1.9   ProMinent® DULCO flex Control DFYa

1.9.2   Technical Data ProMinent® DULCO® flex Control **DFYa**

Type	Maximum back pressure	Pump capacity	Max. speed	Suction lift	Intake head
	bar	rpm	m WC	m WC	
08410	8	410 l/h ± 10 %	80	8	8
04410	4	410 l/h ± 10 %	80	8	8
02410	2	410 l/h ± 10 %	80	8	8

Hose material:	NR, NBR, EPDM, NBR-A, Hypalon
Self-priming:	Up to 8 m
Rollers/shoes:	Rollers
Metering reproducibility:	±2% with retracted hose after 500 revolutions
Electrical connection:	100 – 230 VAC ± 10 % 50/60 Hz
Electrical power consumption:	Max. 400 W
Degree of protection:	IP 55
Weight:	30 kg
Permissible ambient temperature:	0 … 45 °C

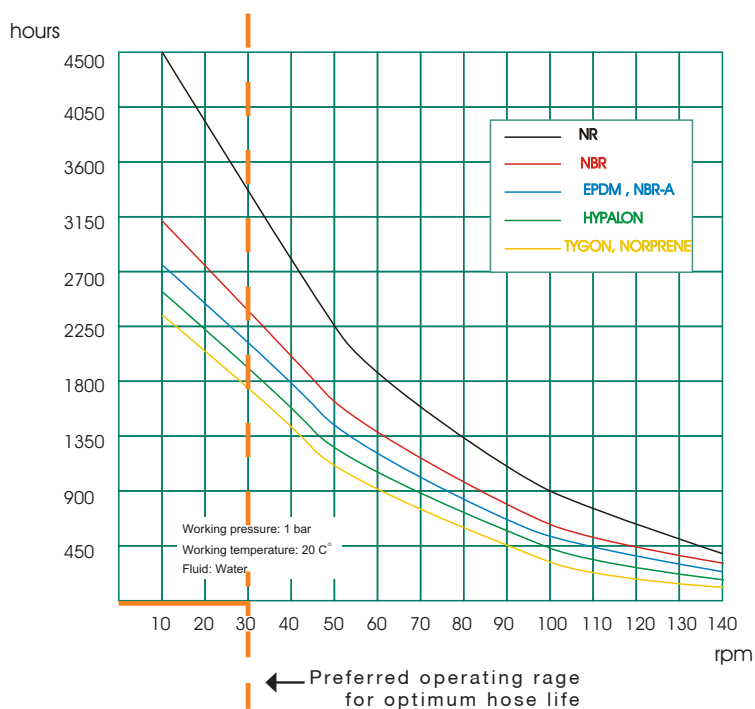All data refers to water at 20 °C

Approximate Life of Hoses

The technical department of PROMINENT, has prepared a series of curves representing the duration of the peristaltic hoses in function of the pump rotation speed and of the type of installed hose.

These curves, which are for guideline purposes, have been prepared in accordance with tests carried out using our test set/up, together with multiple references received from our customers and distributors.

All this data has been used to produce real average values, taking into account however, that due to the nature of the rubber, its components, additives and manufacturing process, it is possible that some of the hoses may have a life which is much higher than the estimated in the curves, and others could be lower.

These curves are therefore intended for guideline purposes only and must not be interpreted as being any form of guarantee for hose duration. The aim of these curves is to provide a useful tool when the time comes to select a pump and hose.

Evidently, there are other variables which can condition the life of a hose, such as temperature, pressure, abrasion, and specially the chemical compatibility of the product being pumped with respect to the selected hose material, which makes it practically necessary to have a different curve for each specific pumping situation. These curves can therefore be extremely useful in spite of being for guideline purpose only.

Working pressure: 1 bar
Working temperature: 20 C°
Fluid: Water

← Preferred operating rage for optimum hose life

1.9.3 Identity Code & Pricing for ProMinent® DULCO® flex Control **DFYa**

DFYa

Type Capacity

	bar	l/h
08410	8	410
04410	4	410
02410	2	410

Hose Material

0	NR
B	NBR
E	EPDM
A	NBR-A [food safe]
C	NBR-A
H	Hypalon

Dosing Head Orientation

R	Right

Hydraulic Connection

A	VA BSP 3/4''
B	VA NPT 3/4''
C	PP BPS 3/4''
D	PVDF BSP 3/4''
E	PVDF NPT 3/4''
F	PVC NPT 3/4''
G	Tri-Clamp, VA, 1''
H	DIN 11851,VA, NW20

Hose Break Detector

0	Without hose break detector
1	With hose break detector

Version

P	ProMinent
B	Boyser
A	Axflow
M	Modified

Special Version

0	Standard
H	Chemical version - Halar coated

Logo

0	With logo

Electric Power Supply

U	Universal 100-230V +- 10 %, 50/60 Hz

Cable and Plug

C	2 m Australian

Relay

0	no relay
1	fault indicating relay (230 V, 8A)
3	fault indicating relay (24V ,100 mA) + pacing relay (24V, 100mA)
8	0/4-20mA output relay + fault indicating/pacing relay

Accessories

0	No accessories

Control Version

0	Manual + External contact with Pulse Control
1	Pulse Control + Analogue
6	Profibus M12 plug
7	CANopen

Control Unit

0	HMI with Click Wheel 0,5 m
4	HMI with Click Wheel 2 m
5	HMI with Click Wheel 5 m
6	HMI with Click Wheel 10 m

Access Code

0	Without access code
1	With access code

Communication

0	Without

Languages

EN	English

Approval

01	CE

Prepack

P	see options at left

Prepacks = P

P0 - no control cable

P2 - 2m control cable

P5 - 5m control Cable

PX -10m control Cable

Note: Cable for I/O port see page 3.19 in Yellow Pages.

DFYa	08410	0	R	0	0	0	0	0	0	U	C	0	0	0	0	0	0	EN	01