

# WILO IL-E100/6-29BF PUMP

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**PRODUCT NO.: 20129**

**Serial no.:** 20774706/0003

**Brand:** Wilo

**kW:** 20.2

**Pump Type:** Water

**Electric or diesel:** EL

**CFM:** 240 m<sup>3</sup>/h

## Description

Wilo IL-E100/6-29BF - Art.-No. 2089714/1103 - 3-400V/50Hz/31.3A - 3-380V/60Hz/A - p1 20.2 kW - n/min 750 min - n/max 2960 min - max 240 m<sup>3</sup>/H - max lifting height 28 m.

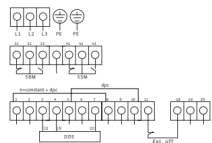
## Gallery

Energy-saving pumps  
Single-head pumps in-line



Terminal Diagrams, Motor Data Wilo-CronoLine-IL-E... BF

Terminal diagram



Switch rating of the interference contacts for the collective Run and Fault signal:  
Minimum 12 V DC / 10 mA, max. 250 V AC / 3 A.  
12, 12.1, 13, RE: Main connection 3~400 V / 50 Hz / 3~380 V / 60 Hz 5SM  
Potential-free collective fault signal (Interposer contact in accordance with VDI 3834, Function of Wilo-TOP-Control)  
SBM: Potential-free collective run signal (Interposer contact in accordance with VDI 3834, Function of Wilo-TOP-Control)

Motor data

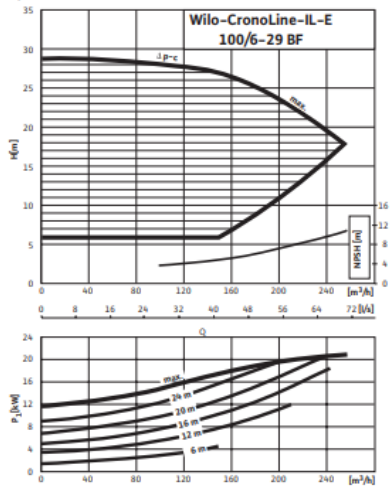
Wilo-CronoLine-IL-E...BF	Nominal power $P_2$ [kW]	Rotational speed $n$ [rpm]	Power consumption $P_1$ [kW]	Current $I_{max}$ [A]
65/B-40	11.0	1180-2940	12.9	22.6
80/B-31	11.0	1180-2940	12.9	22.6
80/B-40	15.0	1180-2945	17.3	28.0
80/B-42	18.5	1180-2945	21.2	34.9
80/B-44	22.0	1180-2945	25.1	43.2
100/S-21	11.0	1180-2940	12.9	22.6
100/S-26	15.0	1180-2945	17.3	28.0
100/S-29	18.5	1180-2945	21.2	34.9
100/S-33	22.0	1180-2945	25.1	43.2

Three-phase motor (DIN 2) - 3~400 V, 50/60 Hz / 3~380 V, 60 Hz  
Note motor type label data!



Wilo-IL-E 100 / 6-29 BF

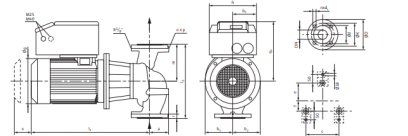
$\Delta p$ -c (constant)



Energy-saving pumps  
Single-head pumps in-line

Dimensions, Weights Wilo-CronoLine-IL-E... BF

Dimension drawing



Wilo-CronoLine-IL-E...BF	Nominal diameter DN	Dimensions											Weight approximate [kg]				
		$h_1$	$h_2$	$h_3$	$c$	$f$	$h$	$\phi_1$	$\phi_2$	$\phi_3$	$\phi_4$	$\phi_5$					
65/B-40	65	130	120	140	190	190	60	387	312	820	235	M12	20	394	24	220	158
80/B-31	80	140	130	150	200	175	72	387	312	807	200	M12	20	394	24	220	167
80/B-40	80	140	130	150	200	175	72	387	312	807	200	M12	20	394	24	220	184
80/B-42	80	150	145	165	220	208	62	417	312	884	230	M12	20	399	24	220	263
80/B-44	80	150	145	165	220	208	62	417	312	924	230	M12	20	399	24	220	292
100/S-21	100	150	145	165	220	228	60	387	312	842	250	M12	20	394	24	135	182
100/S-26	100	150	145	165	220	228	60	387	312	842	250	M12	20	394	24	135	218
100/S-29	100	150	145	165	220	228	60	417	312	842	250	M12	20	399	24	135	263
100/S-33	100	150	145	165	220	228	60	417	312	957	250	M12	20	399	24	135	292

Flange dimensions

Wilo-CronoLine-IL-E...BF	Nominal diameter DN	Pump flange dimensions			
		$\phi D$	$\phi 4$	$\phi k$	$n \times d$ [St. x mm]
65...BF	65	185	118	145	4 x 20
80...BF	80	200	132	160	4 x 20
100...BF	100	220	156	180	8 x 19

Flange dimensions pump - in accordance with EN 1092-2 PN 16, n = number of drill holes.