

Ego 2 slim



Single and twin flanged electronic circulators in cast iron

Electronically-controlled circulators with permanent magnet rotors. Ego circulators differ from standard, fixed-speed pumps due to their capability for continuous adjustment based on the actual demands of the system; this feature allows you to make considerable savings in electricity, as well as guarantee reduced noise levels. Suitable for hot and cold water circulation in general, air-conditioning plants, industrial, domestic and central heating systems, constant and variable flow systems where work point optimization is required.



Technical data

Max. pressure 10 bar

Liquid temperature (clear water) -10 ÷ +110°C

Ambient temperature 0 ÷ +40°C

Min. suction pressure
 - 0,05 bar at 50°C
 - 0,8 bar at 80°C
 - 1,4 bar at 110°C

Insulation class F

Protection degree IP44

Voltage Single phase 1~230V

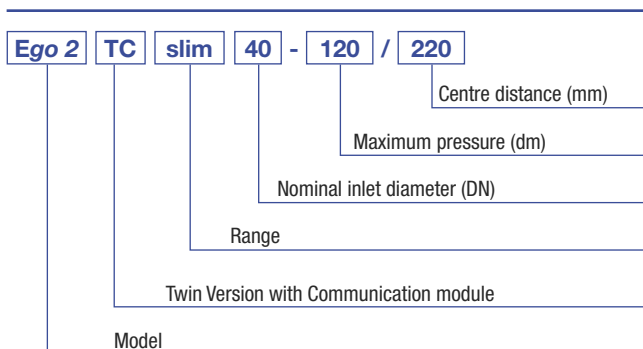
The pump does not have an internal motor protector, therefore overload protection must be provided by the user.

- AISI 316**
AISI 316 rotor shirt without welding points
- Bronze version for sanitary water available
- Practical and easy to use
- High efficiency
- Insulation casing included
- SSR module included

Materials

Pump body	Cast iron with cataphoresis coating
Impeller	Technopolymer
Shaft	AISI 316 (EN 1.4401) stainless steel
Rotor can	AISI 316 (EN 1.4401) stainless steel

Identification code

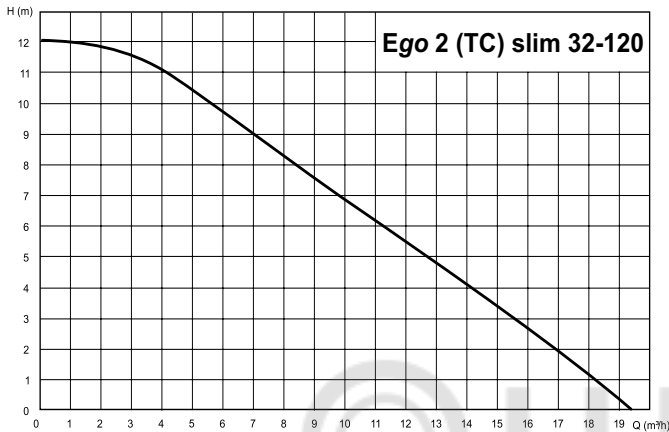


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Ego 2 (TC) slim 32-120



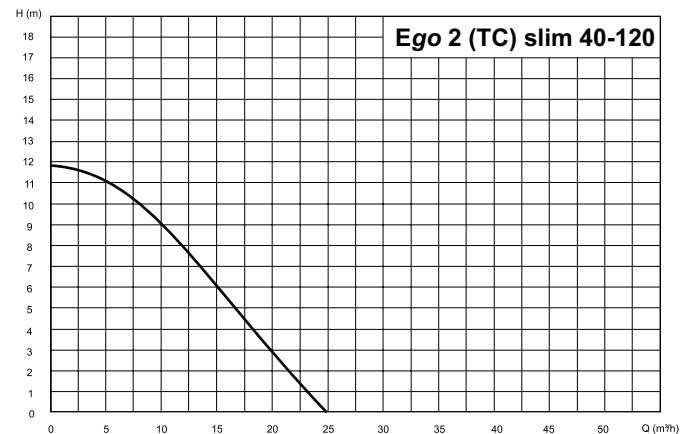
Ego 2 (TC) slim 40-40



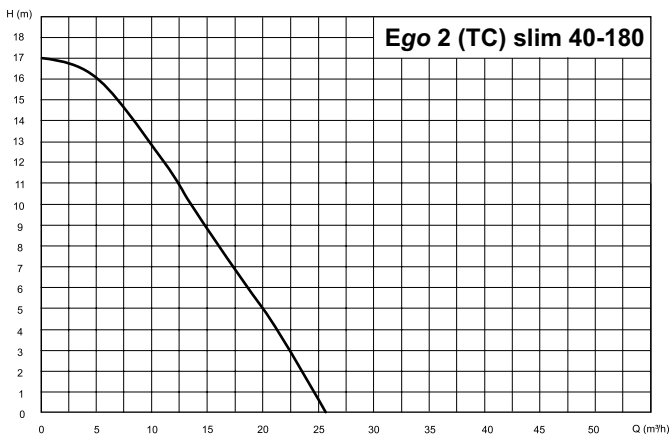
Ego 2 (TC) slim 40-80



Ego 2 (TC) slim 40-120



Ego 2 (TC) slim 40-180



Ego 2 (TC) slim 50-40

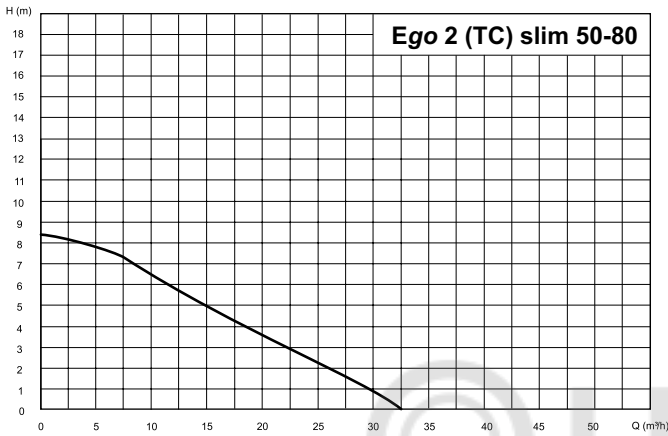


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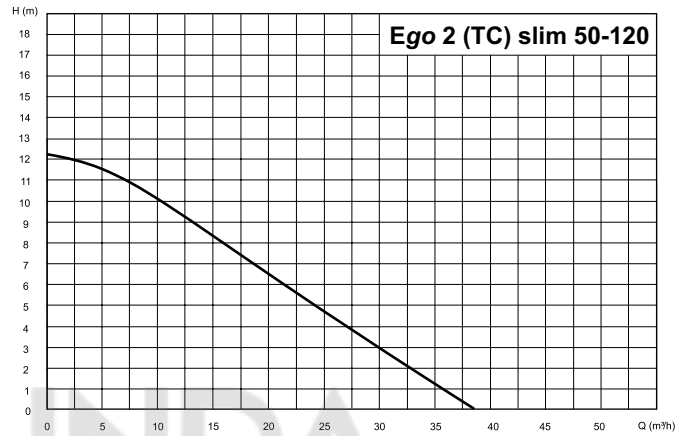
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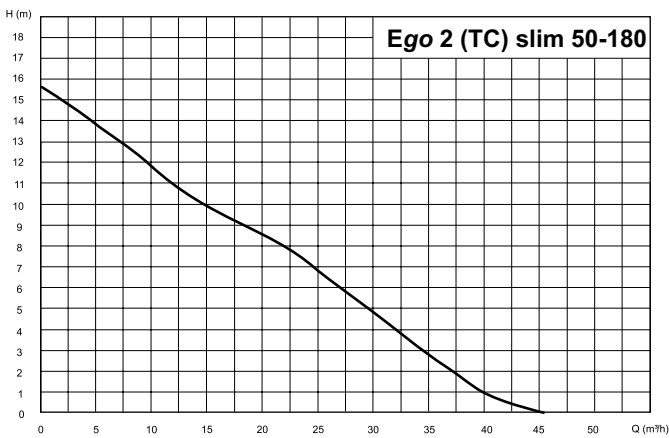
Ego 2 (TC) slim 50-80



Ego 2 (TC) slim 50-120



Ego 2 (TC) slim 50-180



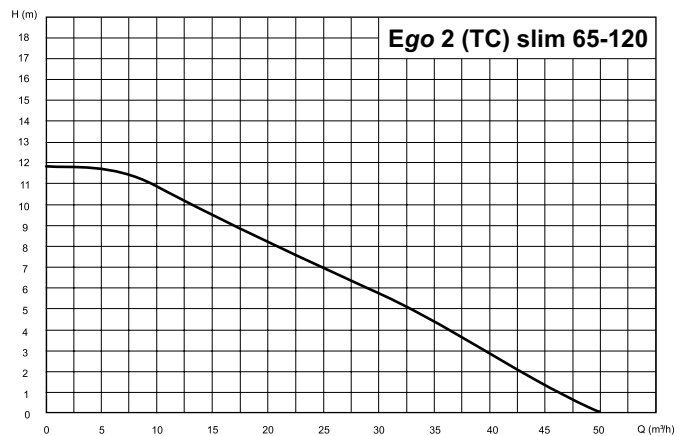
Ego 2 (TC) slim 65-40



Ego 2 (TC) slim 65-80



Ego 2 (TC) slim 65-120



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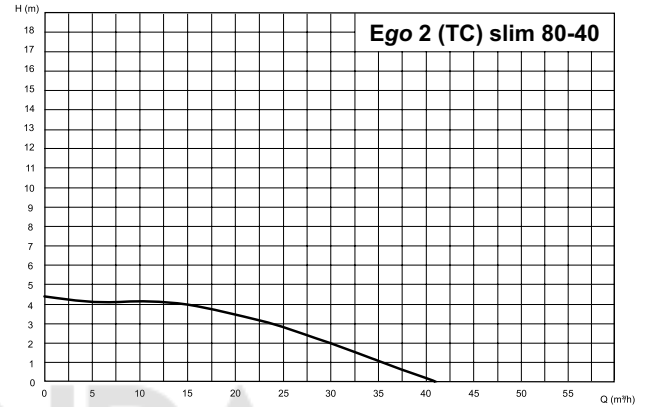
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Ego 2 (TC) slim 65-180



Ego 2 (TC) slim 80-40



Ego 2 (TC) slim 80-80



Ego 2 (TC) slim 80-120



Ego 2 (TC) slim 80-180



Ego 2 (TC) slim 100-80



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Ego 2 (TC) slim 100-120



Ego 2 (TC) slim 100-180



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Selection table

Model	Q=Flow rate													
	l/min	0	100	200	300	400	500	600	700	800	900	1000	1100	1200
	m ³ /h	0	6	12	18	24	30	36	42	48	54	60	66	72
H=Total head [m]														
Ego 2 (TC) slim 32-120		12	9,6	6,6	3,0	-	-	-	-	-	-	-	-	-
Ego 2 (TC) slim 40-40/220		4,4	3,5	1,2	-	-	-	-	-	-	-	-	-	-
Ego 2 (TC) slim 40-40/250		4,4	3,5	1,2	-	-	-	-	-	-	-	-	-	-
Ego 2 (TC) slim 40-80/220		8,1	7,4	5,1	1,2	-	-	-	-	-	-	-	-	-
Ego 2 (TC) slim 40-80/250		8,1	7,4	5,1	1,2	-	-	-	-	-	-	-	-	-
Ego 2 (TC) slim 40-120		12,0	11,0	8,6	4,6	0,3	-	-	-	-	-	-	-	-
Ego 2 (TC) slim 40-180		16,0	15,0	13,0	8,0	2,8	1,4	-	-	-	-	-	-	-
Ego 2 (TC) slim 50-40		4,2	3,3	2,4	1,3	0,2	-	-	-	-	-	-	-	-
Ego 2 (TC) slim 50-80		8,0	7,0	6,0	4,7	3,1	1,4	-	-	-	-	-	-	-
Ego 2 (TC) slim 50-120		12,0	10,0	8,7	6,7	5,1	3,1	0,8	-	-	-	-	-	-
Ego 2 (TC) slim 50-180		16,0	14,0	12,0	9,6	7,3	5,0	2,9	0,6	-	-	-	-	-
Ego 2 (TC) slim 65-40		4,2	3,9	3,2	2,6	1,5	0,3	-	-	-	-	-	-	-
Ego 2 (TC) slim 65-80		8,2	7,5	6,9	6,1	5,2	4,0	2,4	0,9	-	-	-	-	-
Ego 2 (TC) slim 65-120		12,0	11,0	9,8	8,6	7,2	5,8	4,3	2,5	0,7	-	-	-	-
Ego 2 (TC) slim 65-180		18,8	18,2	17,0	15,2	14,0	11,5	9,7	7,2	4,8	2,0	-	-	-
Ego 2 (TC) slim 80-40		4,4	4,4	4	3,7	3	2,1	1,1	-	-	-	-	-	-
Ego 2 (TC) slim 80-80		8,4	8,2	7,7	7,3	6,6	5,7	4,7	3,5	2,0	-	-	-	-
Ego 2 (TC) slim 80/120		12,6	12,5	12,1	11,8	11,0	10,0	8,9	7,2	5,7	4,0	2,2	0,9	-
Ego 2 (TC) slim 80/180		18,9	18,2	17,0	15,3	13,0	11,9	9,9	8,2	6,5	4,8	3,1	1,6	0,5
Ego 2 (TC) slim 100/80		8,6	9,0	9,0	8,9	8,4	7,8	6,7	5,5	4,2	3,0	1,8	-	-
Ego 2 (TC) slim 100/120		12,7	12,9	12,8	12,2	12,0	11,0	9,8	8,2	6,8	5,0	3,2	1,6	0,3
Ego 2 (TC) slim 100/180		18,9	18,0	17,0	15,2	13,0	11,9	10,0	8,1	6,6	4,8	3,2	1,6	0,3

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Single version - Single phase 230V

Model	Code	EEI (energy efficiency index)	Interaxle [mm]	Pipe connection	P ₁ max [W]	Weight [kg]
Ego 2 slim 32-120	1576000250	≤ 0,20	220	DN32	370	9,1
Ego 2 slim 40-40/220	1576000251	≤ 0,20	220	DN40	110	7,75
Ego 2 slim 40-40/250	1576000252	≤ 0,20	250	DN40	110	8,2
Ego 2 slim 40-80/220	1576000253	≤ 0,20	220	DN40	270	9,15
Ego 2 slim 40-80/250	1576000254	≤ 0,20	250	DN40	270	9,6
Ego 2 slim 40-120	1576000255	≤ 0,20	250	DN40	480	9,95
Ego 2 slim 40-180	1576000256	≤ 0,20	250	DN40	680	14,2
Ego 2 slim 50-40	1576000257	≤ 0,20	280	DN50	160	10,8
Ego 2 slim 50-80	1576000258	≤ 0,20	280	DN50	370	12,35
Ego 2 slim 50-120	1576000259	≤ 0,20	280	DN50	560	13
Ego 2 slim 50-180	1576000260	≤ 0,20	280	DN50	830	15,9
Ego 2 slim 65-40	1576000261	≤ 0,20	340	DN65	230	15,95
Ego 2 slim 65-80	1576000262	≤ 0,20	340	DN65	560	16,65
Ego 2 slim 65-120	1576000263	≤ 0,20	340	DN65	810	19,3
Ego 2 slim 65/180	1576000264	≤ 0,20	340	DN65	1550	24
Ego 2 slim 80-40	1576000265	≤ 0,20	360	DN80	390	23,4
Ego 2 slim 80-80	1576000266	≤ 0,20	360	DN80	800	25,85
Ego 2 slim 80/120	1576000267	≤ 0,20	360	DN80	1380	30
Ego 2 slim 80/180	1576000268	≤ 0,20	360	DN80	1550	30
Ego 2 slim 100/80	1576000269	≤ 0,20	450	DN100	1100	35,5
Ego 2 slim 100/120	1576000270	≤ 0,20	450	DN100	1550	35,5
Ego 2 slim 100/180	1576000271	≤ 0,20	450	DN100	1550	35,5

Twin version - Single phase 230V

Model	Code	EEI (energy efficiency index)	Interaxle [mm]	Pipe connection	P ₁ max [W]	Weight [kg]
Ego 2 TC slim 32-120	1576000272	≤ 0,20	220	DN32	370	20,6
Ego 2 TC slim 40-40/220	1576000273	≤ 0,20	220	DN40	2X1100	14
Ego 2 TC slim 40-40/250	1576000274	≤ 0,20	250	DN40	2X1100	14,75
Ego 2 TC slim 40-80/220	1576000275	≤ 0,20	220	DN40	2x270	16,5
Ego 2 TC slim 40-80/250	1576000276	≤ 0,20	250	DN40	2x270	16,7
Ego 2 TC slim 40-120	1576000277	≤ 0,20	250	DN40	2x480	16,85
Ego 2 TC slim 40-180	1576000278	≤ 0,20	250	DN40	2x680	25
Ego 2 TC slim 50-40	1576000279	≤ 0,20	280	DN50	2x230	20,06
Ego 2 TC slim 50-80	1576000280	≤ 0,20	280	DN50	2x370	22,88
Ego 2 TC slim 50-120	1576000281	≤ 0,20	280	DN50	2x560	24,05
Ego 2 TC slim 50-180	1576000282	≤ 0,20	280	DN50	2x830	29,3
Ego 2 TC slim 65-40	1576000283	≤ 0,20	340	DN65	2x230	32,65
Ego 2 TC slim 65-80	1576000284	≤ 0,20	340	DN65	2x560	33,2
Ego 2 TC slim 65-120	1576000285	≤ 0,20	340	DN65	2x810	38,9
Ego 2 TC slim 65/180	1576000286	≤ 0,20	340	DN65	2X1550	47,5
Ego 2 TC slim 80-40	1576000287	≤ 0,20	360	DN80	2x390	43
Ego 2 TC slim 80-80	1576000288	≤ 0,20	360	DN80	2x800	48,9
Ego 2 TC slim 80/120	1576000289	≤ 0,20	360	DN 80	2X1380	55,7
Ego 2 TC slim 80/180	1576000290	≤ 0,20	360	DN80	2X1550	55,7
Ego 2 TC slim 100/80	1576000291	≤ 0,20	450	DN100	2X1100	59
Ego 2 TC slim 100/120	1576000292	≤ 0,20	450	DN100	2X1550	59
Ego 2 TC slim 100/180	1576000293	≤ 0,20	450	DN100	2X1550	59