

Ego slim



Single and twin flanged electronic circulators in cast iron

Electrically-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.



AISI 316 rotor shirt without welding points



Bronze version for sanitary water available



Practical and easy to use



High efficiency

Materials

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

Technical data

Max. pressure 10 bar

Liquid temperature $-10 \div +110^{\circ}\text{C}$

Ambient temperature $0 \div +40^{\circ}\text{C}$

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 230V

Accessories



Counterflanges kit

Page 389 - Galvanized counterflanges kit



Blind flanges

Page 389 - Blind flange for Ego TC



Nozzles

Page 390 - Cast iron/steel/brass nozzles
 Pair of nozzles and related fittings



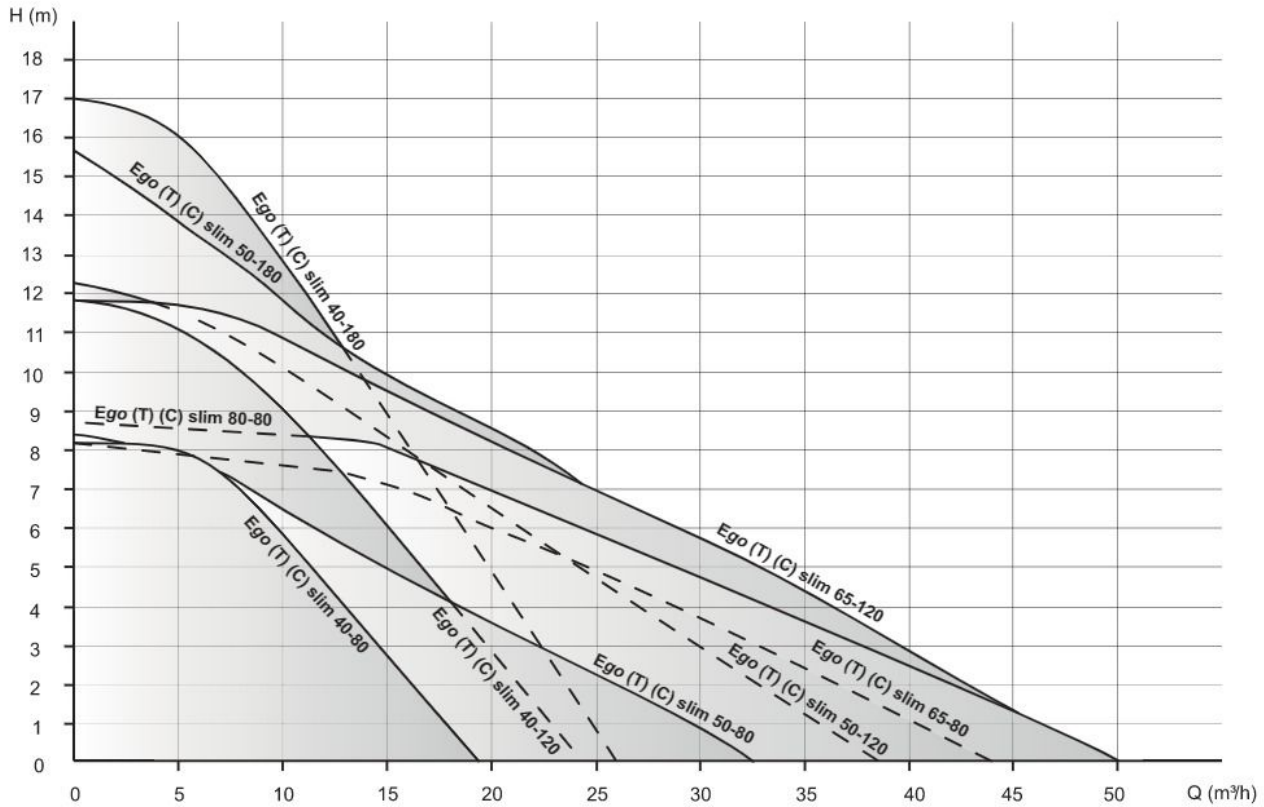
Communication module

Page 389 - Communication C Module

Ego slim



Single and twin flanged electronic circulators in cast iron



Selection table

Model	Q=Flow rate												
	l/min	41,7	83,3	166,7	250	333,3	416,7	500	583,3	666,7	700	783,3	
	m³/h	2,50	5,00	10,00	15,00	20,00	25,00	30,00	35,00	40,00	42,00	47,00	
		H=Total head [m]											
Ego slim 40-80/220		8,3	8,0	5,8	2,7	-	-	-	-	-	-	-	
Ego slim 40-80/250		8,3	8,0	5,8	2,7	-	-	-	-	-	-	-	
Ego slim 40-120		11,6	11,2	10,0	6,5	2,7	-	-	-	-	-	-	
Ego slim 40-180		16,9	16,0	13,0	9,0	5,0	0,5	-	-	-	-	-	
Ego slim 50-80		8,1	7,8	6,4	5,0	3,6	2,2	0,8	-	-	-	-	
Ego slim 50-120		12,0	11,4	9,5	7,9	6,0	4,4	3,0	1,1	-	-	-	
Ego slim 50-180		15,0	14,0	12,0	10,0	8,7	7,0	4,9	2,8	1,1	0,3	-	
Ego slim 65-80		8,0	7,8	7,8	7,0	6,0	5,0	3,6	2,5	1,0	0,6	-	
Ego slim 65-120		11,9	11,7	10,9	9,5	8,3	7,0	5,7	4,3	3,0	1,2	0,5	
Ego slim 80-80		8,5	8,5	8,3	8,0	7,0	6,0	4,8	3,7	2,5	1,3	0,8	
Ego TC slim 40-80/220		8,3	8,0	5,8	2,7	-	-	-	-	-	-	-	
Ego TC slim 40-80/250		8,3	8,0	5,8	2,7	-	-	-	-	-	-	-	
Ego TC slim 40-120		11,6	11,2	10,0	6,5	2,7	-	-	-	-	-	-	
Ego TC slim 40-180		16,9	16,0	13,0	9,0	5,0	0,5	-	-	-	-	-	
Ego TC slim 50-80		8,1	7,8	6,4	5,0	3,6	2,2	0,8	-	-	-	-	
Ego TC slim 50-120		12,0	11,4	9,5	7,9	6,0	4,4	3,0	1,1	-	-	-	
Ego TC slim 50-180		15,0	14,0	12,0	10,0	8,7	7,0	4,9	2,8	1,1	0,3	-	
Ego TC slim 65-80		8,0	7,8	7,8	7,0	6,0	5,0	3,6	2,5	1,0	0,6	-	
Ego TC slim 65-120		11,9	11,7	10,9	9,5	8,3	7,0	5,7	4,3	3,0	1,2	0,5	
Ego TC slim 80-80		8,5	8,5	8,3	8,0	7,0	6,0	4,8	3,7	2,5	1,3	0,8	

Ego slim

Ego slim



Single and twin flanged electronic circulators in cast iron

Single version - Single phase 230V

Model	Code	P ₁ max [W]	I max [A] 1~ 230V	EEl (energy efficiency index)	Interaxle spacing [mm]	Connections	Weight [kg]
Ego slim 40-80/220	1576000120	270	1,2	≤0,21	220	DN40	9,6
Ego slim 40-80/250	1576000136	270	1,2	≤0,21	250	DN40	9,6
Ego slim 40-120	1576000015A	480	2,3	≤0,21	250	DN40	12,5
Ego slim 40-180	1576000121	680	2,9	≤0,23	250	DN40	13,5
Ego slim 50-80	1576000122	370	1,7	≤0,22	280	DN50	12,5
Ego slim 50-120	1576000017A	560	2,5	≤0,21	280	DN50	16,0
Ego slim 50-180	1576000123	800	3,7	≤0,20	280	DN50	16,0
Ego slim 65-80	1576000124	560	2,5	≤0,22	340	DN65	16,4
Ego slim 65-120	1576000125	800	3,7	≤0,20	340	DN65	19,3
Ego slim 80-80	1576000126	800	3,7	≤0,20	360	DN80	26,0

Twin version - Single phase 230V

Model	Code	P ₁ max [W]	I max [A] 1~ 230V	EEl (energy efficiency index)	Interaxle spacing [mm]	Connections	Weight [kg]
Ego TC slim 40-80/220	1576000137	480	2,3	≤0,21	250	DN40	23
Ego TC slim 40-80/250	1576000127	680	2,9	≤0,21	250	DN40	25,5
Ego TC slim 40-120	1576000021A	370	1,7	≤0,21	280	DN40	23
Ego TC slim 40-180	1576000128	560	2,5	≤0,23	280	DN40	33
Ego TC slim 50-80	1576000129	800	3,7	≤0,22	280	DN50	35
Ego TC slim 50-120	1576000022A	560	2,5	≤0,21	340	DN50	33
Ego TC slim 50-180	1576000130	800	3,7	≤0,20	340	DN50	41
Ego TC slim 65-80	1576000131	1500	6,7	≤0,22	340	DN65	73
Ego TC slim 65-120	1576000132	800	3,7	≤0,20	360	DN65	47
Ego TC slim 80-80	1576000133	1600	7,3	≤0,20	360	DN80	76