

# SMP • Centrifugal Pumps

## Centrifugal Pumps

### Operating Limits:

- Max. suction head: 8m
- Max. liquid temperature: 60°C
- Max. ambient temperature: 40°C
- Continuous duty

### Motor:

- Two-Pole induction motor (n=2900 r/min)
- Insulation Class B
- Protection IP44

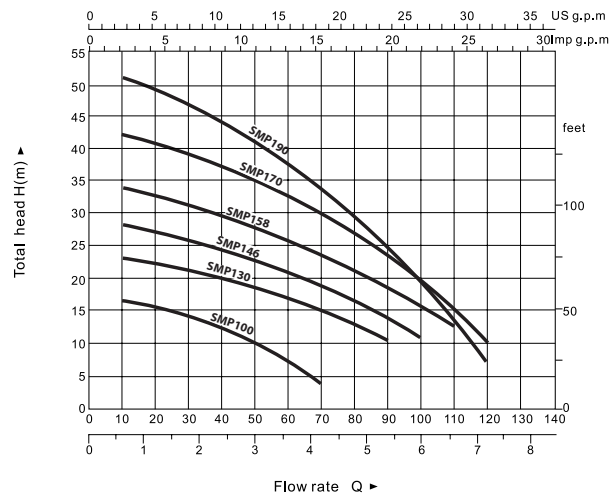
### Material:

- Pump body: Cast Iron
- Impeller: Brass (or plastic)
- Motor Shaft: Carbon Steel / AISI 420 Stainless Steel / AISI 304 Stainless Steel
- Mechanical seal: Ceramic / Graphite

### Installation and Use:

- They are recommended for pumping clean water and liquids that are chemically non aggressive to the materials from which the pump is made.
- Reliable and maintenance free they are widely used in the domestic and civil sector, in particular for water distribution in combination with small or medium pressure sets, for transfer in general, for irrigating gardens.
- The pumps must be installed in closed places, or at least protected against inclement weather.

PERFORMANCE CHART AT n=2900 r/min



SMP158

MODEL		POWER		INLET/OUTLET	MAX.FLOW (L/min)	MAX.HEAD (m)	MAX.SUCT (m)	G.W (kg)	PACKING DIMENSION/UNIT (mm)	QTY/20' GP (UNIT)
SINGLE PHASE	THREE PHASE	(KW)	(HP)							
SMP100	SMP100T	0.25	0.33	1"x1"	70	16	8	8.4	300x180x230	2150
SMP130	SMP130T	0.37	0.5	1"x1"	90	23	8	10	300x180x230	1800
SMP146	SMP146T	0.60	0.8	1"x1"	100	28	8	11.5	340x205x260	1550
SMP158	SMP158T	0.75	1	1"x1"	110	34	8	14	340x205x260	1280
SMP170	SMP170T	1.1	1.5	1"x1"	120	42	8	20.7	390x250x330	870
SMP190	SMP190T	1.5	2	1"x1"	120	51	8	22	390x250x330	820

220V/50Hz, 230V/50Hz, 110V/60Hz, 115V/60Hz, 127V/60Hz & 110V/220V dual voltage model are available on request

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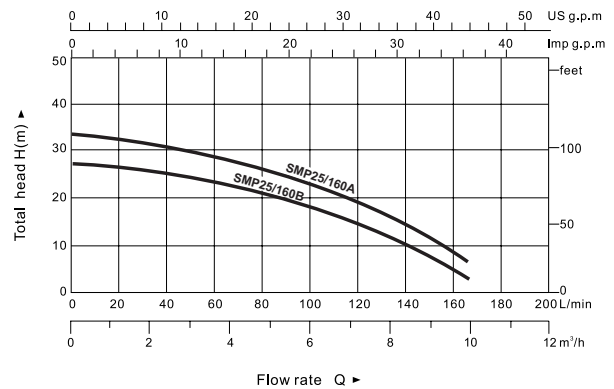
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- Mechanical seal: Ceramic / Graphite

PERFORMANCE CHART AT n=2900 r/min



## Installation and Use:

- They are recommended for pumping clean water and liquids that are chemically non aggressive to the materials from which the pump is made.
- The pumps are specifically used in the civil, industrial or agricultural sectors where their characteristics of sturdiness and reliability can be best appreciated.
- The pumps must be installed in closed places, or at least protected against inclement weather.



SMP25/160A

MODEL		POWER		INLET/OUTLET	MAX.FLOW (L/min)	MAX.HEAD (m)	MAX.SUCT (m)	G.W (kg)	PACKING DIMENSION/UNIT (mm)	QTY/20' GP (UNIT)
SINGLE PHASE	THREE PHASE	(KW)	(HP)							
SMP25/160B	SMP25/160BT	1.1	1.5	1"×1"	120	30	8	18.4	380×230×280	865
SMP25/160A	SMP25/160AT	1.5	2	1"×1"	165	35	8	20.2	380×230×280	780

■ 220V/50Hz, 230V/50Hz, 110V/60Hz, 115V/60Hz, 127V/60Hz & 110V/220V dual voltage model are available on request