

## PERIPHERAL TURBINE PUMPS

**PRA**

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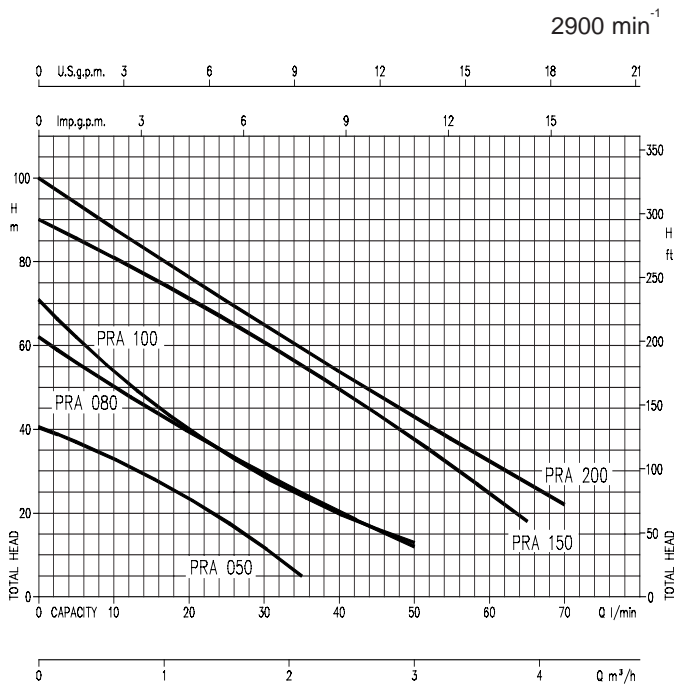


### APPLICATIONS

Peripheral turbine pumps constructed from cast iron and bronze suitable for hot and cold water boosting.

### SPECIFICATIONS

- Maximum working pressure : 6 bar for PRA 0.50  
7,5 bar for PRA 0.80  
12 bar for the other models
- Maximum liquid temperature : 35°C according EN 60335-2-41 for domestic uses  
80°C for other uses



## SWIMMING POOL PUMPS

**SWA**

**SWA**

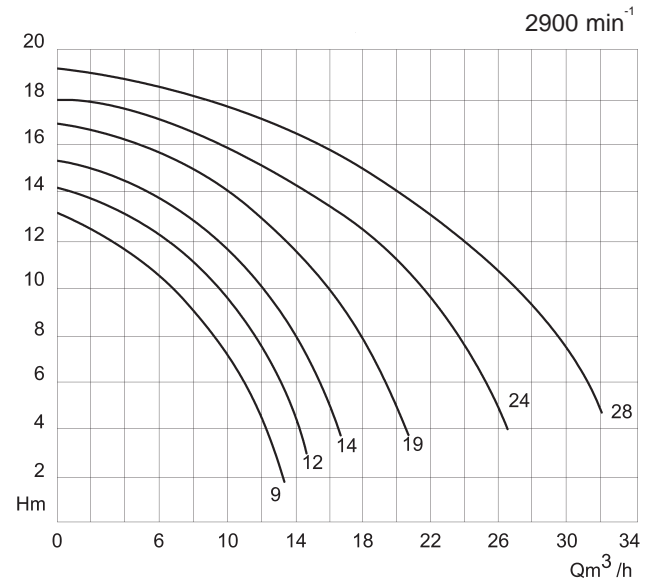


### APPLICATIONS

SWA is a horizontal centrifugal, self priming pump particularly suitable for water circulation in swimming-pool systems.

### TECHNICAL DATA

- Capacity up to 32 m<sup>3</sup>/h
- Total head up to 19 m
- Power up to 1,5 kW
- Maximum working pressure : 3 bar
- Maximum water temperature : 40°C
- Motor : 2 pole, Class F insulation, IP 55 protection, continuously rated
- Single phase version : from 0.5 up to 2HP: 230V-50Hz permanent split capacitor build in overload motor protection with automatic reset
- Three phase version : from 0.6 up to 2HP: 400V overload protection must be provided by the user



## PERFORMANCE TABLE

Pump type	Versions 50Hz	Amp.	Power	
			HP	kW
PRA 050 M	1/230V	2,5	0,5	0,37
PRA 050 T	3/415V	1	0,5	0,37
PRA 080 M	1/230V	4,9	0,8	0,59
PRA 080 T	3/415V	2,1	0,8	0,59
PRA 100 M	1/230V	5,6	1	0,74
PRA 100 T	3/415V	2,4	1	0,74
PRA 150 M	1/230V	10	1,5	1,1
PRA 150 T	3/415V	3,6	1,5	1,1
PRA 200 M	1/230V	10,9	2	1,5
PRA 200 T	3/415V	4,0	2	1,5

## PERFORMANCE TABLE

Pump type	HP	CAPACITOR	ABSORBED CURRENT (A)		Q=Capacity									
			Single phase	Three phase	H=Total head (m)									
Single phase	Three phase		Single phase	Three phase	l/min	50	100	160	200	250	300	360	400	500
					m³/h	3	6	9,6	12	14	18	21	24	30
SWA 9M	0,5	12,5	3,5	-	12	10,5	7,6	4,3						
SWA 12M	0,6	14	3,9	2,6	13,1	12,4	10	7,4	4,4					
SWA 14M	0,8	20	4,2	2,8	14,8	13,6	12	10	8					
SWA 19M	1	20	5,4	3,2	16,7	15,8	14	12,8	11,7	8	5			
SWA 24M	1,5	31,5	8	5,6	17,8	17	16	15	14,4	12,5	11	9,6		
SWA 28M	2	35	9,8	6,5	19	18,6	17,9	17	16,3	15	14	13	7,5	