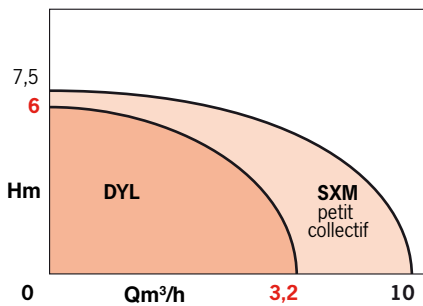


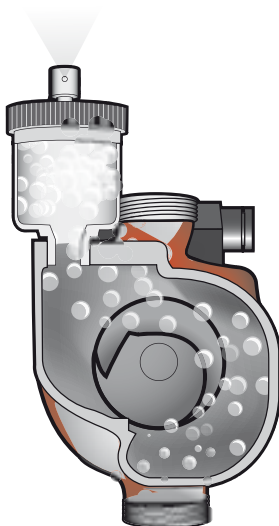
OPERATING LIMITS

Flow rates up to:	3,2 m ³ /h
Heads up to:	6 m
Max. operating pressure: :	10 bar
Temperature range:	+15°C to 110°C



ADVANTAGES

- No noise problems when the boiler starts up:
- When a new system fills with water.
- After complete or partial draining of an existing system.
- No more risk of boiler safety low water level cut-outs because of air in the circulator.
- Motor self-protected against overloads.
- Multiple speeds, for better adapting to all types of system.
- High starting torque preventing the shaft from sticking.
- Low consumption of energy.
- No maintenance.



APPLICATIONS

- Circulator specially designed for fitting in a boiler.
- For the quick circulation of hot water in central heating systems in houses or apartments with individual gas or fuel oil boilers.

DYL

DOMESTIC CIRCULATORS

Individual heating

Special body with degasser

50 Hz



• DYL53-15P



• DYL53-15P

DESIGN

•Hydraulic part

Body with threaded orifices for direct fitting on the pipe ensuring:

- The separating of the water and air in the upper part of the body.
- The constant evacuation of the air held in the body through an automatic bleeder (option).

•Motor

Three speeds through manual selection.

Wet rotor; bearings self-lubricated by the liquid pumped.

Speed :	see table
Winding :	single-phase, 230 V
Frequency :	50 Hz
Insulation class :	155 (F)
Temperature class :	TF110
Protection index :	IP 42
Compliance :	NF EN 60.335-2-51 CE
Approvals :	VDE - IMQ

STANDARD CONSTRUCTION

Main part	Material
Pump casing	Cast iron
Impeller	Composite material
Airgap shaft-shell	Stainless steel
Impeller seal ring	Stainless steel
Bearing bushes	Graphite
Seals	Ethyl.-Propylene

FEATURES

a) Electrical

- All 230V-50Hz single-phase types with built-in capacitor..
- Motor protection via non-vital circuit breaker

b) Montage

- Motor axis always horizontal.

Connection to system:

- Via union fittings
- To ensure the correct operating of the degasser, the circulator must be installed in a vertical position.

c) Packaging

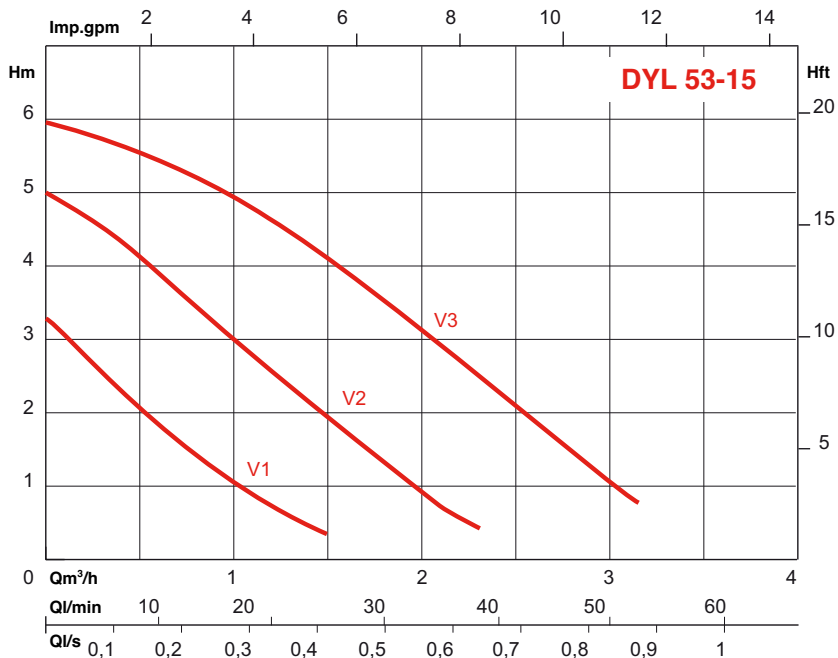
- Without union fittings and counterflanges.
- Without air duct (optional)

d) Maintenance

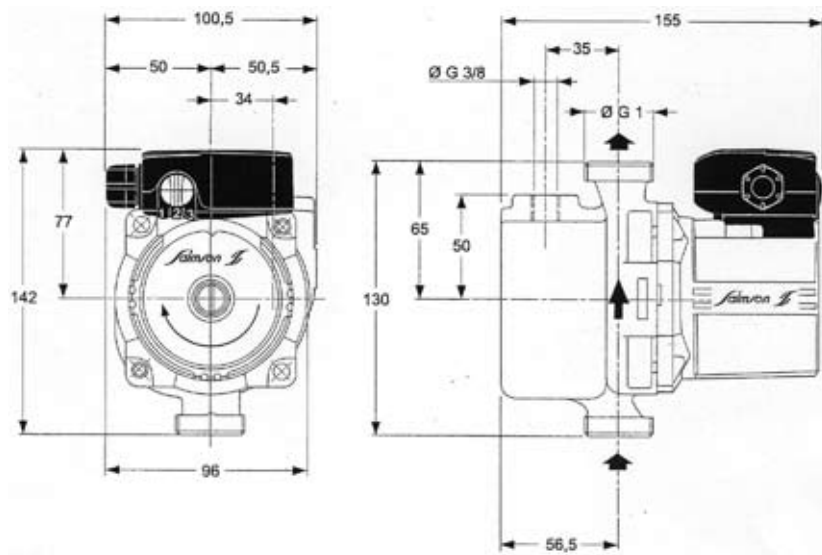
- Standard replacing of appliance.

HYDRAULIC PERFORMANCE

•3 speeds



ELECTRICAL DATA AND DIMENSIONS



DYL 53-15P			
μ FxV capacitor	2,6 x 400		
selector position	1	2	3
speed in rpm	1450	1900	2200
P1 (W)	46	67	93
intensity (A)	0,2	0,3	0,4
\emptyset G	1"		
mass (kg)	3		
Connection possible on \emptyset 1" threaded pipe RU 1521			

OPTIONS ET ACCESSORIES

- Automatic degasser
- Union fittings