

SPF Series



pumps head: 8,0 mt ÷ 16, mt
Delivery: 9,0 m³/h÷ 24, 0 m³/h
rated output: 0,25 kW (0,33 Hp) 1,1 kW (1,5Hp)

APPLICATIONS

- Swimming pools emptying operations
- Water-play
- Alternated continue service

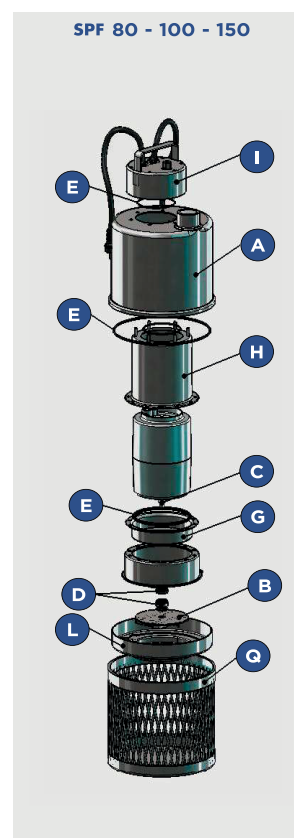
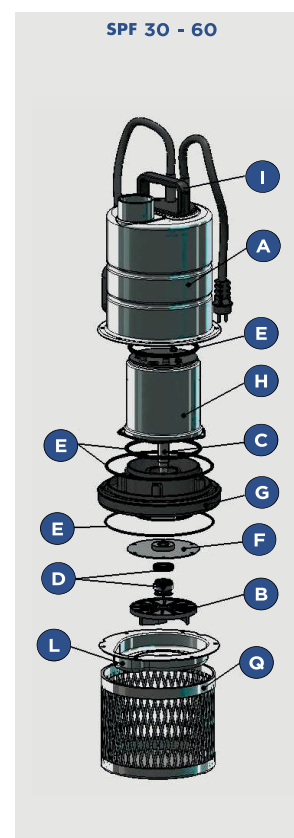


Pumps

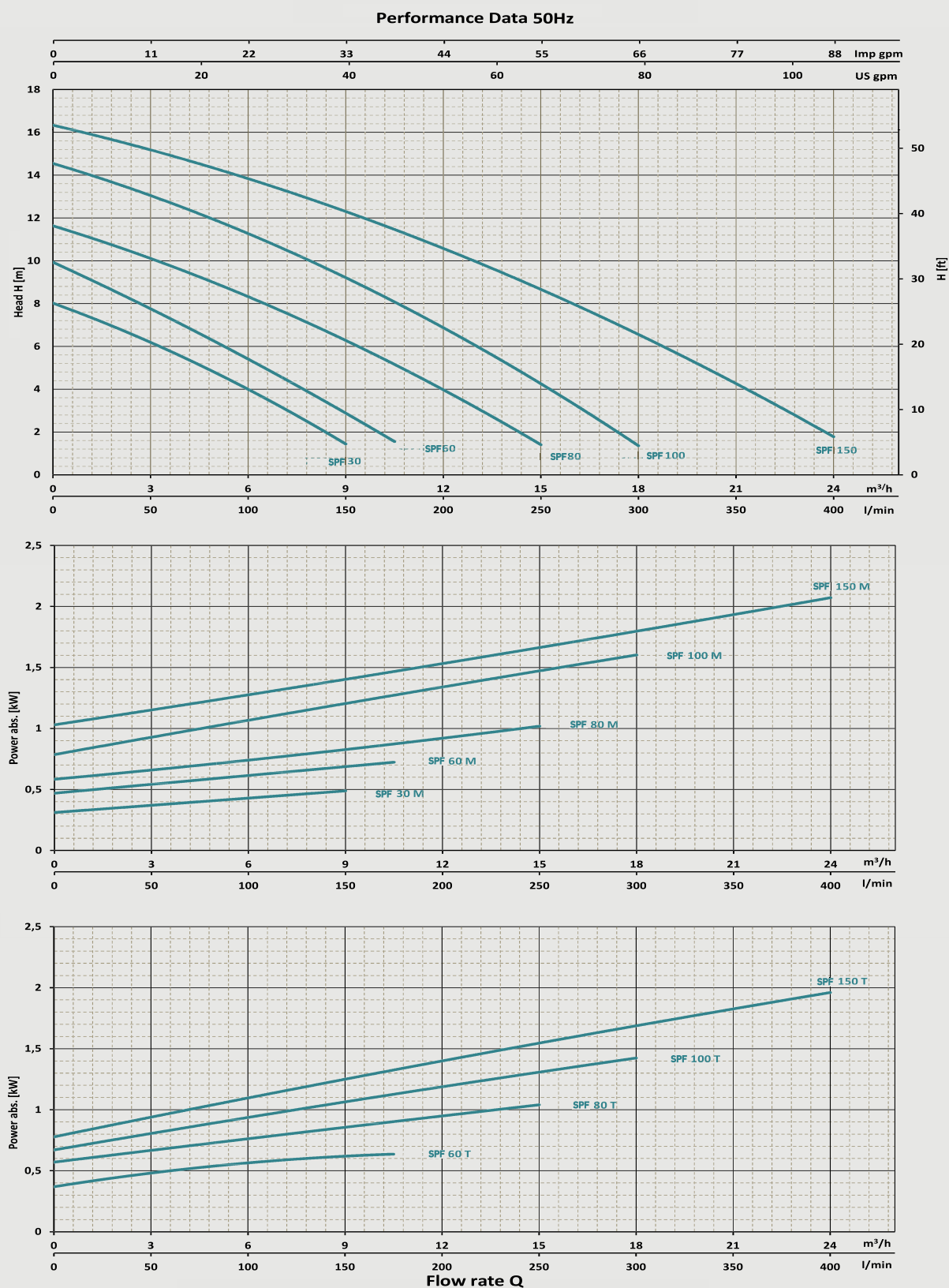
- Double chamber electric pump (motor, mechanical seal)
- Oil bath motor (biodegradable and dielectric) for cooling and bearing lubrication
- Sealing ring - engine face
- Oil bath mechanical seals
- Permissible draught of water: 5 mt
- IP 68 protection class
- Class F insulation
- Max pumped liquid temperature: 35°C
- Version
 - Single phase: 220-277V/50Hz or 220-277V/60Hz with built in thermal protection and permanent capacitor
 - Three phase: 220-277V/50Hz or 380-480V/50Hz and 220-277V/60Hz or 380-480V/60Hz with overload protection care of the user
- Motor power:
 - from 0,25 kw (0,33 Hp) to 0,45 kw (0,6 Hp) only single phase version
 - from 0,6 kw (0,8 Hp) to 1,1 kw (1,5 Hp) single phase and three phase version
- Automatic single phase version with floater or manual single version, without floater
- Standard cable features
 - Single phase: 10 meters H07RN-F for the standard version (automatic-manual)
 - Three phase: 10 meters H07RN-F

Customised voltage and frequency rating available on demand

MATERIALS TABLE			
COMPONENTS		MATERIALS	
External housing		Stainless steel 304	Din 1.4301
Impeller	SPF 30-60	Technopolymer	
	SPF 80-100-150	Stainless steel 304	Din 1.4301
Shaft (pump side)	SPF 30-60	Stainless steel 303	Din 1.4305
	SPF 80-100-150	Stainless steel 316	Din 1.4401
Mechanical seal	Pump face	Silicon carbide	
	Motor face	Nbr seal ring	
O-ring		Nbr	
Motor holder		Stainless steel 304	Din 1.4301
Motor housing		Stainless steel 304	Din 1.4301
Cover + handle	SPF 30-60	Technopolymer	
	SPF 80-100-150	Stainless steel 304	Din 1.4301
Diffuser	SPF 30-60	Stainless steel 304	Din 1.4301
	SPF 80-100-150	Din 1.4301 / Stainless steel 304 coated Hnbr rubber	
Filtro		Stainless steel 304	Din 1.4301



Pumps



The performance data holds true for liquids with a $\rho = 1,0 \text{ kg/dm}^3$ density and a $\nu = 1 \text{ mm}^2/\text{s}$ viscosity.

Pumps

Technical Data :

Model		ELECTRICAL DATA										HYDRAULIC DATA									
		Phase	Volt	Hz	P ass.	I ass.	P nom.		Capacitor		m3/h	0	2,4	4,5	7,2	9	10,5	15	18	24	
					kW	A	kW	HP	μF	VC	l/min.	0	40	75	120	150	175	250	300	400	
SPF 30 M AUT		1 ~	230	50	0,5	2,2	0,25	0,33	8	450	H (m)	8	6,6	5,2	2,9	1,5	-	-	-	-	
SPF 30 M		1 ~	230	50	0,5	2,2	0,25	0,33	8	450		8	6,6	5,2	2,9	1,5	-	-	-	-	
SPF 60 M AUT		1 ~	230	50	0,7	3	0,45	0,6	10	450		10	8	6,8	4,3	3	1,5	-	-	-	
SPF 60 M		1 ~	230	50	0,7	3	0,45	0,6	10	450		10	8	6,8	4,3	3	1,5	-	-	-	
SPF 60 T		3 ~	400	50	0,7	1,4	0,45	0,6	-	-		10	8	6,8	4,3	3	1,5	-	-	-	
SPF 80 M AUT		1 ~	230	50	1,1	4,5	0,6	0,8	16	450		11,5	10,5	9,5	7,5	6,2	5	1,5	-	-	
SPF 80 M		1 ~	230	50	1,1	4,5	0,6	0,8	16	450		11,5	10,5	9,5	7,5	6,2	5	1,5	-	-	
SPF 80 T		3 ~	400	50	0,9	2,1	0,6	0,8	-	-		11,5	10,5	9,5	7,5	6,2	5	1,5	-	-	
SPF 100 M AUT		1 ~	230	50	1,5	6,5	0,75	1	20	450		14,5	13,5	12	10,5	9,5	8	4	1,5	-	
SPF 100 M		1 ~	230	50	1,5	6,5	0,75	1	20	450		14,5	13,5	12	10,5	9,5	8	4	1,5	-	
SPF 100 T		3 ~	400	50	1,3	2,2	0,75	1	-	-		14,5	13,5	12	10,5	9,5	8	4	1,5	-	
SPF 150 M AUT		1 ~	230	50	2	10,6	1,1	1,5	30	450		16,5	15,5	14,5	13	12,1	11,2	9	7	1,5	
SPF 150 M		1 ~	230	50	2	10,6	1,1	1,5	30	450	16,5	15,5	14,5	13	12,1	11,2	9	7	1,5		
SPF 150 T		3 ~	400	50	1,8	3,3	1,1	1,5	-	-	16,5	15,5	14,5	13	12,1	11,2	9	7	1,5		

MODEL		PUMP DIMENSION						
		A	B	C	D	E	F	G
SPF	30 M	1"1/4	154	41	324	303	125	132
SPF	60 M/T	1"1/4	154	41	324	303	125	132
SPF	80 M/T	1"1/2	212,4	89,7	400	369	160	202,4
SPF	100 M/T	1"1/2	212,4	89,7	400	369	160	202,4
SPF	150 M/T	2"	212,4	89,7	440,2	408,2	160	202,4

MODEL		PACKING DIMENSION				PALLET DIMENSIONS				
		L mm	M mm	N mm	Peso Weight kg	R mm	S mm	T mm	NR scatole	PESO Kg
SPF	30 M	190	230	410	5,5	800	1200	1790	80	450
SPF	60 M/T	190	230	410	6,2	800	1200	1790	80	506
SPF	80 M/T	260	300	530	9,0	800	1200	1220	24	241
SPF	100 M/T	260	300	530	11,0	800	1200	1220	24	289
SPF	150 M/T	260	300	530	18,0	800	1200	1220	24	457

