

ADVANTAGES

CONVENIENCE

- **Silent operation.**
- **Integrated and automatic motor overload protection.**
- **Speed visualisation through the covers'window*.**
- **Easy installation (wide and simple access to electrical connections and speed selector).**
- **No maintenance.**
- **Automatic venting of rotor chamber.**
- **Twin head pump: standby pump available at all times or possibility of operating the two pumps in parallel for lower purchase and operating costs.**

EASY SELECTION

- **Large choice of performances (8 single head models and 9 twin models).**
- **3 running speeds for every model.**
- **Wide applications: air-conditioning and heating.**
- **Dual voltage motor 230-400 V**

RELIABILITY

- **Circulator IP44*.**
- **Corrosion resistance reinforced.**

* except CXL 2020

CONCEPTION

Hydraulic part

Pump casing in-line with threaded ports (flanges PN 10 on DXM 40-25 and 40-45, DCX 40-25 and 40-45).

- **Twin heads models (DXM/DCX):** twin pumps in a single casing, hydraulic separation by double flap valve on discharge end.
- **Flanges models:** bosses on rear for wall mounting, flanges fitted with pressure gauge ports.

- **Motor:** 2 pole, wet rotor, self lubricated bearings.

Single-phase: 3 speeds per manual selector, integrated capacitor.

Three-phase: dual voltage, 3 speeds by plug-in selector switch coupled to voltage (supplied in 400V, three-phase 230V plug as an option).

Speed : see p.8

Winding 1-phase : 230 V
3-phase : 230-400 V

Frequency : 50 Hz
: 60 Hz *optional*

Protection index : IP44

Insulating category : F

Conformity : CE

Immunity : EN 61000-6-2

Emission : EN 61000-6-3

SXM - DXM

Single & twin-head circulators

- Threaded ports G2 or flanges ND 40
- Single-phase 230 V, winding motors with built-in capacitor.
- Voltage complying with standard.
- Built-in and automatic thermal overload protection.
- 3 speeds motor selected per manual selector.
- 4 single head models
- 4 twin head models.

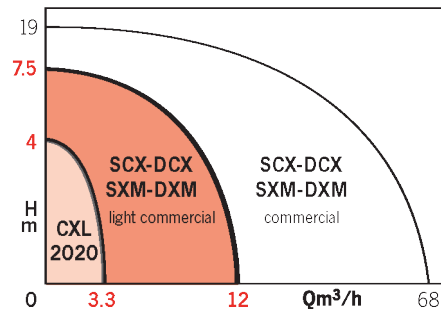
STANDARD CONSTRUCTION

Main parts	Material
Pump casing	Cast iron
Impeller	Composite material
Shaft	Stainless steel
Sleeve bearings	Graphite
Casing gaskets	Ethyl.-Propylene

OPERATING LIMITS

Flow rates up to:	12 m ³ /h
Heads up to:	7.5 m
Max. operating pressure:	10 bar
Temperature range:	- 20° to + 130°C*
Max. temperature ambient:	+ 40°C
ND of ports:	32 and 40

* except CXL 2020 : - 20 to + 110°C



* See NT 122-21

