



Sistema Range of Submersible Pumps

Made in Italy



Catalogo 50 Hz

Index of Sistema's Submersible Pumps Range

4"
1 - 18
m³/h

floating impeller sand
up to 300 g/m³



95 PR 95 PRX 95 PRG 95 REC 18 95 SX 18

6"
6 - 66
m³/h

floating impeller
sand up to 400 g/m³ (140 PR / 140 PRX) sand
up to 50 g/m³ (140 PS / 140 PSX)



140 PR 140 PRX 140 PS 140 PSX 140 RX 140 SX 140 REC

8"
27 - 140
m³/h



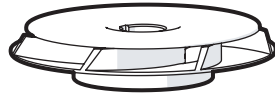
180 REC 180 RX 180 R 180 SX

10"
200 - 280
m³/h



230 SX 230 REC

RADIAL ELECTRIC PUMPS



4" 95 PR / 95 P5 PRX / 95PRG

95 PR 1 / 95 PRX 1 / 95 PRG 1 95	Q: 5 - 35 l/min	H: 39 - 402 m
PR 2 / 95 PRX 2 / 95 PRG 2 95	Q: 20 - 60 l/min	H: 17 - 413 m
PR 3 / 95 PRX 3 / 95 PRG 3 95 PR	Q: 20 - 90 l/min	H: 15 - 348 m
4 / 95 PRX 4 / 95 PRG 4 95 PR	Q: 40 - 100 l/min	H: 18 - 442 m
6 / 95 PRX 6 / 95 PRG 6 95 PR	Q: 40 - 160 l/min	H: 10 - 336 m
8 / 95 PRX 8 / 95 PRG 8 95 PR	Q: 80 - 200 l/min	H: 10 - 263 m
10 / 95 PRX 10 / 95 PRG 10 95 PR	Q: 100 - 250 l/min	H: 10 - 196 m
12 / 95 PRX 12 / 95 PRG 12	Q: 150 - 300 l/min	H: 10 - 152 m

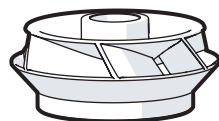
6" 140 PR / 140 PRX

140 PR 6 / 140 PRX 6	Q: 60 - 180 l/min	H: 15 - 449 m
140 PR 8 / 140 PRX 8	Q: 80 - 220 l/min	H: 18 - 490 m
140 PR 9 / 140 PRX 9	Q: 80 - 260 l/min	H: 26 - 465 m
140 PR 12 / 140 PRX 12	Q: 100 - 300 l/min	H: 38 - 520 m
140 PR 16 / 140 PRX 16	Q: 150 - 450 l/min	H: 18 - 561 m
140 PR 24 / 140 PRX 24	Q: 200 - 600 l/min	H: 11 - 421 m
140 PR 34 / 140 PRX 34	Q: 300 - 800 l/min	H: 17 - 346 m

6" / 8" 140 / 180 RX

140 RX 18	Q: 150 - 450 l/min	H: 20 - 620 m
140 RX 21	Q: 200 - 500 l/min	H: 19 - 524 m
140 RX 24	Q: 200 - 600 l/min	H: 11 - 475 m
140 RX 35	Q: 400 - 800 l/min	H: 30 - 240 m
180 RX 27	Q: 300 - 600 l/min	H: 56 - 614 m
180 RX 36	Q: 400 - 900 l/min	H: 38 - 592 m
180 RX 50	Q: 600 - 1300 l/min	H: 32 - 396 m

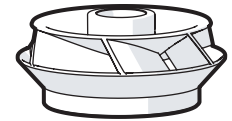
SEMI-AXIAL ELECTRIC PUMPS



4" 95 PR 18 / 95 PRX 18 / 95 PRG 18 95 SX 18 / 95 REC 18

95 PR / 95 PRX 18 / 95 PRG 18	Q: 150 - 400 l/min	H: 7 - 160 m
95 REC 18	Q: 150 - 400 l/min	H: 8 - 123 m
95 SX 18	Q: 150 - 450 l/min	H: 5 - 127 m

SEMI-AXIAL ELECTRIC PUMPS



6" 140 PS - 140 PSX

140 PS 36 / 140 PSX 36	Q: 300 - 700 l/min	H: 17 - 386 m
140 PS 42 / 140 PSX 42	Q: 400 - 900 l/min	H: 15 - 302 m

6" 140 SX

140 SX 34	Q: 300 - 800 l/min	H: 20 - 343 m
140 SX 44	Q: 400 - 1000 l/min	H: 26 - 285 m
140 SX 54	Q: 600 - 1200 l/min	H: 18 - 227 m
140 SX 64	Q: 700 - 1500 l/min	H: 14 - 168 m

8" 180 SX

180 SX 78	Q: 600 - 1600 l/min	H: 30 - 472 m
180 SX 90	Q: 800 - 2000 l/min	H: 28 - 408 m
180 SX 102	Q: 1000 - 2400 l/min	H: 13 - 338 m
180 SX 124	Q: 1200 - 2800 l/min	H: 12 - 293 m
180 SX 140	Q: 1600 - 3200 l/min	H: 12 - 240 m

10" 230 SX

230 SX 200	Q: 1800 - 4000 l/min	H: 21 - 307 m
230 SX 220	Q: 2200 - 4600 l/min	H: 23 - 225 m
230 SX 240	Q: 2400 - 5200 l/min	H: 24 - 256 m
230 SX 280	Q: 2600 - 5800 l/min	H: 21 - 292 m

6" 140 REC

140 REC 34	Q: 300 - 800 l/min	H: 17 - 375 m
140 REC 44	Q: 400 - 1000 l/min	H: 21 - 288 m
140 REC 54	Q: 500 - 1200 l/min	H: 14 - 261 m
140 REC 66	Q: 600 - 1400 l/min	H: 14 - 195 m

8" 180 REC

180 REC 78	Q: 600 - 1600 l/min	H: 13 - 338 m
180 REC 90	Q: 800 - 2000 l/min	H: 12 - 345 m
180 REC 102	Q: 1000 - 2400 l/min	H: 12 - 273 m
180 REC 124	Q: 1200 - 2800 l/min	H: 13 - 220 m
180 REC 160	Q: 1600 - 3200 l/min	H: 11 - 243 m

10" 230 REC

230 REC 200	Q: 1800 - 3800 l/min	H: 20 - 296 m
230 REC 220	Q: 2200 - 4400 l/min	H: 22 - 259 m
230 REC 240	Q: 2400 - 5000 l/min	H: 22 - 216 m

* 95 PR / 95 PRX / 95 PRG

PORTATA NOMINALE NOMINAL CAPACITY			RANGE SISTEMA PUMPS						
Q (m³/h)	Q (l/min)	Q (l/sec)	4"		6" RADIAL (TECHNOPOLYMER)	6" RADIAL AISI 304	6" SEMIAXIAL (NORYL - CAST IRON - AISI 304)	8" (CAST IRON-AISI 304)	10" SEMIAXIAL (CAST IRON - AISI 304)
1	17	0,3	95 PR1 * TECHNOPOLYMER						
2	33	0,6	95 PR2 * (TECHNOPOLYMER)						
3	50	0,8	95 PR3 * TECHNOPOLYMER						
4	67	1,1	95 PR4 * TECHNOPOLYMER						
6	100	1,7	95 PR6 * (TECHNOPOLYMER)		140 PR 6 (TECHNOPOLYMER)				
8	133	2,2	95 PR8 * TECHNOPOLYMER		140 PR 8 (TECHNOPOLYMER)				
9	150	2,5			140 PR 9 (TECHNOPOLYMER)				
10	167	2,8	95 PR10 * TECHNOPOLYMER						
12	200	3,3	95 PR12 * TECHNOPOLYMER		140 PR 12 (TECHNOPOLYMER)				
16	267	4,4			140 PR 16 (TECHNOPOLYMER)				
18	300	5,0	95 REC 18 (CAST IRON) 95 SX 18 (AISI 304) 95 PR18 * TECHNOPOLYMER			140 RX 18 (AISI 304)			
21	350	5,8				140 RX 21 (AISI 304)			
24	400	6,7			140 PR 24 (TECHNOPOLYMER)	140 RX 24 (AISI 304)			
27	450	7,5						180 R 27 (CAST IRON) 180 RX 27 (AISI 304)	
34	567	9,4			140 PR 34 (TECHNOPOLYMER)		140 REC 34 (CAST IRON) 140 SX 34 (AISI 304)		
35	583	9,7				140 RX 35 (AISI 304)			
36	600	10					140 PS 36 / 140 PSX 36 (NORYL)	180 R 36 (CAST IRON) 180 RX 36 (AISI 304)	
44	733	12,2					140 PS 42 / 140 PSX 42 (NORYL) 140 REC 44 (CAST IRON) 140 SX 44 (AISI 304)		
50	834	13,9						180 R 50 (CAST IRON) 180 RX 50 (AISI 304)	
54	900	15					140 REC 54 (CAST IRON) 140 SX 54 (AISI 304)		
66	1100	18,3					140 REC 66 (CAST IRON) 140 SX 64 (AISI 304)		
78	1300	21,7						180 REC 78 (CAST IRON) 180 SX 78 (AISI 304)	
90	1500	25,0						180 REC 90 (CAST IRON) 180 SX 90 (AISI 304)	
102	1700	28,3						180 REC 102 (CAST IRON) 180 SX 102 (AISI 304)	
124	2067	34,5						180 REC 124 (CAST IRON) 180 SX 124 (AISI 304)	
140	2334	38,9						180 REC 160 (CAST IRON) 180 SX 140 (AISI 304)	
200	3334	55,6							230 REC 200 (CAST IRON) 230 SX 200 (AISI 304)
220	3667	61,1							230 REC 220 (CAST IRON) 230 SX 220 (AISI 304)
240	4001	66,7							230 REC 240 (CAST IRON) 230 SX 240 (AISI 304)
280	4668	77,8							230 SX 280 (AISI 304)

DESIGNATION PUMPS

4"

95 PR 3 N/16

Diametro nominale
Nominal diameter

Portata al centro curva in m³/h
Capacity to the center of the curve in m³/h

Numero di stadi
Number of stages

Pompa radiale con mandata e gabbia in ottone
Radial pump with delivery bowl and suction cage in brass

PRX : MANDATA E GABBIA IN AISI 304
PRX : DELIVERY BOWL AND SUCTION CAGE IN AISI 304
PRG : MANDATA E GABBIA IN GHISA CON TRATTAMENTO DI CATAFORESI PRG :
DELIVERY BOWL AND SUCTION CAGE IN CAST IRON WITH CED

5"

AQUALIFE S 6/03

Portata al centro curva in m³/h
Capacity to the center of the curve in m³/h

Numero di stadi
Number of stages

Portata al centro curva in m³/h
Capacity to the center of the curve in m³/h

6"

140 PR 16 N/15

Diametro nominale
Nominal diameter

Portata al centro curva in m³/h
Capacity to the center of the curve in m³/h

Numero di stadi
Number of stages

Pompa radiale con mandata e gabbia in ghisa
Radial pump with delivery bowl and suction cage in cast iron

PRX : MANDATA E GABBIA IN AISI 304
PRX : DELIVERY BOWL AND SUCTION CAGE IN AISI 304

6"

140 PS 36 N/03

Diametro nominale
Nominal diameter

Portata al centro curva in m³/h
Capacity to the center of the curve in m³/h

Numero di stadi
Number of stages

Pompa semiassiale con mandata e gabbia in ghisa
Semi-axial pump with delivery bowl and suction cage in cast iron

PSX : MANDATA E GABBIA IN AISI 304
PSX : DELIVERY BOWL AND SUCTION CAGE IN AISI 304

6"

140 RX 21 /20

Diametro nominale
Nominal diameter

Portata al centro curva in m³/h
Capacity to the center of the curve in m³/h

Numero di stadi
Number of stages

Pompa radiale in AISI 304 microfuso
Radial pump in AISI 304 Casted

8"

180 RX 36 /24

Diametro nominale
Nominal diameter

Portata al centro curva in m³/h
Capacity to the center of the curve in m³/h

Numero di stadi
Number of stages

Pompa radiale in AISI 304 microfuso
Radial pump in AISI 304 Casted

6"

140 SX 44 /03

Diametro nominale
Nominal diameter

Portata al centro curva in m³/h
Capacity to the center of the curve in m³/h

Numero di stadi
Number of stages

Pompa semiassiale in AISI 304 microfuso
Semi-axial pump in AISI 304 Casted

8"

180 SX 90 /08

Diametro nominale
Nominal diameter

Portata al centro curva in m³/h
Capacity to the center of the curve in m³/h

Numero di stadi
Number of stages

Pompa semiassiale in AISI 304 microfuso
Semi-axial pump in AISI 304 Casted

10"

230 SX 200 /08

Diametro nominale
Nominal diameter

Portata al centro curva in m³/h
Capacity to the center of the curve in m³/h

Numero di stadi
Number of stages

Pompa semiassiale in AISI 304 microfuso
Semi-axial pump in AISI 304 Casted

6"

140 REC 44 /03

Diametro nominale
Nominal diameter

Portata al centro curva in m³/h
Capacity to the center of the curve in m³/h

Numero di stadi
Number of stages

Pompa semiassiale in ghisa
Semi-axial pump in cast iron

8"

180 REC 90 /06

Diametro nominale
Nominal diameter

Portata al centro curva in m³/h
Capacity to the center of the curve in m³/h

Numero di stadi
Number of stages

Pompa semiassiale in ghisa
Semi-axial pump in cast iron

10"

230 REC 220 /04

Diametro nominale
Nominal diameter

Portata al centro curva in m³/h
Capacity to the center of the curve in m³/h

Numero di stadi
Number of stages

Pompa semiassiale in ghisa
Semi-axial pump in cast iron