

Submittal Data Sheet

Wilo-ICL Inline Centrifugal Pumps

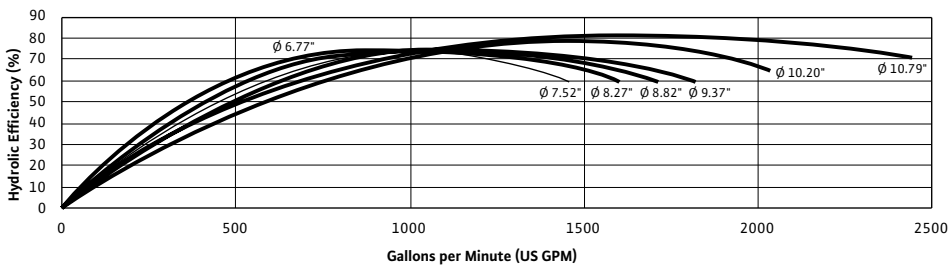
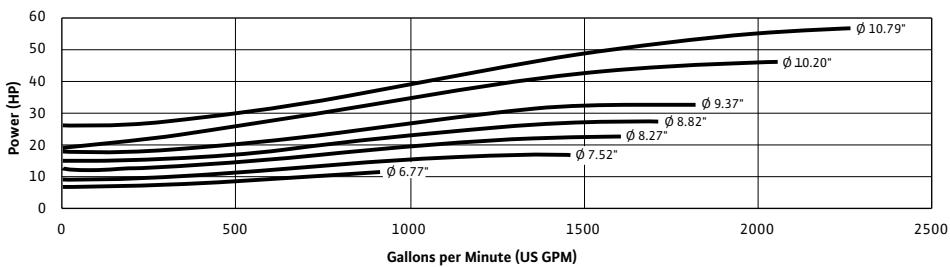
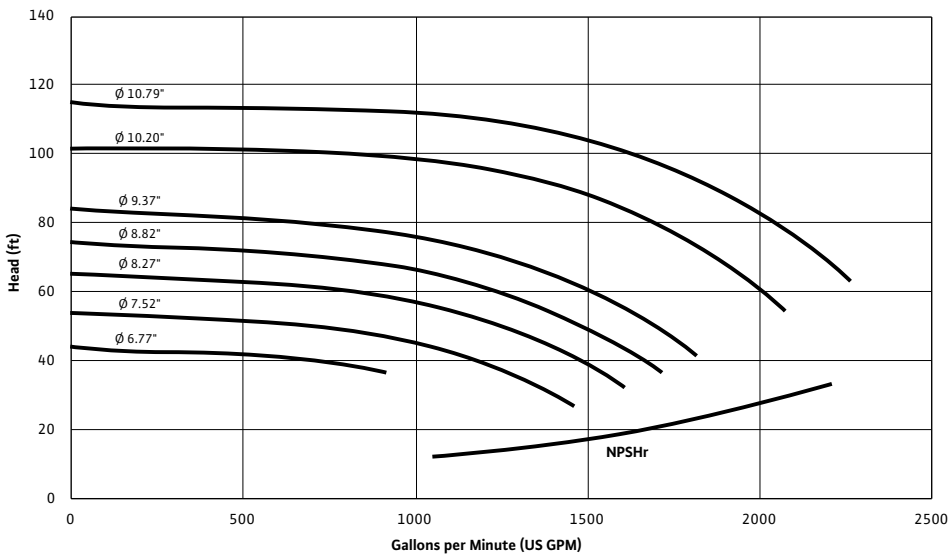


ICL 6" 125#



Project:	
Engineer:	
Contractor:	
Submitted By:	Date:
Approved By:	Date:

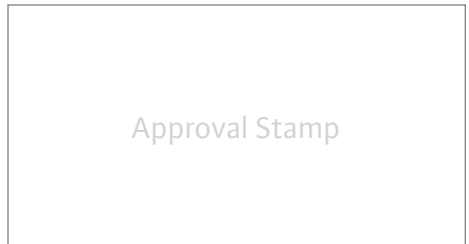
Tag #	Model #	Flow	Head	HP	Cycle	Phase	Voltage	RPM
					60 HZ	3	460	1750



Technical Data	
Temp Range:	-4 °F to 284 °F [-20 °C to +140 °C]
Power Supply	460 volt
Motor Options	TEFC, EPACT Rated
Max operating pressure:	175 psi [12 bar]

Materials of Construction	
Pump volute	CAST IRON GRADE 30 PER ASTM A48
Impeller	Bronze CC480K-GS
Shaft	Stainless Steel AISI 420
Balanced Mechanical seal	Silicon Carbide, Silicon Carbide, EPDN or Viton

Applications	
• Hot Water Heating Systems	• Industrial Circulation Systems
• Air Conditioning	• Solar Systems
• Closed Cooling Systems	• Geothermal Systems

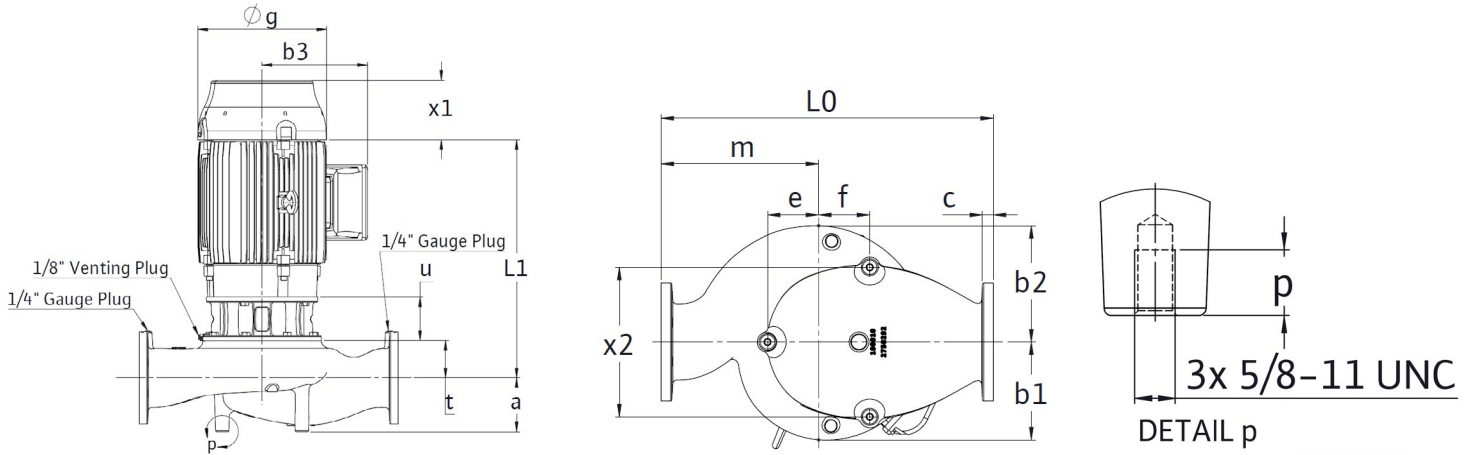


Submittal Data Sheet

Wilo-Cronoline-ILV Inline Centrifugal Pumps



Dimensions & Weights



Dimensions and Weights

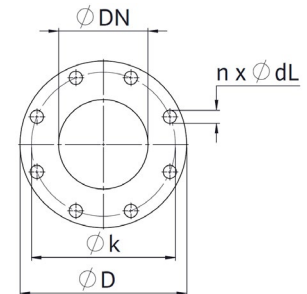
Dimensions- Inches (mm)

Weight

Model	Dia.	L0	a	b ₁	b ₂	b ₃	c	e	f	ϕg	L1	m	p	t	u	x1	x2	Weight
ICL 6X6X10.79-TEFC-4-10-215TCZ-460-CI	6	30 ^{15/16}	6 ^{7/16}	9 ^{1/16}	10 ^{13/16}	8 ^{5/8}	1	4 ^{3/4}	4 ^{3/4}	10 ^{9/16}	21 ^{1/4}	14 ^{11/16}	1	4 ^{7/16}	5 ^{1/4}	4 ^{9/16}	13 ^{15/16}	535 lbs
	6	(786)	(163)	(231)	(275)	(219)	(26)	(121)	(121)	(268)	(540)	(373)	(25)	(113)	(133)	(116)	(354)	243 kg
ICL 6X6X10.79-TEFC-4-15-256TCZ-460-CI	6	30 ^{15/16}	6 ^{7/16}	9 ^{1/16}	10 ^{13/16}	10 ^{7/16}	1	4 ^{3/4}	4 ^{3/4}	12 ^{15/16}	25 ^{1/8}	14 ^{11/16}	1	4 ^{7/16}	5 ^{1/4}	5 ^{5/8}	13 ^{15/16}	635 lbs
	6	(786)	(163)	(231)	(275)	(265)	(26)	(121)	(121)	(329)	(638)	(373)	(25)	(113)	(133)	(142)	(354)	288 kg
ICL 6X6X10.79-TEFC-4-20-256TCZ-460-CI	6	30 ^{15/16}	6 ^{7/16}	9 ^{1/16}	10 ^{13/16}	10 ^{7/16}	1	4 ^{3/4}	4 ^{3/4}	12 ^{15/16}	25 ^{1/8}	14 ^{11/16}	1	4 ^{7/16}	5 ^{1/4}	5 ^{5/8}	13 ^{15/16}	680 lbs
	6	(786)	(163)	(231)	(275)	(265)	(26)	(121)	(121)	(329)	(638)	(373)	(25)	(113)	(133)	(142)	(354)	308 kg
ICL 6X6X10.79-TEFC-4-25-286TCZ-460-CI	6	30 ^{15/16}	6 ^{7/16}	9 ^{1/16}	10 ^{13/16}	11 ^{1/16}	1	4 ^{3/4}	4 ^{3/4}	14 ^{3/16}	26 ^{11/16}	14 ^{11/16}	1	4 ^{7/16}	5 ^{1/4}	6 ^{5/16}	13 ^{15/16}	765 lbs
	6	(786)	(163)	(231)	(275)	(281)	(26)	(121)	(121)	(360)	(678)	(373)	(25)	(113)	(133)	(160)	(354)	347 kg
ICL 6X6X10.79-TEFC-4-30-286TCZ-460-CI	6	30 ^{15/16}	6 ^{7/16}	9 ^{1/16}	10 ^{13/16}	11 ^{1/16}	1	4 ^{3/4}	4 ^{3/4}	14 ^{3/16}	26 ^{11/16}	14 ^{11/16}	1	4 ^{7/16}	5 ^{1/4}	6 ^{5/16}	13 ^{15/16}	810 lbs
	6	(786)	(163)	(231)	(275)	(281)	(26)	(121)	(121)	(360)	(678)	(373)	(25)	(113)	(133)	(160)	(354)	367 kg
ICL 6X6X10.79-TEFC-4-40-326TCZ-460-CI	6	30 ^{15/16}	6 ^{7/16}	9 ^{1/16}	10 ^{13/16}	12 ^{9/16}	1	4 ^{3/4}	4 ^{3/4}	15 ^{7/16}	28 ^{7/16}	14 ^{11/16}	1	4 ^{7/16}	5 ^{1/4}	7 ^{1/8}	13 ^{15/16}	900 lbs
	6	(786)	(163)	(231)	(275)	(320)	(26)	(121)	(121)	(392)	(722)	(373)	(25)	(113)	(133)	(181)	(354)	408 kg
ICL 6X6X10.79-TEFC-4-50-326TCZ-460-CI	6	30 ^{15/16}	6 ^{7/16}	9 ^{1/16}	10 ^{13/16}	12 ^{9/16}	1	4 ^{3/4}	4 ^{3/4}	15 ^{7/16}	28 ^{7/16}	14 ^{11/16}	1	4 ^{7/16}	5 ^{1/4}	7 ^{1/8}	13 ^{15/16}	960 lbs
	6	(786)	(163)	(231)	(275)	(320)	(26)	(121)	(121)	(392)	(722)	(373)	(25)	(113)	(133)	(181)	(354)	435 kg

EC Motor Data (Single Motor Operation)

Model	P2 [HP]	Phase [-]	Voltage [V]
ICL 6X6X10.79-TEFC-4-10-215TCZ-460-CI	10	3	460
ICL 6X6X10.79-TEFC-4-15-256TCZ-460-CI	15	3	460
ICL 6X6X10.79-TEFC-4-20-256TCZ-460-CI	20	3	460
ICL 6X6X10.79-TEFC-4-25-286TCZ-460-CI	25	3	460
ICL 6X6X10.79-TEFC-4-30-286TCZ-460-CI	30	3	460
ICL 6X6X10.79-TEFC-4-40-326TCZ-460-CI	40	3	460
ICL 6X6X10.79-TEFC-4-50-326TCZ-460-CI	50	3	460



Flange Dimensions

Dimensions- Inches (mm)

DN	ϕD	ϕk	$n \times \phi dL$
6	11 (279)	9 ^{1/2} (241)	8x $\phi 7/8$ 8x (22)

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Submittal Data Sheet

Wilo-ICL Inline Centrifugal Pumps

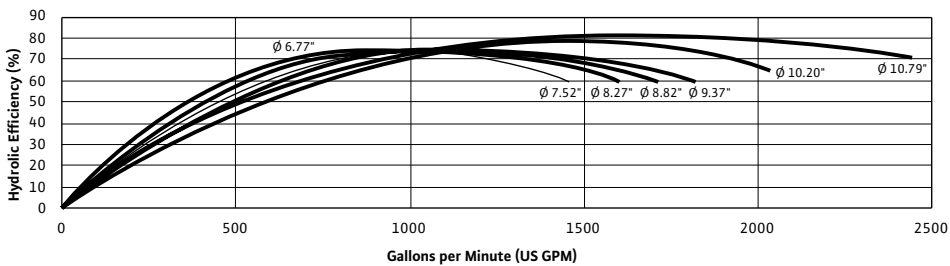
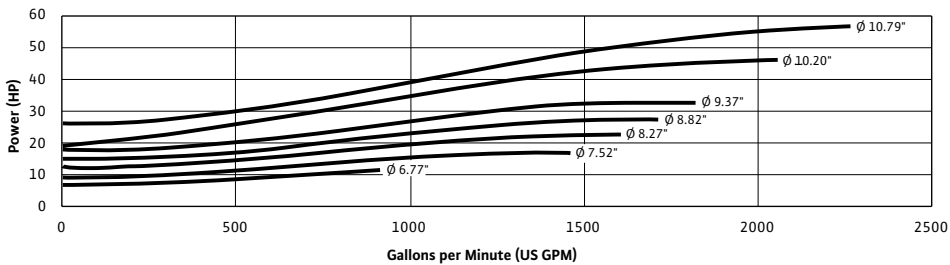
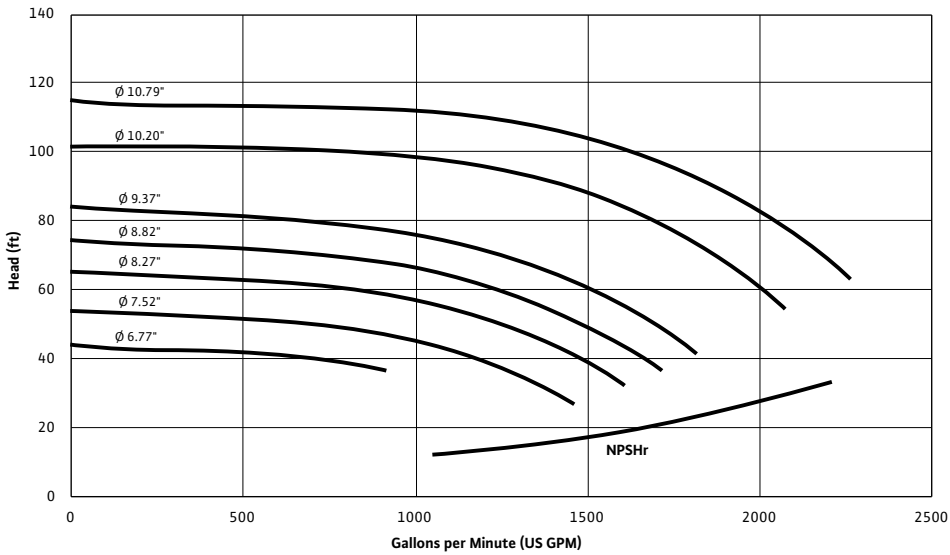


ICL 6" 250#



Project:	
Engineer:	
Contractor:	
Submitted By:	Date:
Approved By:	Date:

Tag #	Model #	Flow	Head	HP	Cycle	Phase	Voltage	RPM
					60 HZ	3	460	1750



Technical Data	
Temp Range:	-4 °F to 284 °F [-20 °C to +140 °C]
Power Supply	460 volt
Motor Options	TEFC, EPACT Rated
Max operating pressure:	363 psi [25 bar]

Materials of Construction	
Pump volute	DUCTILE IRON GRADE 65-45-12 PER ASTM A536
Impeller	Bronze CC480K-GS
Shaft	Stainless Steel AISI 420
Balanced Mechanical seal	Silicon Carbide, Silicon Carbide, Viton

Applications	
• Hot Water Heating Systems	• Industrial Circulation Systems
• Air Conditioning	• Solar Systems
• Closed Cooling Systems	• Geothermal Systems

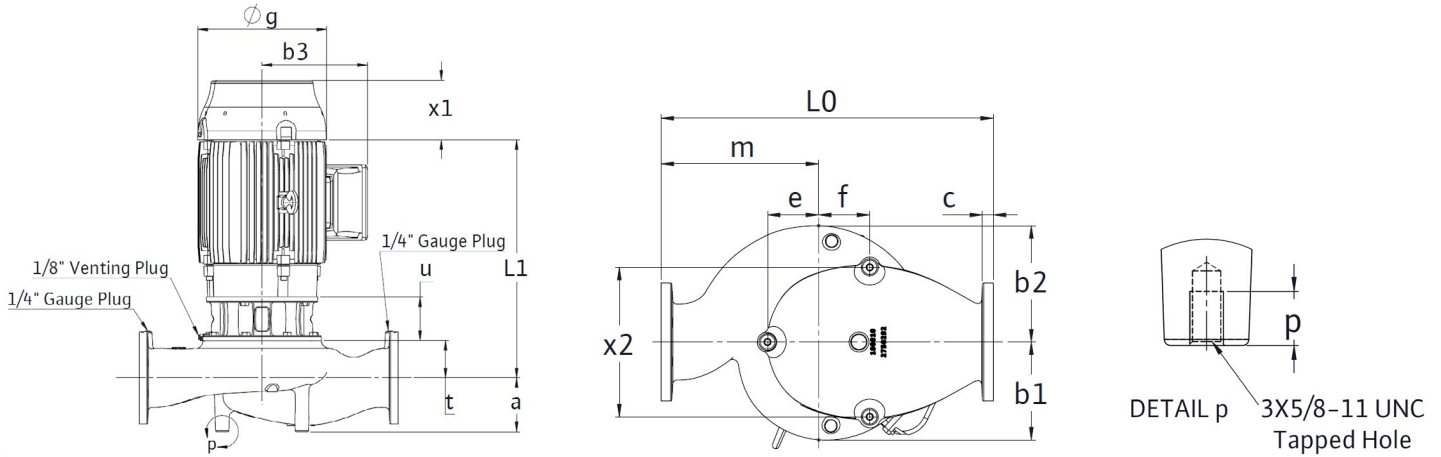
Approval Stamp

Submittal Data Sheet

Wilo-Cronoline-ILV Inline Centrifugal Pumps



ICL 6" 250# Dimensions & Weights



Dimensions and Weights

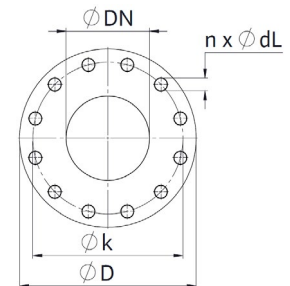
Dimensions- Inches (mm)

Weight

Model	Dia.	L0	a	b ₁	b ₂	b ₃	c	e	f	øg	L1	m	p	t	u	x1	x2	Weight
ICL 6X6X10.79-TEFC-4-10-215TCZ-460-DI	6	30 ¹⁵ / ₁₆	6 ⁷ / ₁₆	9 ¹ / ₁₆	10 ¹³ / ₁₆	8 ⁵ / ₈	1 ⁷ / ₁₆	4 ³ / ₄	4 ³ / ₄	10 ⁹ / ₁₆	21 ¹ / ₄	14 ¹¹ / ₁₆	1	4 ⁷ / ₁₆	5 ¹ / ₄	4 ⁹ / ₁₆	13 ¹⁵ / ₁₆	565 lbs
	6	(786)	(163)	(231)	(275)	(219)	(37)	(121)	(121)	(268)	(540)	(373)	(25)	(113)	(133)	(116)	(354)	256 kg
ICL 6X6X10.79-TEFC-4-15-256TCZ-460-DI	6	30 ¹⁵ / ₁₆	6 ⁷ / ₁₆	9 ¹ / ₁₆	10 ¹³ / ₁₆	10 ⁷ / ₁₆	1 ⁷ / ₁₆	4 ³ / ₄	4 ³ / ₄	12 ¹⁵ / ₁₆	25 ¹ / ₈	14 ¹¹ / ₁₆	1	4 ⁷ / ₁₆	5 ¹ / ₄	5 ⁵ / ₈	13 ¹⁵ / ₁₆	665 lbs
	6	(786)	(163)	(231)	(275)	(265)	(37)	(121)	(121)	(329)	(638)	(373)	(25)	(113)	(133)	(142)	(354)	302 kg
ICL 6X6X10.79-TEFC-4-20-256TCZ-460-DI	6	30 ¹⁵ / ₁₆	6 ⁷ / ₁₆	9 ¹ / ₁₆	10 ¹³ / ₁₆	10 ⁷ / ₁₆	1 ⁷ / ₁₆	4 ³ / ₄	4 ³ / ₄	12 ¹⁵ / ₁₆	25 ¹ / ₈	14 ¹¹ / ₁₆	1	4 ⁷ / ₁₆	5 ¹ / ₄	5 ⁵ / ₈	13 ¹⁵ / ₁₆	710 lbs
	6	(786)	(163)	(231)	(275)	(265)	(37)	(121)	(121)	(329)	(638)	(373)	(25)	(113)	(133)	(142)	(354)	322 kg
ICL 6X6X10.79-TEFC-4-25-286TCZ-460-DI	6	30 ¹⁵ / ₁₆	6 ⁷ / ₁₆	9 ¹ / ₁₆	10 ¹³ / ₁₆	11 ¹ / ₁₆	1 ⁷ / ₁₆	4 ³ / ₄	4 ³ / ₄	14 ³ / ₁₆	26 ¹¹ / ₁₆	14 ¹¹ / ₁₆	1	4 ⁷ / ₁₆	5 ¹ / ₄	6 ⁵ / ₁₆	13 ¹⁵ / ₁₆	795 lbs
	6	(786)	(163)	(231)	(275)	(281)	(37)	(121)	(121)	(360)	(678)	(373)	(25)	(113)	(133)	(160)	(354)	361 kg
ICL 6X6X10.79-TEFC-4-30-286TCZ-460-DI	6	30 ¹⁵ / ₁₆	6 ⁷ / ₁₆	9 ¹ / ₁₆	10 ¹³ / ₁₆	11 ¹ / ₁₆	1 ⁷ / ₁₆	4 ³ / ₄	4 ³ / ₄	14 ³ / ₁₆	26 ¹¹ / ₁₆	14 ¹¹ / ₁₆	1	4 ⁷ / ₁₆	5 ¹ / ₄	6 ⁵ / ₁₆	13 ¹⁵ / ₁₆	840 lbs
	6	(786)	(163)	(231)	(275)	(281)	(37)	(121)	(121)	(360)	(678)	(373)	(25)	(113)	(133)	(160)	(354)	381 kg
ICL 6X6X10.79-TEFC-4-40-326TCZ-460-DI	6	30 ¹⁵ / ₁₆	6 ⁷ / ₁₆	9 ¹ / ₁₆	10 ¹³ / ₁₆	12 ⁹ / ₁₆	1 ⁷ / ₁₆	4 ³ / ₄	4 ³ / ₄	15 ⁷ / ₁₆	28 ⁷ / ₁₆	14 ¹¹ / ₁₆	1	4 ⁷ / ₁₆	5 ¹ / ₄	7 ¹ / ₈	13 ¹⁵ / ₁₆	930 lbs
	6	(786)	(163)	(231)	(275)	(320)	(37)	(121)	(121)	(392)	(722)	(373)	(25)	(113)	(133)	(181)	(354)	422 kg
ICL 6X6X10.79-TEFC-4-50-326TCZ-460-DI	6	30 ¹⁵ / ₁₆	6 ⁷ / ₁₆	9 ¹ / ₁₆	10 ¹³ / ₁₆	12 ⁹ / ₁₆	1 ⁷ / ₁₆	4 ³ / ₄	4 ³ / ₄	15 ⁷ / ₁₆	28 ⁷ / ₁₆	14 ¹¹ / ₁₆	1	4 ⁷ / ₁₆	5 ¹ / ₄	7 ¹ / ₈	13 ¹⁵ / ₁₆	995 lbs
	6	(786)	(163)	(231)	(275)	(320)	(37)	(121)	(121)	(392)	(722)	(373)	(25)	(113)	(133)	(181)	(354)	451 kg

EC Motor Data (Single Motor Operation)

Model	P2	Phase	Voltage
	[HP]	[-]	[V]
ICL 6X6X10.79-TEFC-4-10-215TCZ-460-DI	10	3	460
ICL 6X6X10.79-TEFC-4-15-256TCZ-460-DI	15	3	460
ICL 6X6X10.79-TEFC-4-20-256TCZ-460-DI	20	3	460
ICL 6X6X10.79-TEFC-4-25-286TCZ-460-DI	25	3	460
ICL 6X6X10.79-TEFC-4-30-286TCZ-460-DI	30	3	460
ICL 6X6X10.79-TEFC-4-40-326TCZ-460-DI	40	3	460
ICL 6X6X10.79-TEFC-4-50-326TCZ-460-DI	50	3	460



Flange Dimensions

Dimensions- Inches (mm)

DN	øD	øk	nx ødL
6	12 ¹ / ₂ (279)	10 ⁵ / ₈ (270)	12x ø ⁷ / ₈ 12x (22)

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