

# Wilo IL-E100/6-29BF Pump

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**PRODUCT NO.: 20128**

**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.

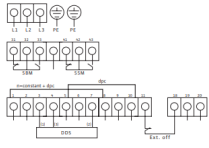
## Gallery

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.  
1.2, 2.2, 3.3, RE: Main connection 3~400 V / 50 Hz / 3~380 V / 60 Hz  
SSM: Potential-free collective fault signal  
Interchange contact in accordance with VDI 3834, Function of: Wilo-TOP-Control)  
SBM: Potential-free collective run signal  
Interchange contact in accordance with VDI 3834, Function of: Wilo-TOP-Control)

Motor data

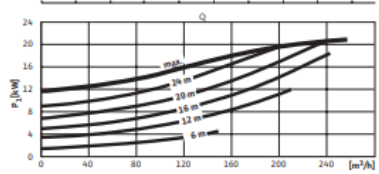
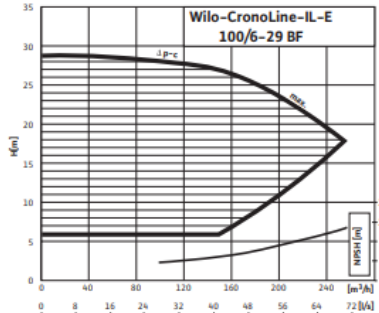
Wilo-CronoLine-IL-E... BF	Nominal power P <sub>N</sub> [kW]	Rotational speed n [rpm]	Power consumption P <sub>1</sub> [kW]	Current I <sub>N</sub> [A]
65/8-40	11.0	1180-2940	12.9	22.6
80/8-31	11.0	1180-2940	12.9	22.6
80/8-40	15.0	1180-2945	17.3	28.0
80/8-42	18.5	1180-2945	21.2	34.9
80/8-44	22.0	1180-2945	25.1	43.2
100/5-21	11.0	1180-2940	12.9	22.6
100/5-26	15.0	1180-2945	17.3	28.0
100/6-29	18.5	1180-2945	21.2	34.9
100/8-33	22.0	1180-2945	25.1	43.2

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



Wilo-IL-E 100 / 6-29 BF

Δp-c (constant)

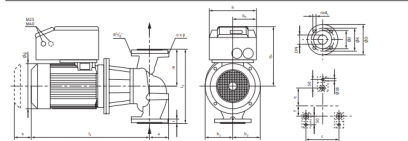


Energy-saving pumps

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 <sub>1</sub>	h <sub>2</sub>	h <sub>3</sub>	c	f	h	g	h <sub>4</sub>	h <sub>5</sub>	h <sub>6</sub>	h <sub>7</sub>	h <sub>8</sub>	h <sub>9</sub>	h <sub>10</sub>	h <sub>11</sub>			
65/8-40	65	430	110	120	140	190	180	195	60	387	312	820	235	M12	20	394	24	220	158
80/8-31	80	440	120	130	150	190	180	175	72	387	312	807	200	M12	20	394	24	220	147
80/8-40	80	440	120	130	150	190	180	175	72	387	312	807	200	M12	20	394	24	220	184
80/8-42	80	500	145	157	182	224	220	208	62	417	312	884	230	M12	20	399	24	220	263
80/8-48	80	500	145	157	182	224	220	208	62	417	312	924	230	M12	20	399	24	220	292
100/5-21	100	500	120	116	107	190	200	228	60	387	312	842	250	M12	20	394	24	135	182
100/5-26	100	500	120	116	107	190	200	228	60	387	312	842	250	M12	20	394	24	135	218
100/6-29	100	500	120	116	107	190	200	228	60	417	312	842	250	M12	20	399	24	135	263
100/8-33	100	500	120	116	107	190	200	228	60	417	312	957	250	M12	20	399	24	135	292

Wilo-CronoLine-IL-E... BF	Nominal diameter DN	Pump flange dimensions			
		Ø D	Ø 4	Ø k	n x L [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