ROTOR

CQ series Light engineering plastic magnetic–driving pump

Excellent corrosion resistance

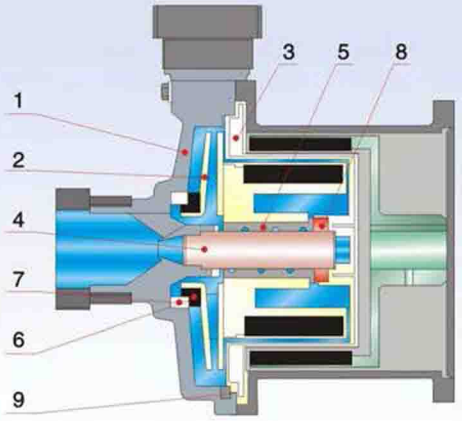
Main components are made of highlycorrosionresistant materials such asengineering plastics,polytetrafluoroethy lene,high–density carbon,fill up poly–terafluoroethy–lene and high–purity aluminaceramics.The use of such materials combines with a leakfree seal–lessconstruction ensures the safe transferof most types of chemical liquid.

High–efficiency/energy–saving design

Whole plastics injection is used at vanewheel and magnetic inner rotor,which highlyincreasesthe efficiency of pump and decreasesthe volume of pump part.

Easy maintenance/inspection

The structure is simple,with a minimum of components. In addition,the major parts are modularized for easy and quick disassembly and inspection.The expendable parts can be replaced individually.



1、
Pump body:It is made by injection moulding with intensified PP,Solid structure

2、
Impeller unit :The use of whole plastics injection at the impeller and magnetic inner rotor makes impeller have strong torque.

3、
Isolating suite:It is made by whole plastics injection with intensified PP as the substrate of alloy which can effectly preveng the deformation form the inner pressure of pump.

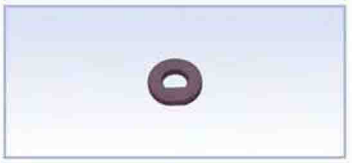
4、
Pump shaft:The availablematerials which made pump shaft are high–purity aluminaceramics.SIC.

5、
Bearing:The fill up polyterafluoroethylene, high–density carbon is used.

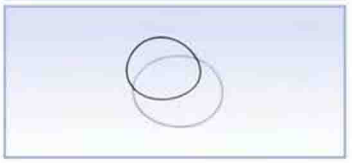
6、
Act hoop:The fill up polyterafluoroethylene is used.

7、
Front standstill hoop:The highpurity aluminaceramics is used.

8、
Back standstill hoop:The highpurity aluminaceramics is used.



9、
O–Ring:The FKM EPDM and polyteraf luoroe thyleneis used.



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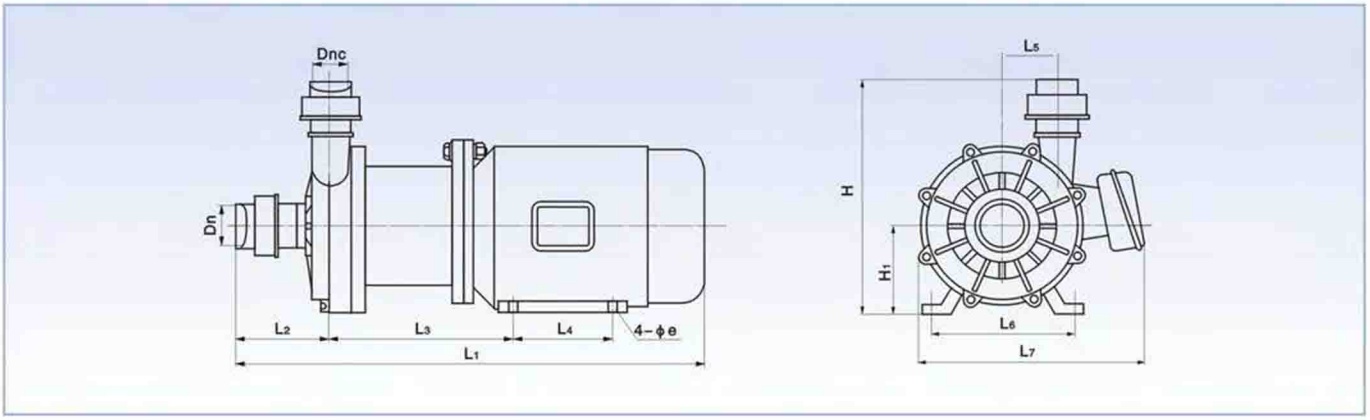
External and drawing of installation dimension



Type	Dn	Dnc	L1	L2	L3	L4	L5	L6	L7	e	H	H1
10CQ-3F	12	10	200	40	60	50	25	68	75	6	100	45
14CQ-5F	14	12	215	55	75	70	30	70	110	8	115	56
16CQ-8F	16	16	300	55	110	70	40	90	110	8	136	56
20CQ-12F	25	18	380	65	145	80	50	110	140	8	170	70
25CQ-15F	25	20	460	80	180	100	70	125	255	10	230	95
32CQ-15F	32	25	460	80	180	100	70	125	255	10	230	95
32CQ-25F	32	25	460	80	180	100	70	125	255	10	230	95
40CQ-20F(1.5kW)	40	32	500	80	185	120	70	140	255	10	230	95
40CQ-20F(2.2kW)	40	32	545	75		120		140	290	12	220	100
50CQ-32F	50	40	583	83	235	250	78.5	190	309	12	310	165
65CQ-25F	65	50	700	83				250	319	12	385	210
65CQ-32F	65	50	700	83				250	319	12	385	210

performance parameter

Type	∅ mm		(m) H Head	L/min Q Flow	kw Power	(r/min) n Rotating Speed	(V) Voltage	
	inlet	outlet						
8CQ-2F	8	6	2	15	0.025	2800	220	Engineering plastics
10CQ-3F	10	10	3	19	0.025	2800	220	
14CQ-5F	14	10	5	20	0.038	2800	220	
14CQ-5F	14	10	5	20	0.12	2800	220/380	
16CQ-8F	16	12	8	30	0.12	2800	220/380	
20CQ-12F	20	14	12	50	0.37	2800	220/380	
25CQ-12F	25	20	12	80	0.37	2800	220/380	
25CQ-15F	25	20	15	110	1.1	2800	220/380	
32CQ-15F	32	25	15	110	1.1	2800	220/380	
32CQ-25F	32	25	25	90	1.1	2800	220/380	
40CQ-20F	40	32	20	180	1.5/2.2	2800	380	
50CQ-25F	50	40	25	240	4	2800	380	
50CQ-32F	50	40	32	220	4	2800	380	
65CQ-32F	65	50	32	450	5.5	2800	380	