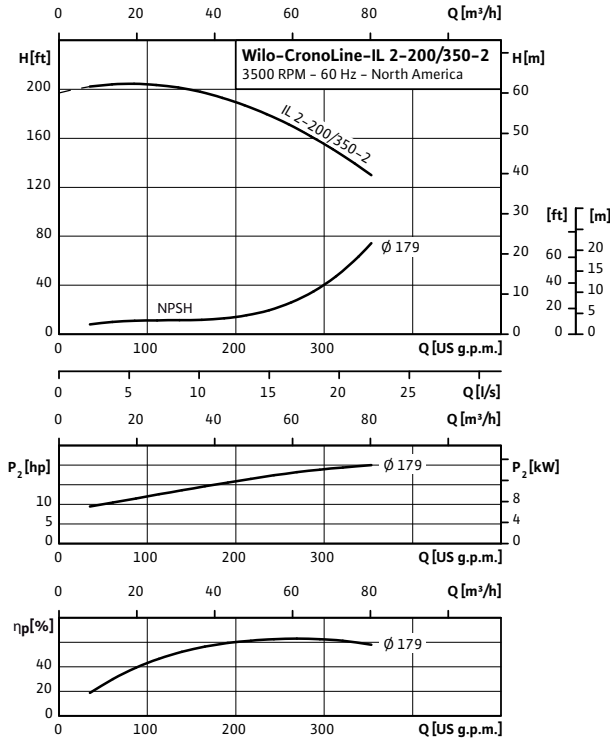
Rotational speed 3450 rpm



Pump curves Wilo-CronoLine-IL

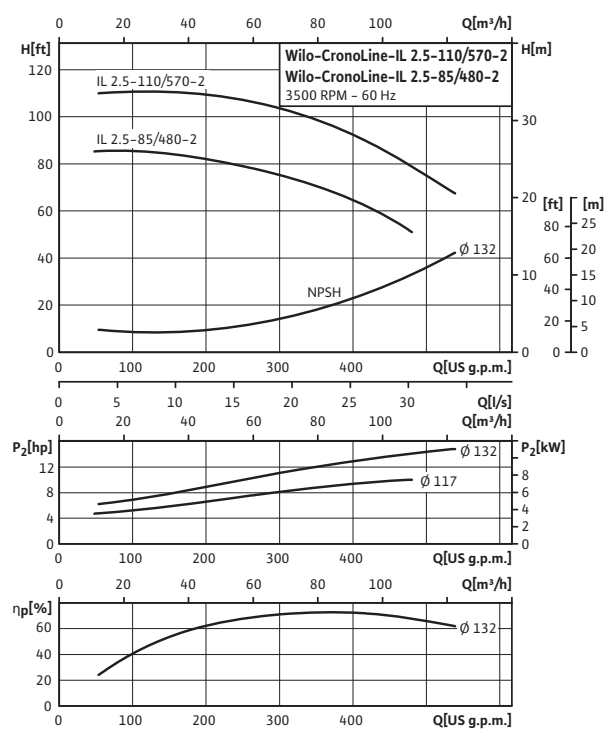
Wilo-CronoLine-IL 2-200/350-2

Rotational speed 3450 rpm



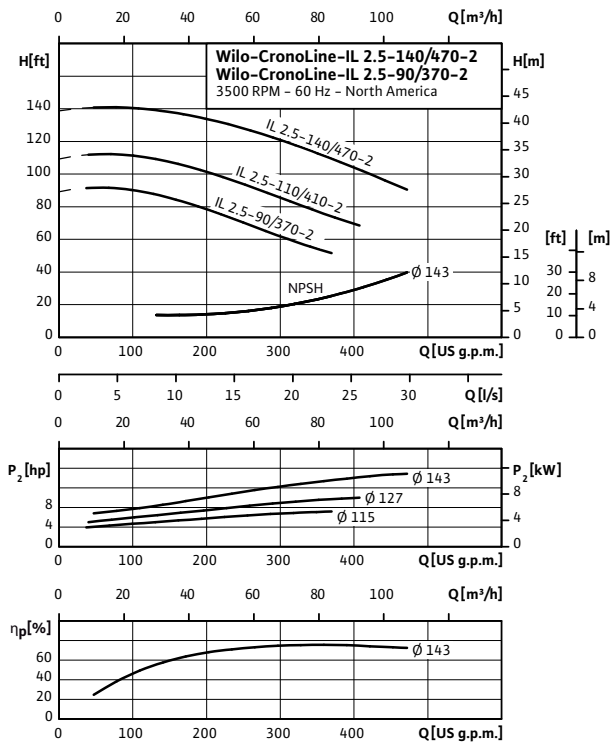
Wilo-CronoLine-IL 2.5-85/480-2 - 2.5-110/570-2

Rotational speed 3450 rpm



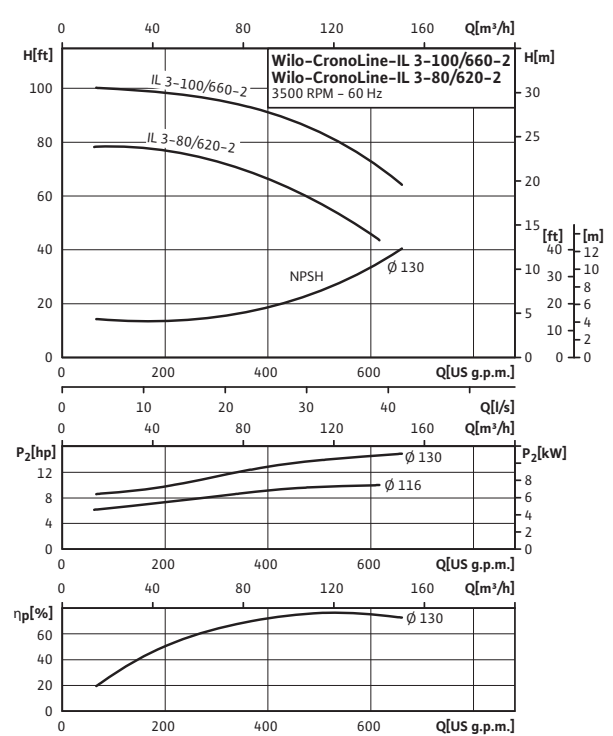
Wilo-CronoLine-IL 2.5-90/370-2 - 2.5-140/470-2

Rotational speed 3450 rpm



Wilo-CronoLine-IL 3-80/620-2 - 3-100/660-2

Rotational speed 3450 rpm

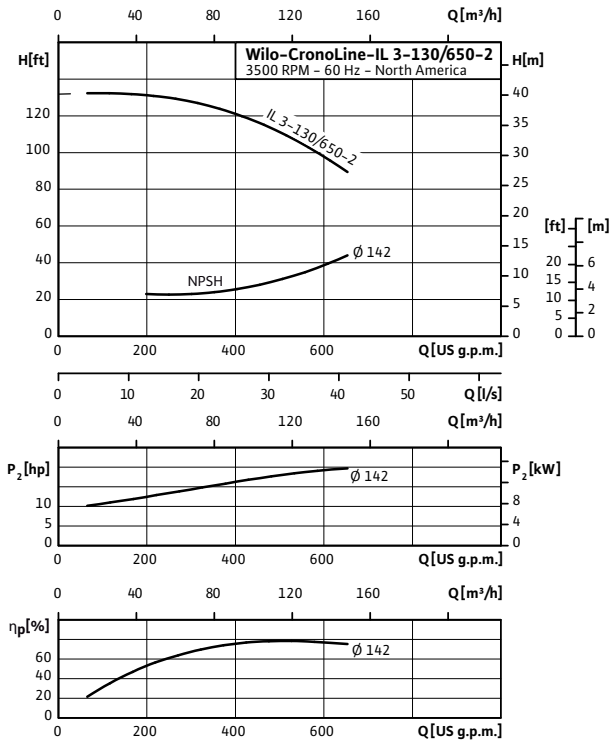


Inline pumps

Pump curves Wilo-CronoLine-IL

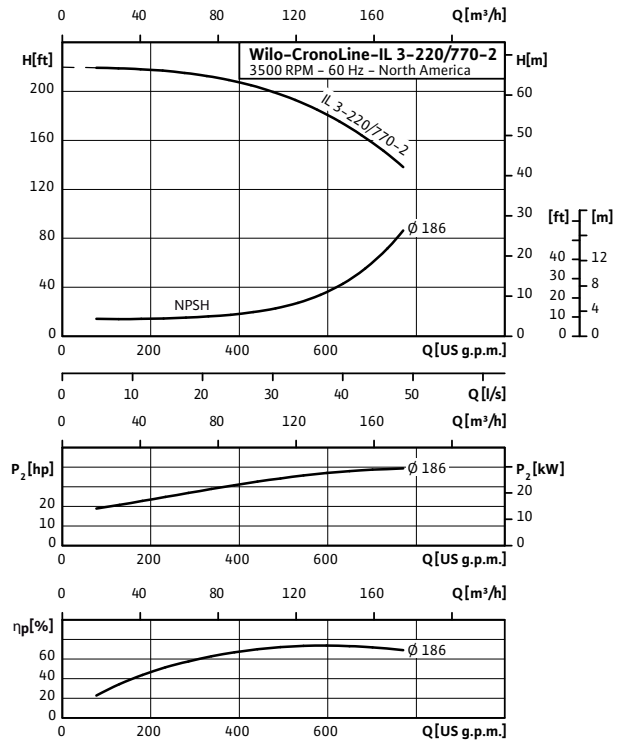
Wilo-CronoLine-IL 3-130/650-2

Rotational speed 3450 rpm



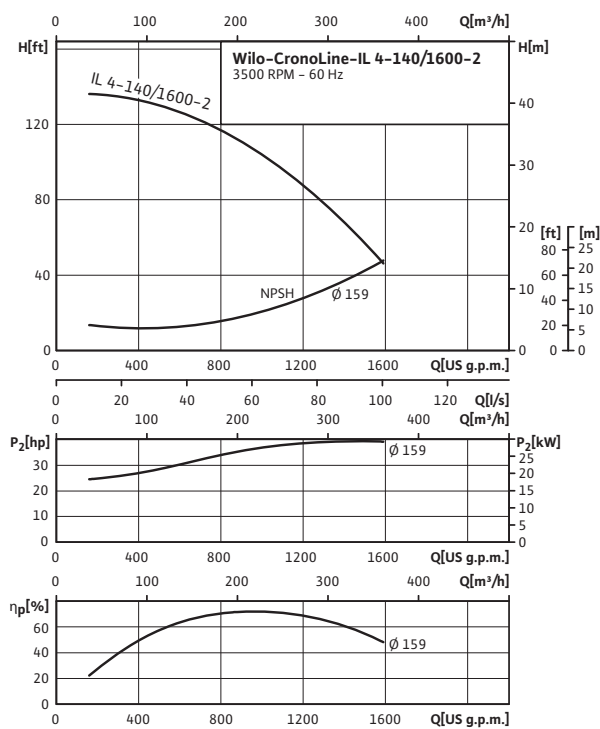
Wilo-CronoLine-IL 3-220/770-2

Rotational speed 3450 rpm



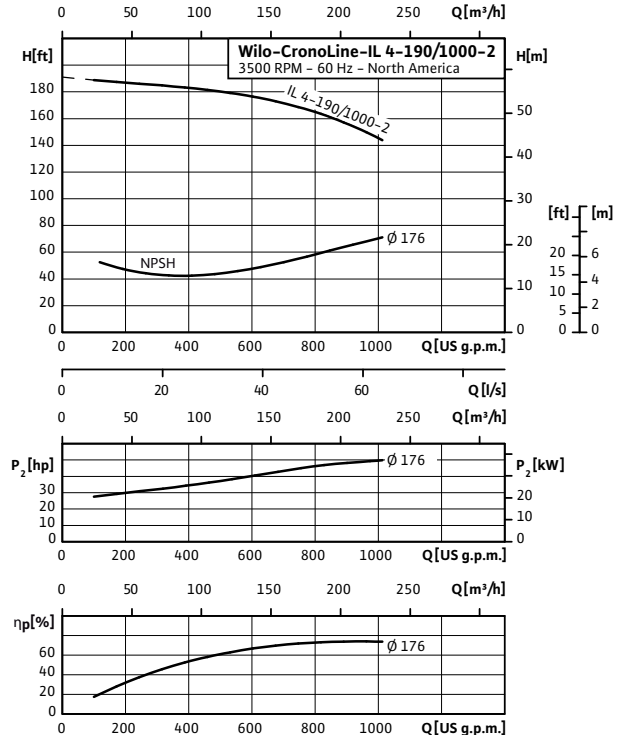
Wilo-CronoLine-IL 4-140/1600-2

Rotational speed 3450 rpm



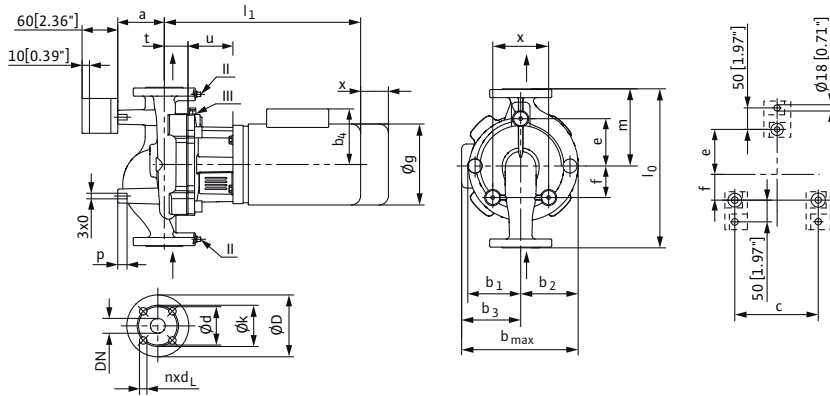
Wilo-CronoLine-IL 4-190/1000-2

Rotational speed 3450 rpm



Dimensions, weights Wilo-CronoLine-IL

Dimension drawing



Dimensions, weights (1750 rpm; mm)

Wilo-CronoLine-IL ...	Nominal flange diameter	Dimensions																	Weight about ¹⁾			
		DN	l_0	a	b_1	b_2	b_3 ¹⁾	b_4 ²⁾	b_{max} ¹⁾	c	e	f	$\varnothing g$	l_{1max} ¹⁾	m	σ ³⁾	p	t		u	x	M
		[inch]	[mm]													[inch]	[mm]			[kg]		
1.25-40/70-4	1 ¹ / ₄	343	100	114	124	143	139	267	120	102	68	183	431	166	³ / ₈	20	51	97	102	43		
1.25-50/90-4	1 ¹ / ₄	343	100	114	124	143	139	267	120	102	68	183	453	166	³ / ₈	20	51	97	102	46		
1.5-35/100-4	1 ¹ / ₂	368	82	114	129	143	139	272	130	149	58	183	445	178	³ / ₈	20	65	97	102	45		
1.5-45/110-4	1 ¹ / ₂	368	82	114	129	143	139	272	130	149	58	183	467	178	³ / ₈	20	65	97	102	48		
1.5-55/110-4	1 ¹ / ₂	432	110	145	149	143	140	292	180	137	78	182	485	203	³ / ₈	20	60	119	102	62		
1.5-70/130-4	1 ¹ / ₂	432	110	145	149	143	—	292	180	137	78	182	485	203	³ / ₈	20	60	119	102	64		
2-40/180-4	2	381	90	120	139	129	139	268	164	117	48	183	472	186	³ / ₈	20	72	116	102	52		
2-45/170-4	2	444	120	145	150	143	140	293	160	132	70	182	486	202	³ / ₈	20	61	119	102	65		
2-60/190-4	2	444	120	145	150	143	—	293	160	132	70	182	486	202	³ / ₈	20	61	119	102	67		
2.5-35/280-4	2 ¹ / ₂	445	110	127	147	143	—	290	180	140	60	182	500	216	¹ / ₂	20	78	116	127	62		
2.5-45/360-4	2 ¹ / ₂	445	110	127	147	143	—	290	180	140	60	182	500	216	¹ / ₂	20	78	116	127	65		
3-35/450-4	3	483	123	136	162	143	—	305	180	128	72	182	507	218	¹ / ₂	20	75	125	127	75		
3-40/300-4.S1	3	483	123	136	162	143	—	305	180	128	72	182	507	218	¹ / ₂	20	75	125	127	75		
3-60/380-4	3	533	145	157	182	175	—	357	220	170	62	218	585	246	¹ / ₂	20	78	153	127	98		
4-25/700-4	4	521	132	158	196	143	—	339	200	234	60	182	541	262	¹ / ₂	20	110	125	152	92		
4-55/620-4	4	559	155	173	202	201	—	403	220	233	99	—	659	260	¹ / ₂	20	88	153	127	130		

¹⁾ Max. value (1ph or 3ph motor)

²⁾ Valid for 1ph motor

³⁾ UNC

Dimensions, weights Wilo-CronoLine-IL

Dimensions, weights (1750 rpm; inch)

Wilo-CronoLine-IL ...	Nominal flange diameter	Dimensions																		Weight about ¹⁾		
		DN	l ₀	a	b ₁	b ₂	b ₃ ¹⁾	b ₄ ²⁾	b _{max} ¹⁾	c	e	f	Ø g	l _{1max} ¹⁾	m	o ³⁾	p	t	u		x	M
		[inch]	[inch]																		[lbs]	
1.25-40/70-4	1 1/4	13 1/2	3 15/16	4 1/2	4 7/8	5 5/8	5 1/2	10 1/2	4 3/4	4	2 11/16	7 3/16	16 7/8	6 9/16	3/8	13/16	2	3 13/16	4	95		
1.25-50/90-4	1 1/4	13 1/2	3 15/16	4 1/2	4 7/8	5 5/8	5 1/2	10 1/2	4 3/4	4	2 11/16	7 3/16	17 7/8	6 9/16	3/8	13/16	2	3 13/16	4	101		
1.5-35/100-4	1 1/2	14 1/2	3 1/4	4 1/2	5 1/16	5 5/8	5 1/2	10 11/16	5 1/8	5 7/8	2 5/16	7 3/16	17 1/2	7	3/8	13/16	2 9/16	3 13/16	4	99		
1.5-45/110-4	1 1/2	14 1/2	3 1/4	4 1/2	5 1/16	5 5/8	5 1/2	10 11/16	5 1/8	5 7/8	2 5/16	7 3/16	18 3/8	7	3/8	13/16	2 9/16	3 13/16	4	106		
1.5-55/110-4	1 1/2	17	4 5/16	5 11/16	5 7/8	5 5/8	5 1/2	11 1/2	7 1/16	5 3/8	3 1/16	7 3/16	19 1/8	8	3/8	13/16	2 3/8	4 11/16	4	137		
1.5-70/130-4	1 1/2	17	4 5/16	5 11/16	5 7/8	5 5/8	—	11 1/2	7 1/16	5 3/8	3 1/16	7 3/16	19 1/8	8	3/8	13/16	2 3/8	4 11/16	4	141		
2-40/180-4	2	15	3 9/16	4 3/4	5 1/2	5 1/16	5 1/2	10 9/16	6 7/16	4 5/8	1 7/8	7 3/16	18 9/16	7 5/16	3/8	13/16	2 13/16	4 9/16	4	115		
2-45/170-4	2	17 1/2	4 3/4	5 11/16	5 7/8	5 5/8	5 1/2	11 1/2	6 5/16	5 3/16	2 3/4	7 3/16	19 1/8	7 15/16	3/8	13/16	2 3/8	4 11/16	4	143		
2-60/190-4	2	17 1/2	4 3/4	5 11/16	5 7/8	5 5/8	—	11 1/2	6 5/16	5 3/16	2 3/4	7 3/16	19 1/8	7 15/16	3/8	13/16	2 3/8	4 11/16	4	148		
2.5-35/280-4	2 1/2	17 1/2	4 5/16	5	5 13/16	5 5/8	—	11 3/8	7 1/16	5 1/2	2 3/8	7 3/16	19 11/16	8 1/2	1/2	13/16	3 1/16	4 9/16	5	137		
2.5-45/360-4	2 1/2	17 1/2	4 5/16	5	5 13/16	5 5/8	—	11 3/8	7 1/16	5 1/2	2 3/8	7 3/16	19 11/16	8 1/2	1/2	13/16	3 1/16	4 9/16	5	143		
3-35/450-4	3	19	4 13/16	5 3/8	6 3/8	5 5/8	—	12	7 1/16	5 1/16	2 13/16	7 3/16	19 15/16	8 9/16	1/2	13/16	2 15/16	4 15/16	5	165		
3-40/300-4	3	19	4 13/16	5 3/8	6 3/8	5 5/8	—	12	7 1/16	5 1/16	2 13/16	7 3/16	19 15/16	8 9/16	1/2	13/16	2 15/16	4 15/16	5	165		
3-60/380-4	3	21	5 11/16	6 3/16	7 3/16	6 7/8	—	14 1/16	8 11/16	6 11/16	2 7/16	8 5/8	23	9 11/16	1/2	13/16	3 1/16	6	5	216		
4-25/700-4	4	20 1/2	5 3/16	6 1/4	7 11/16	5 5/8	—	13 5/16	7 7/8	9 3/16	2 3/8	7 3/16	21 5/16	10 5/16	1/2	13/16	4 5/16	4 15/16	6	203		
4-55/620-4	4	22	6 1/8	6 13/16	7 15/16	7 15/16	—	15 7/8	8 11/16	9 3/16	3 7/8	—	25 15/16	10 3/16	1/2	13/16	3 7/16	6	5	287		

¹⁾ Max. value (1ph or 3ph motor)

²⁾ Valid for 1ph motor

³⁾ UNC

Dimensions, weights Wilo-CronoLine-IL

Dimensions, weights (3400 rpm; mm)

Wilo-Crono-Line-IL ...	Nominal flange diameter	Dimensions																		Weight about ¹⁾		
		DN	l ₀	a	b ₁	b ₂	b ₃ ¹⁾	b ₄ ²⁾	b _{max} ¹⁾	c	e	f	Ø g	l _{1max} ¹⁾	m	o ³⁾	p	t	u		x	M
		[inch]	[mm]															[inch]	[mm]			[kg]
1.5-120/260-2	1½	368	82	114	129	175	–	304	130	149	58	218	563	178	¾	20	65	107	102	71		
1.5-130/200-2	1½	432	110	145	149	175	–	324	180	137	78	218	566	203	¾	20	60	116	102	67		
1.5-150/220-2	1½	432	110	145	149	201	–	350	180	137	78	259	564	203	¾	20	60	116	102	98		
1.5-150/300-2	1½	368	82	114	129	201	–	330	130	149	58	259	598	178	¾	20	65	107	102	83		
1.5-210/220-2	1½	432	110	145	149	201	–	350	180	137	78	259	590	203	¾	20	60	116	102	104		
2-80/280-2	2	368	105	102	119	162	–	281	140	99	54	218	552	169	¾	20	60	101	100	66		
2-110/280-2	2	381	90	120	139	175	–	314	164	117	48	218	579	186	¾	20	72	116	102	63		
2-130/320-2	2	381	90	120	139	201	–	340	164	117	48	259	577	186	¾	20	72	116	102	94		
2-170/380-2	2	381	90	120	139	201	–	340	164	117	48	259	602	186	¾	20	72	116	102	101		
2-200/350-2	2	444	120	145	150	207	–	357	160	132	70	259	646	202	¾	20	61	168	102	118		
2.5-85/480-2	2½	381	120	112	134	201	–	335	140	100	60	259	626	178	½	20	75	126	127	95		
2.5-90/370-2	2½	445	110	127	147	175	–	322	180	140	60	218	635	216	½	20	78	167	127	69		
2.5-110/410-2	2½	445	110	127	147	201	–	348	180	140	60	259	633	216	½	20	78	167	127	99		
2.5-110/570-2	2½	381	120	112	134	201	–	335	140	100	60	259	652	178	½	20	75	126	127	98		
2.5-140/470-2	2½	445	110	127	147	201	–	348	180	140	60	259	659	216	½	20	78	167	127	106		
3-80/620-2	3	445	109	123	151	201	–	352	180	140	57	259	643	220	½	20	92	126	127	105		
3-100/660-2	3	445	109	123	151	201	–	352	180	140	57	259	669	220	½	20	92	126	127	108		
3-130/650-2	3	483	123	136	162	207	–	369	180	128	72	259	660	218	½	20	75	167	127	128		
3-220/770-2	3	533	145	157	182	285	–	467	220	170	62	293	772	246	½	20	78	131	127	201		
4-140/1600-2	4	521	132	158	196	285	–	481	200	234	60	293	805	262	½	20	110	131	152	203		
4-190/1000-2	4	559	155	173	202	310	–	512	220	233	99	–	884	260	½	20	88	144	127	274		

¹⁾ Max. value (1ph or 3ph motor)

²⁾ Valid for 1ph motor

³⁾ UNC

Dimensions, weights Wilo-CronoLine-IL

Dimensions, weights (3400 rpm; inch)

Wilo-Crono-Line-IL ...	Nominal flange diameter	Dimensions																		Weight about ¹⁾		
		DN	l ₀	a	b ₁	b ₂	b ₃ ¹⁾	b ₄ ²⁾	b _{max} ¹⁾	c	e	f	Ø g	l _{max} ¹⁾	m	o ³⁾	p	t	u		x	M
		[inch]																			[lbs]	
1.5-120/260-2	1 1/2	14 1/2	3 1/4	4 1/2	5 1/16	6 7/8	—	11 15/16	5 1/8	5 7/8	2 5/16	8 5/8	22 1/8	7	3/8	13 1/16	2 9/16	4 3/16	4	157		
1.5-130/200-2	1 1/2	17	4 5/16	5 11/16	5 7/8	6 7/8	—	12 3/4	7 1/16	5 3/8	3 1/16	8 5/8	22 5/16	8	3/8	13 1/16	2 3/8	4 9/16	4	148		
1.5-150/220-2	1 1/2	17	4 5/16	5 11/16	5 7/8	7 15/16	—	13 13/16	7 1/16	5 3/8	3 1/16	10 3/16	22 1/4	8	3/8	13 1/16	2 3/8	4 9/16	4	216		
1.5-150/300-2	1 1/2	14 1/2	3 1/4	4 1/2	5 1/16	7 15/16	—	13	5 1/8	5 7/8	2 5/16	10 3/16	23 9/16	7	3/8	13 1/16	2 9/16	4 3/16	4	183		
1.5-210/220-2	1 1/2	17	4 5/16	5 11/16	5 7/8	7 15/16	—	13 13/16	7 1/16	5 3/8	3 1/16	10 3/16	23 1/4	8	3/8	13 1/16	2 3/8	4 9/16	4	229		
2-80/280-2	2	14 1/2	4 1/8	4	4 11/16	6 3/8	—	11 1/16	5 1/2	3 7/8	2 1/8	8 5/8	21 3/4	6 5/8	3/8	13 1/16	2 3/8	4	3 15/16	146		
2-110/280-2	2	15	3 9/16	4 3/4	5 1/2	6 7/8	—	12 5/16	6 7/16	4 5/8	1 7/8	8 5/8	22 13/16	7 5/16	3/8	13 1/16	2 13/16	4 9/16	4	139		
2-130/320-2	2	15	3 9/16	4 3/4	5 1/2	7 15/16	—	13 3/8	6 7/16	4 5/8	1 7/8	10 3/16	22 11/16	7 5/16	3/8	13 1/16	2 13/16	4 9/16	4	207		
2-170/380-2	2	15	3 9/16	4 3/4	5 1/2	7 15/16	—	13 3/8	6 7/16	4 5/8	1 7/8	10 3/16	23 11/16	7 5/16	3/8	13 1/16	2 13/16	4 9/16	4	223		
2-200/350-2	2	17 1/2	4 3/4	5 11/16	5 7/8	8 3/16	—	14 1/16	6 5/16	5 3/16	2 3/4	10 3/16	25 7/16	7 15/16	3/8	13 1/16	2 3/8	6 5/8	4	260		
2.5-85/480-2	2 1/2	15	4 3/4	4 7/16	5 1/4	7 15/16	—	13 3/16	5 1/2	3 15/16	2 3/8	10 3/16	24 5/8	7	1/2	13 1/16	2 15/16	4 15/16	5	209		
2.5-90/370-2	2 1/2	17 1/2	4 5/16	5	5 13/16	6 7/8	—	12 11/16	7 1/16	5 1/2	2 3/8	8 5/8	25	8 1/2	1/2	13 1/16	3 1/16	6 9/16	5	152		
2.5-110/410-2	2 1/2	17 1/2	4 5/16	5	5 13/16	7 15/16	—	13 11/16	7 1/16	5 1/2	2 3/8	10 3/16	24 15/16	8 1/2	1/2	13 1/16	3 1/16	6 9/16	5	218		
2.5-110/570-2	2 1/2	15	4 3/4	4 7/16	5 1/4	7 15/16	—	13 3/16	5 1/2	3 15/16	2 3/8	10 3/16	25 5/8	7	1/2	13 1/16	2 15/16	4 15/16	5	216		
2.5-140/470-2	2 1/2	17 1/2	4 5/16	5	5 13/16	7 15/16	—	13 11/16	7 1/16	5 1/2	2 3/8	10 3/16	25 15/16	8 1/2	1/2	13 1/16	3 1/16	6 9/16	5	234		
3-80/620-2	3	17 1/2	4 1/4	4 7/8	5 15/16	7 15/16	—	13 7/8	7 1/16	5 1/2	2 1/4	10 3/16	25 5/16	8 11/16	1/2	13 1/16	3 5/8	4 15/16	5	231		
3-100/660-2	3	17 1/2	4 1/4	4 7/8	5 15/16	7 15/16	—	13 7/8	7 1/16	5 1/2	2 1/4	10 3/16	26 5/16	8 11/16	1/2	13 1/16	3 5/8	4 15/16	5	238		
3-130/650-2	3	19	4 13/16	5 3/8	6 3/8	8 3/16	—	14 9/16	7 1/16	5 1/16	2 13/16	10 3/16	25 15/16	8 9/16	1/2	13 1/16	2 15/16	6 9/16	5	282		
3-220/770-2	3	21	5 11/16	6 3/16	7 3/16	11 3/16	—	18 3/8	8 11/16	6 11/16	2 7/16	11 9/16	30 3/8	9 11/16	1/2	13 1/16	3 1/16	5 1/8	5	443		
4-140/1600-2	4	20 1/2	5 3/16	6 1/4	7 11/16	11 3/16	—	18 15/16	7 7/8	9 3/16	2 3/8	11 9/16	31 11/16	10 5/16	1/2	13 1/16	4 5/16	5 3/16	6	448		
4-190/1000-2	4	22	6 1/8	6 13/16	7 15/16	12 3/16	—	20 3/16	8 11/16	9 3/16	3 7/8	—	34 13/16	10 3/16	1/2	13 1/16	3 7/16	5 11/16	5	604		

¹⁾ Max. value (1ph or 3ph motor)

²⁾ Valid for 1ph motor

³⁾ UNC

Dimensions, weights Wilo-CronoLine-IL

Flange dimensions

Wilo-CronoLine-IL ...	Nominal flange diameter	Dimensions								
		DN	Ø D		Ø d		Ø k		n x d _L	
		[inch]	[inch]	[mm]	[inch]	[mm]	[inch]	[mm]	[p. x inch]	[p. x mm]
32...	1 ¹ / ₄	5 ¹ / ₄	133.4	3 ¹ / ₁₆	77.7	3 ¹ / ₂	88.9	4 x ⁵ / ₈	4 x 16	
40...	1 ¹ / ₂	6 ¹ / ₈	155.4	3 ⁹ / ₁₆	90.4	3 ⁷ / ₈	98.6	4 x ⁵ / ₈	4 x 16	
50...	2	6 ¹ / ₂	165.1	4 ³ / ₁₆	106.4	4 ³ / ₄	120.6	4 x ³ / ₄	4 x 19	
65...	2 ¹ / ₂	4 ⁵ / ₁₆	109.5	4 ¹⁵ / ₁₆	125.5	5 ¹ / ₂	139.7	4 x ³ / ₄	4 x 19	
80...	3	8 ¹ / ₄	209.6	5 ¹¹ / ₁₆	144.5	6	152.4	4 x ³ / ₄	4 x 19	
100...	4	10	254	6 ¹⁵ / ₁₆	176.3	7 ¹ / ₂	190.5	8 x ³ / ₄	8 x 19	

Inline pumps

Wilo-CronoLine-IL

Terminal Diagram, Motor Data Wilo-CronoLine-IL

Motor data (1750 rpm; ODP)

Wilo-CronoLine-IL ...	Nominal power		Rated current			Power factor			Efficiency		
	P ₂		I _N 1~115/208-230 V	I _N 3~208-230/460 V	I _N 3~575 V	cos φ 1~115/208-230 V	cos φ 1~208-230/460 V	cos φ 1~575 V	η _M 1~115/208-230 V	η _M 1~208-230/460 V	η _M 1~575/230 V
	[hp]	[kW]	[A]								
1.25-40/70-4	1.00	0.75	13.4/7.4-6.7	1.7	1.4	0.72	0.72	0.70	0.66	0.79	0.78
1.25-50/90-4	1.50	1.12	18/9.5-9.0	2.4	1.9	0.74	0.72	0.72	0.68	0.79	0.78
1.5-35/100-4	1.00	0.75	13.4/7.4-6.7	1.7	1.4	0.72	0.72	0.70	0.66	0.79	0.78
1.5-45/110-4	1.50	1.12	18/9.5-9.0	2.4	1.9	0.74	0.72	0.72	0.68	0.79	0.78
1.5-55/110-4	2.00	1.49	20.4/10.2	3.2	2.6	0.85	0.71	0.71	0.76	0.79	0.80
1.5-70/130-4	2.00	1.49	-	4.1	3.3	-	0.83	0.82	-	0.83	0.83
2-40/180-4	1.50	1.12	18/9.5-9.0	2.4	1.9	0.72	0.72	0.72	0.68	0.79	0.78
2-45/170-4	2.00	1.49	20.4/10.2	3.2	2.6	0.72	0.71	0.71	0.76	0.79	0.80
2-60/190-4	3.00	2.24	-	4.1	3.3	-	0.83	0.82	-	0.83	0.83
2.5-35/280-4	2.00	1.49	20.4/10.2	3.2	2.6	0.85	0.71	0.71	0.76	0.79	0.80
2.5-45/360-4	3.00	2.24	-	4.1	3.3	-	0.83	0.82	-	0.83	0.83
3-35/450-4	3.00	2.24	-	4.1	3.3	-	0.83	0.82	-	0.83	0.83
3-40/300-4	3.00	2.24	-	4.1	3.3	-	0.83	0.82	-	0.83	0.83
3-60/380-4	5.00	3.73	-	14.5-14/7	5.6	-	0.81	0.83	-	0.84	0.81
4-25/700-4	3.00	2.24	-	4.1	3.3	-	0.83	0.82	-	0.83	0.83
4-55/620-4	7.50	5.59	-	23-22/11	8.8	-	0.73	0.73	-	0.84	0.84

Terminal Diagram, Motor Data Wilo-CronoLine-IL

Motor data (1750 rpm; TEFC)

Wilo-CronoLine-IL ...	Nominal power		Rated current			Power factor			Efficiency		
	P ₂		I _N 1~115/208- 230 V	I _N 3~208-230/ 460 V	I _N 3~575 V	cos φ 1~115/ 208-230 V	cos φ 1~208- 230/460 V	cos φ 1~575 V	η _M 1~115/ 208-230 V	η _M 1~208- 230/460 V	η _M 1~575/ 230 V
	[hp]	[kW]	[A]								
1.25-40/70-4	1.00	0.75	12.8/6.4	3.7-3.4/1.7	1.1	0.75	0.68	0.83	0.70	0.79	0.83
1.25-50/90-4	1.50	1.12	18/8	4.5-4.2/2.1	1.7	0.80	0.79	0.79	0.77	0.84	0.84
1.5-35/100-4	1.00	0.75	12.8/6.4	3.7-3.4/1.7	1.1	0.75	0.68	0.83	0.70	0.79	0.83
1.5-45/110-4	1.50	1.12	18/8	4.5-4.2/2.1	1.7	0.80	0.79	0.79	0.77	0.84	0.84
1.5-55/110-4	2.00	1.49	23/11.5	6.5-6.2/3.1	2.5	0.74	0.88	0.88	0.76	0.83	0.83
1.5-70/130-4	2.00	1.49	-	8.5-8.2/4.1	3.4	-	0.82	0.78	-	0.84	0.88
2-40/180-4	1.50	1.12	18/8	4.5-4.2/2.1	1.7	0.80	0.79	0.79	0.77	0.84	0.84
2-45/170-4	2.00	1.49	23/11.5	6.5-6.2/3.1	2.5	0.74	0.88	0.88	0.76	0.83	0.83
2-60/190-4	3.00	2.24	-	8.5-8.2/4.1	3.4	-	0.82	0.78	-	0.84	0.88
2.5-35/280-4	2.00	1.49	23/11.5	6.5-6.2/3.1	2.5	0.74	0.88	0.88	0.76	0.83	0.83
2.5-45/360-4	3.00	2.24	-	8.5-8.2/4.1	3.4	-	0.82	0.78	-	0.84	0.88
3-35/450-4	3.00	2.24	-	8.5-8.2/4.1	3.4	-	0.82	0.78	-	0.84	0.88
3-40/300-4.S1	3.00	2.24	-	8.5-8.2/4.1	3.4	-	0.82	0.78	-	0.84	0.88
3-60/380-4	5.00	3.73	-	15-13.2/6.6	5.2	-	0.86	0.80	-	0.85	0.88
4-25/700-4	3.00	2.24	-	8.5-8.2/4.1	3.4	-	0.82	0.78	-	0.84	0.88
4-55/620-4	7.50	5.59	-	21.4/10.7	8.2	-	0.75	0.76	-	0.88	0.90

Inline pumps

Wilo-CronoLine-IL

Terminal Diagram, Motor Data Wilo-CronoLine-IL

Motor data (3400 rpm; ODP)

Wilo-CronoLine-IL ...	Nominal power		Rated current			Power factor			Efficiency		
	P ₂		I _N 1~115/ 208-230 V	I _N 3~208-230/ 460 V	I _N 3~575 V	cos φ 1~115/ 208-230 V	cos φ 3~208- 230/460 V	cos φ 3~575 V	η _M 1~115/ 208-230 V	η _M 3~208- 230/460 V	η _M 3~575 V
	[hp]	[kW]	[A]			-			-		
1.5-120/260-2	7.50	5.59	-	19-18/9	7	-	0.91	0.94	-	0.86	0.89
1.5-130/200-2	7.50	5.59	-	19-18/9	7	-	0.91	0.94	-	0.86	0.89
1.5-150/220-2	10.00	7.46	-	25.6-23.2/11.6	9.6	-	0.92	0.92	-	0.89	0.89
1.5-150/300-2	10.00	7.46	-	25.6-23.2/11.6	9.6	-	0.92	0.92	-	0.89	0.89
1.5-210/220-2	15.00	11.19	-	35/17.5	14.5	-	0.90	0.90	-	0.90	0.85
2-80/280-2	5.00	3.73	-	5.7	4.8	-	0.95	0.94	-	0.84	0.86
2-110/280-2	7.50	5.59	-	19-18/9	7	-	0.91	0.94	-	0.86	0.89
2-130/320-2	10.00	7.46	-	25.6-23.2/11.6	9.6	-	0.92	0.92	-	0.89	0.89
2-170/380-2	15.00	11.19	-	35/17.5	14.5	-	0.90	0.90	-	0.90	0.85
2-200/350-2	20.00	14.91	-	46/23	18.4	-	0.94	0.94	-	0.88	0.84
2.5-85/480-2	10.00	7.46	-	25.6-23.2/11.6	9.6	-	0.92	0.92	-	0.89	0.89
2.5-90/370-2	7.50	5.59	-	19-18/9	7	-	0.91	0.94	-	0.86	0.89
2.5-110/410-2	10.00	7.46	-	25.6-23.2/11.6	9.6	-	0.92	0.92	-	0.89	0.89
2.5-110/570-2	15.00	11.19	-	35/17.5	14.5	-	0.90	0.90	-	0.90	0.85
2.5-140/470-2	15.00	11.19	-	35/17.5	14.5	-	0.90	0.90	-	0.90	0.85
3-80/620-2	10.00	7.46	-	25.6-23.2/11.6	9.6	-	0.92	0.92	-	0.89	0.89
3-100/660-2	15.00	11.19	-	35/17.5	14.5	-	0.90	0.90	-	0.90	0.85
3-130/650-2	20.00	14.91	-	46/23	18.4	-	0.94	0.94	-	0.88	0.84
3-220/770-2	40.00	29.83	-	46	36	-	0.92	0.91	-	0.93	0.92
4-140/1600-2	40.00	29.83	-	46	36	-	0.92	0.91	-	0.93	0.92
4-190/1000-2	50.00	37.28	-	123-116/58	45	-	0.90	0.90	-	0.91	0.93

Terminal Diagram, Motor Data Wilo-CronoLine-IL

Motor data (3400 rpm; TEFC)

Wilo-CronoLine-IL ...	Nominal power		Rated current			Power factor			Efficiency		
	P ₂		I _N 1~115/ 208-230 V	I _N 3~208-230/ 460 V	I _N 3~575 V	cos φ 1~115/ 208-230 V	cos φ 3~208- 230/460 V	cos φ 3~575 V	η _M 1~115/ 208-230 V	η _M 3~208- 230/460 V	η _M 3~575 V
	[hp]	[kW]	[A]			-			-		
1.5-120/260-2	7.50	5.59	-	18-17.2/8.6	7	-	0.88	0.94	-	0.91	0.89
1.5-130/200-2	7.50	5.59	-	18-17.2/8.6	7	-	0.88	0.94	-	0.91	0.89
1.5-150/220-2	10.00	7.46	-	25-23/11.5	9.2	-	0.91	0.92	-	0.90	0.90
1.5-150/300-2	10.00	7.46	-	25-23/11.5	9.2	-	0.91	0.92	-	0.90	0.90
1.5-210/220-2	15.00	11.19	-	37.5-34/17	13.5	-	0.92	0.92	-	0.88	0.98
2-80/280-2	5.00	3.73	-	13-12/6	4.8	-	0.95	0.94	-	0.84	0.86
2-110/280-2	7.50	5.59	-	18-17.2/8.6	7	-	0.88	0.94	-	0.91	0.89
2-130/320-2	10.00	7.46	-	25-23/11.5	9.2	-	0.91	0.92	-	0.90	0.90
2-170/380-2	15.00	11.19	-	37.5-34/17	13.5	-	0.93	0.91	-	0.87	0.91
2-200/350-2	20.00	14.91	-	50.1-46/23	18.5	-	0.92	0.90	-	0.89	0.90
2.5-85/480-2	10.00	7.46	-	25-23/11.5	9.2	-	0.91	0.92	-	0.90	0.90
2.5-90/370-2	7.50	5.59	-	18-17.2/8.6	7	-	0.88	0.94	-	0.91	0.89
2.5-110/410-2	10.00	7.46	-	25-23/11.5	9.2	-	0.91	0.92	-	0.90	0.90
2.5-110/570-2	15.00	11.19	-	37.5-34/17	13.5	-	0.93	0.91	-	0.87	0.91
2.5-140/470-2	15.00	11.19	-	37.5-34/17	13.5	-	0.93	0.91	-	0.87	0.91
3-80/620-2	10.00	7.46	-	25-23/11.5	9.2	-	0.91	0.92	-	0.90	0.90
3-100/660-2	15.00	11.19	-	37.5-34/17	13.5	-	0.93	0.91	-	0.87	0.91
3-130/650-2	20.00	14.91	-	50.1-46/23	18.5	-	0.92	0.90	-	0.89	0.90
3-220/770-2	40.00	29.83	-	90/45	36	-	0.90	0.90	-	0.92	0.92
4-140/1600-2	40.00	29.83	-	90/45	36	-	0.90	0.90	-	0.92	0.92
4-190/1000-2	50.00	37.28	-	112/56	45	-	0.90	0.90	-	0.93	0.93