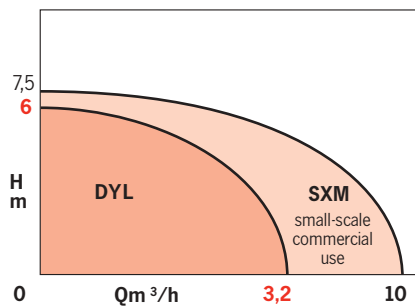


OPERATING LIMITS

Flow rates up to:	3.2 m³/h
Heads up to:	6 m
Max. operating pressure:	10 bar
Temperature range:	+15°C to 110°C



BENEFITS

- 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.
- No maintenance.

DYL

DOMESTIC CIRCULATORS

Individual heating

Special body with degasser

50 Hz

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.



• DYL63-15P



• 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, 230 V
 Frequency: 50 Hz
 Insulation class: F (155°C)
 Temperature class: TF110
 Protection index: IP 42
 Compliance: NF EN 60.335.1 and 2.51
 EC
 VDE - IMQ

Approvals:

FEATURES

a) Electrical

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

b) Assembly

- 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

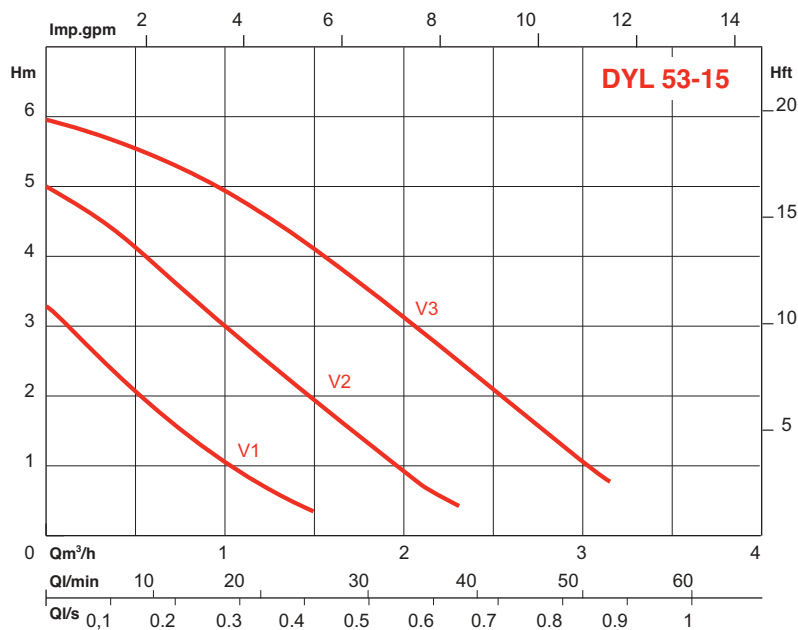
- Standard replacing of appliance.

STANDARD CONSTRUCTION

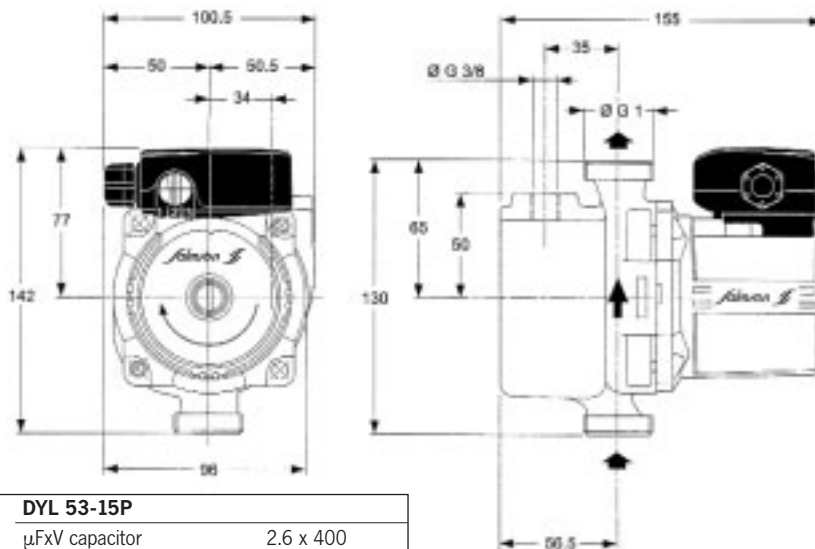
Main parts	Material
Pump body	Cast iron
Impeller	Composite material
Airgap shaft-shell	Stainless steel
Impeller seal ring	Stainless steel
Bearing bushes	Graphite
Seals	Ethyl.-Propylene

HYDRAULIC PERFORMANCES

• 3 speeds



ELECTRICAL DATA AND DIMENSIONS



DYL 53-15P			
MOTOR	µFxV 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
	ØG	1"	
PUMP	mass (kg)	3	
	CONNECTION POSSIBLE ON Ø1" THREADED PIPE RU 1521		

OPTIONS & ACCESSORIES

- Automatic degasser
- Union fittings