

STUART

CH Single Stage

The CH single stage range of centrifugal pumps is designed for liquid transfer, pressure boosting or distribution of clean, fresh water.

Other clean, non aggressive, non explosive liquids with similar characteristics to water may be pumped.

50 Hz



2 YEAR
GUARANTEE

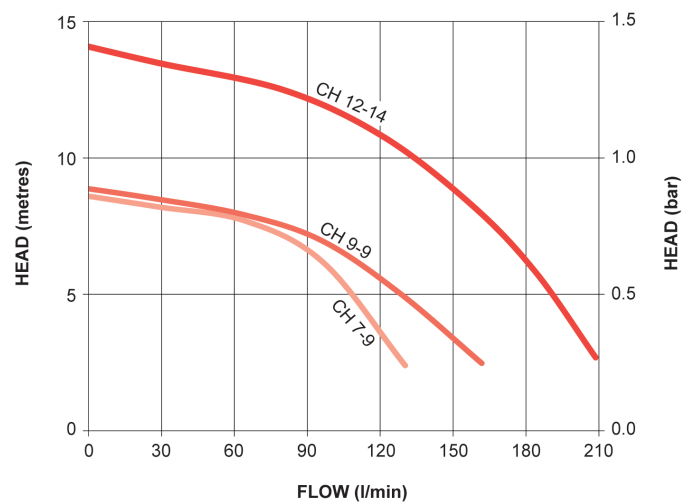
From
50 dB(A)
Quiet Operation

Features

- Flow rates up to 210 litres per minute and heads up to 14 metres
- Standard control
- High quality brass pump head
- Centrifugal single stage pump
- Quiet operation
- WRAS Approved Materials
- Continuously rated induction motor
- 2 year guarantee

Application

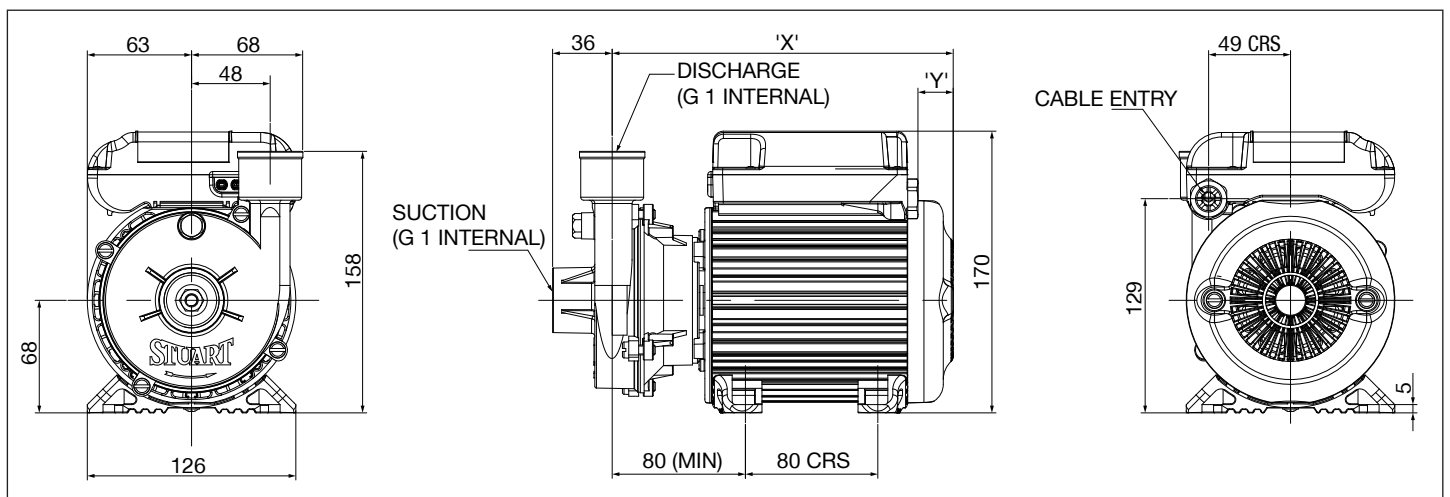
- The CH Single Stage range of centrifugal pumps is designed for liquid transfer, pressure boosting or distribution of clean, fresh water. Other clean, non aggressive, non explosive liquids with similar characteristics to water may be pumped



Pump Model		CH 7-9 50 Hz 46372	CH 9-9 50 Hz 46374	CH 12-14 50 Hz 46379
General	Guarantee	2 years		
	WRAS Approval	Approved Material		
	Approvals	CE		
Features	Pump type	Centrifugal Single Stage		
	Priming vent plug	✓	✓	✓
	Self priming	✓	✓	✓
	Typical noise	53 dB(A)	64 dB(A)	70 dB(A)
Materials	Pump body	Brass		
	Impeller	Plastic		
	Mechanical seal	EPDM / PTFE / Al. Oxide		
Performance	Maximum head – closed valve	0.87 bar (8.8 metres)	0.89 bar (9.1 metres)	1.39 bar (14.2 metres)
	Performance @ 50 l/min	0.71 bar (7.2 metres)	0.81 bar (8.2 metres)	1.29 bar (13.1 metres)
	Performance @ 100 l/min	0.5 bar (5.1 metres)	0.64 bar (6.5 metres)	1.08 bar (10.8 metres)
	Maximum flow	132 l/min	164 l/min	210 l/min
	Minimum static inlet pressure	0.05 bar (0.5 metres)		
	Maximum static inlet pressure	1 bar (10 metres)		
	Maximum working pressure*	600 kPa (6 bar)		
	Maximum viscosity	50 secs redwood no. 1 9.5 centistokes		
	Maximum ambient air temperature	40 °C		
	Min / Max water temperature	Min 4 °C / Max 80 °C		
	Suction lift**	4.6 metres		
Connections	Pump connections	G 1 female		
Motor	Type	Induction, auto-reset thermal trip		
	Duty rating	Continuous (S1)		
Electrical	Power supply (Vac/Ph/Hz)	230 V a.c. / 1 / 50 Hz		
	Power consumption – P1	230 Watts	330 Watts	595 Watts
	Current -full load	1.0 Amps	1.5 Amps	2.8 Amps
	Fuse rating	5 Amps		
Physical	Enclosure protection	IP44		
	Length	242 mm		277 mm
	Width	131 mm		
	Height – excluding hoses	170 mm		
	Weight – including fittings	5.3 Kg	5.7 Kg	7.6 Kg

* The maximum pressure that can be applied to the pump under any installation conditions.

** With footvalve fitted.



Pump Description	Dim. 'X'	Dim. 'Y'
CH 7-9	206 mm	21 mm
CH 9-9	206 mm	21 mm
CH 12-14	241 mm	56 mm

Stuart Turner Limited reserves the right to amend specifications without notice.

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