



TLC Series

In-line wet rotor circulators for residential systems, fixed speed with manual adjustment.

SPECIFICATIONS

Delivery: up to 4 m³/h

Head: up to 7 m

Power supply: single-phase 50 Hz

Maximum power: 35 W to 89 W

Maximum operating pressure:

10 bar

Temperature of pumped liquid:

+2°C to +110°C

Insulation class: H

Protection: IP44

MATERIALS

Pump body: Cast iron cathodetically coated

Impeller: Composite material

Shaft: Ceramic

Lower sleeve: Stainless steel

Wear Ring: Ceramic

Bearings: Ceramic

Elastomers: EPDM

APPLICATIONS

- Water circulation in heating and air-conditioning systems
- Pumping of chemically and mechanically non-aggressive hot or cold water



For a complete list of technical information, consult www.lowara.com

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General Catalogue

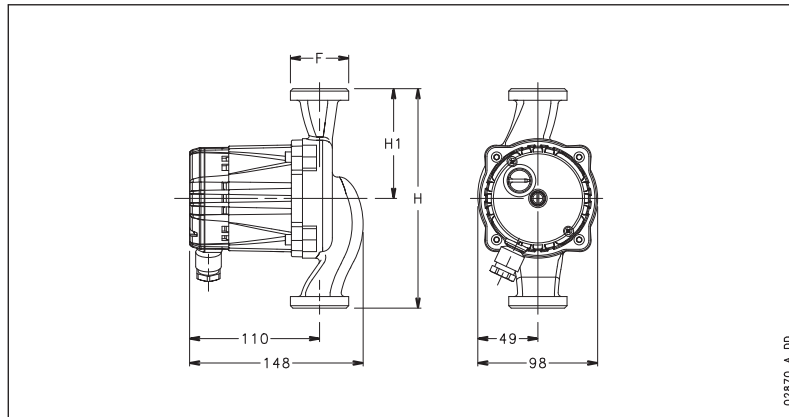
TLC SERIES – HYDRAULIC PERFORMANCE TABLE

PUMP TYPE	ABSORBED POWER W	NOMINAL INTENSITY A	CAPACITOR		SPEED min ⁻¹	Q = DELIVERY								
						10	20	28	33	40	47	53	64	
						0,6	1,2	1,7	2,0	2,4	2,8	3,2	3,9	
230V 50Hz			μF	V		H = TOTAL HEAD METRES COLUMN OF WATER								
TLC 15-2.5	27	0,12	1,5	400	1	2,1	2,0	1,5	1,1	0,8				
TLC 25-2.5L	32	0,14			2	2,3	2,1	1,7	1,3	1,1				
TLC 32-2.5L	35	0,15			3	2,5	2,3	1,9	1,5	1,2	0,9			
TLC 15-4	33	0,14	1,5	400	1	3,5	2,7	1,8	1,2	0,8				
TLC 25-4 (L)	39	0,17			2	3,9	3,2	2,4	1,9	1,6	1,1			
TLC 32-4L	44	0,19			3	4,2	3,5	2,8	2,2	1,9	1,5	0,9		
TLC 15-5	43	0,19	2,0	400	1	3,9	2,9	2,0	1,3	0,8				
TLC 25-5 (L)	63	0,28			2	4,8	4,3	3,7	3,0	2,5	1,8	0,9		
TLC 32-5L	77	0,34			3	5,2	4,9	4,4	3,8	3,5	3,0	2,3	1,8	
TLC 15-6	43	0,19	2,0	400	1	3,4	2,3	1,5	0,9					
TLC 25-6 (L)	65	0,28			2	5,2	4,1	3,0	2,1	1,7	1,1			
TLC 32-6L	80	0,34			3	6,2	5,6	4,7	4,0	3,6	3,0	2,4	1,8	
TLC 15-7	54	0,24	2,0	400	1	5,4	3,6	2,5	1,7	1,4	0,9	0,4		
TLC 25-7L	76	0,34			2	6,6	5,5	4,0	2,9	2,3	1,6	1,0	0,4	
TLC 32-7L	89	0,39			3	7,1	6,6	5,9	5,2	4,7	3,9	2,9	2,0	0,4

Performances according to standards EN 1151-1

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TLC SERIES – DIMENSIONS AND WEIGHTS



TLC SERIES – DIMENSIONS AND WEIGHTS TABLE

PUMP TYPE	DIMENSIONS (mm)				WEIGHT kg
	H	H1	F	DN	
TLC 15-2.5	130	65	R 1/2	15	2,6
TLC 25-2.5L	180	90	R 1	25	2,7
TLC 32-2.5L	180	90	R 1 1/4	32	2,8
TLC 15-4	130	65	R 1/2	15	2,6
TLC 25-4	130	65	R 1	25	2,7
TLC 25-4L	180	90	R 1	25	2,7
TLC 32-4L	180	90	R 1 1/4	32	2,8
TLC 15-5	130	65	R 1/2	15	2,6
TLC 25-5	130	65	R 1	25	2,7
TLC 25-5L	180	90	R 1	25	2,7
TLC 32-5L	180	90	R 1 1/4	32	2,8
TLC 15-6	130	65	R 1/2	15	2,6
TLC 25-6	130	65	R 1	25	2,7
TLC 25-6L	180	90	R 1	25	2,8
TLC 32-6L	180	90	R 1 1/4	32	2,8
TLC 15-7	130	65	R 1/2	15	2,6
TLC 25-7L	180	90	R 1	25	2,8
TLC 32-7L	180	90	R 1 1/4	32	2,8

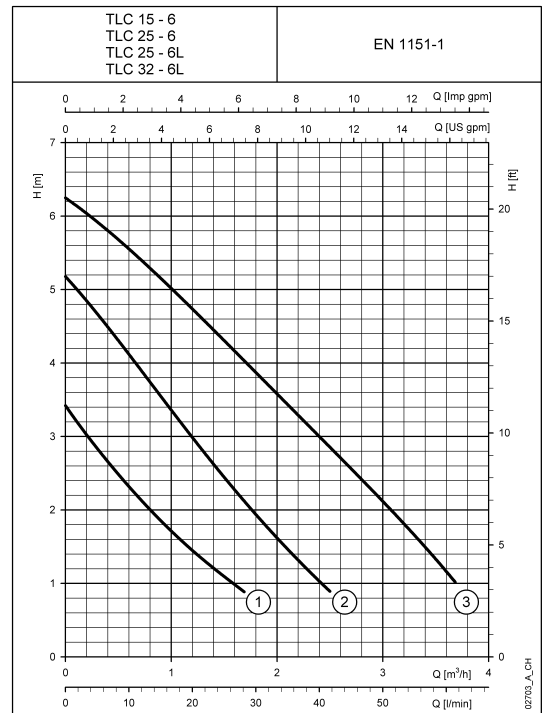
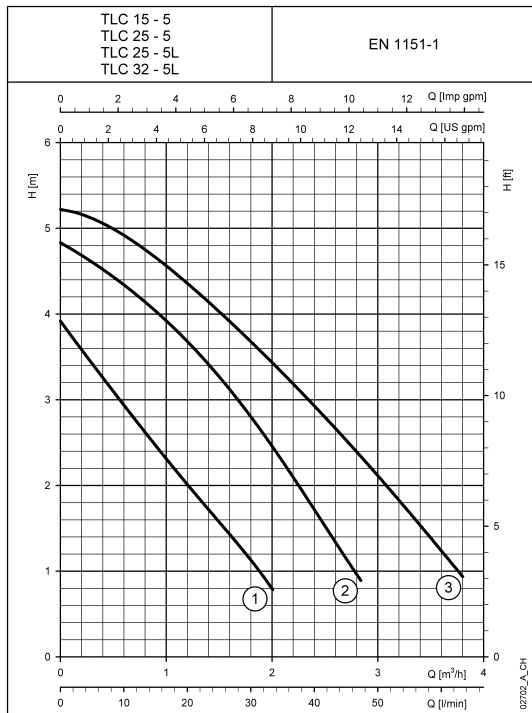
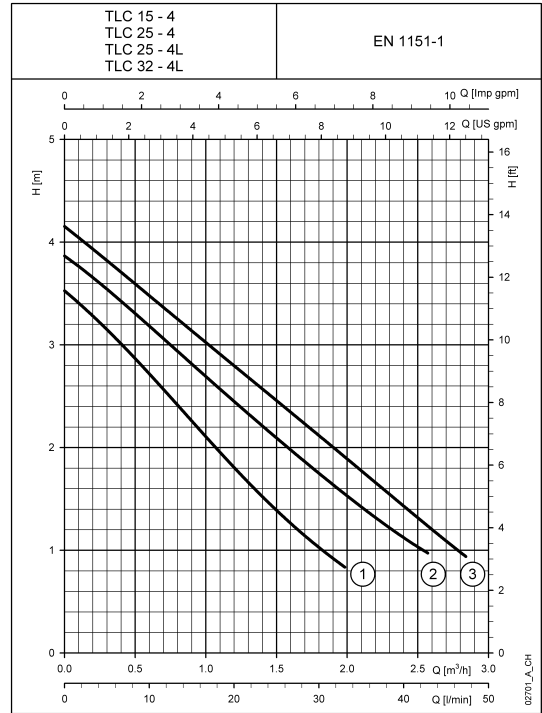
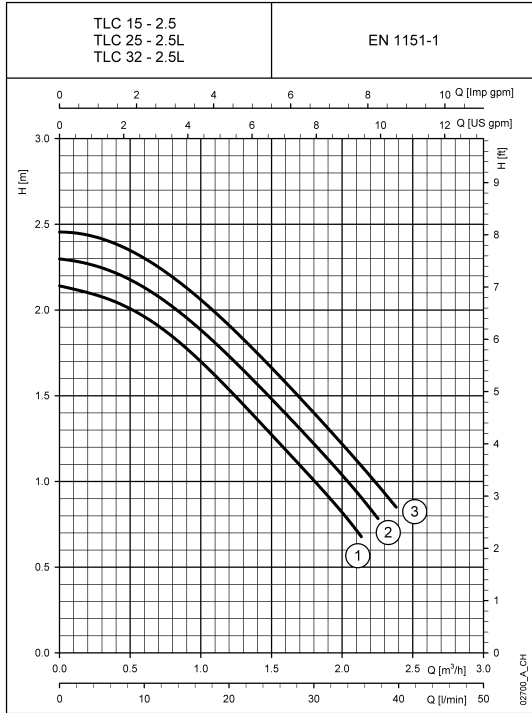
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TLC SERIES SINGLE-PHASE OPERATING CHARACTERISTICS

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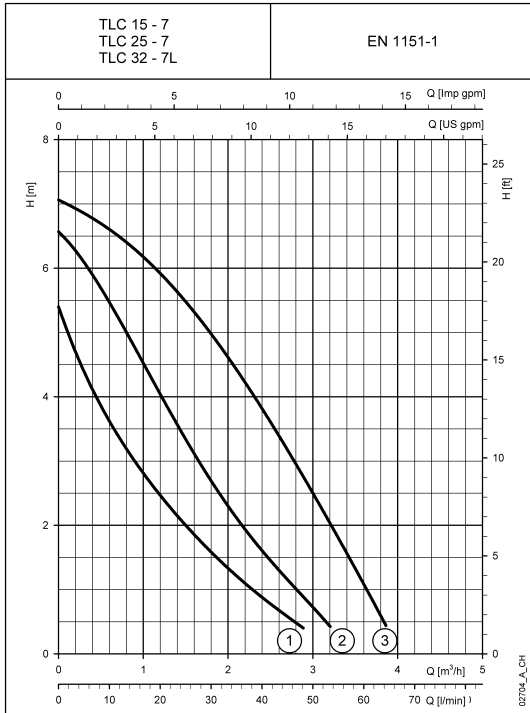


These performances are valid for liquids with density $\rho = 1.0 \text{ kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{s}$.

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These performances are valid for liquids with density $\rho = 1.0 \text{ kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{s}$.

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