TEMCO®

Peripheral Pump

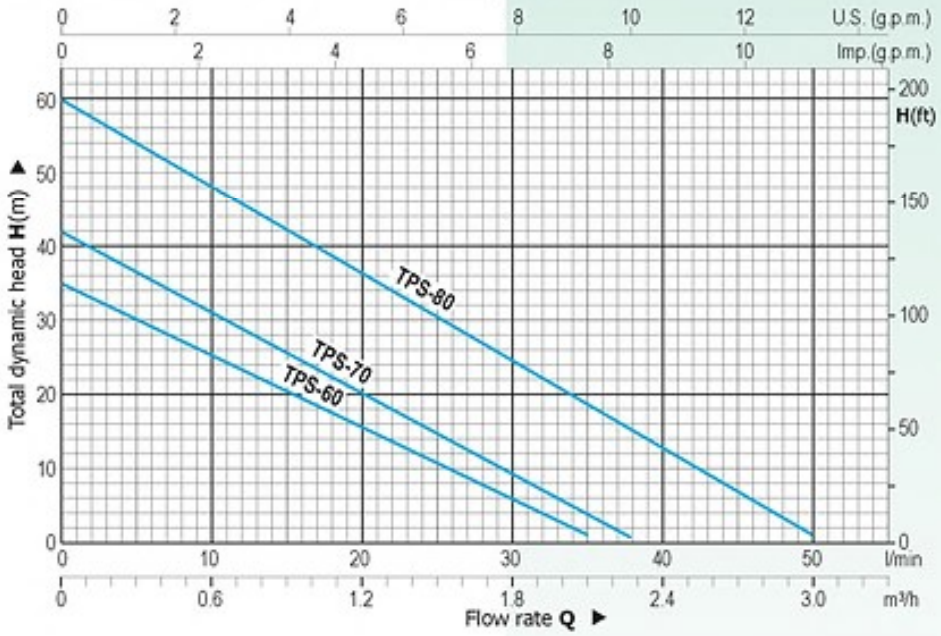
TPS Series

The pump is with peripheral impeller containing numerous radial blades in its edge. Water is threw outwards by centrifugal motion caused by the impeller. Then the water rotates with the impeller, generate high pressure. These pumps have a compact size and are very economical. They have various appearances and motor shells to the different operating requirements.

- **Pump body:** Cast iron
- **Impeller:** Brass
- **Motor:** Closed, externally ventilated
- **Insulation class:** B (Class F if required)
- **Protection class:** IP44 / IP54
- **Duty:** Continuously rated
- **Mechanical seal:** ϕ12 or ϕ16 ceramic steatite/graphite
- **Shaft:** Carbon steel AISI 1045 (Stainless steel AISI 420 if required)

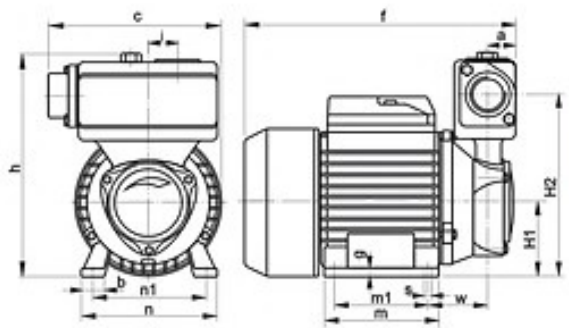
The normal power standard is 220V 50Hz single phase. Three phase 220/380V/50Hz, 220/440V/60Hz, Single phase 230V, 240V, 127V, 110V, 115V/60Hz models are available on request.

PERFORMANCE CHART AT n=2850r/min



PERFORMANCE DATA

TYPE	Power HP	Power kW	Ampere 1~220V	R.P.M	Q.Max (l/min)	H.Max (m)	S.Head (m)	Pipe Dia	L×W×H (mm)	N.W (kg)
TPS-60	0.5	0.37	2.6	2850	35	35	9	1"×1"	260×165×215	7.3
TPS-70	0.75	0.55	3.6		45	50			285×195×240	10.5
TPS-80	1	0.75	4.8		50	60			285×195×240	11.2



DIMENSIONS

TYPE	DIMENSIONS(mm) a	f	c	h	H1	H2	i	m	m1	n	n1	w	b	g	s
TPS-60	25	240	145	198	63	164	25	98	80	120	100	63	22	8	7
TPS-70	28	265	170	216	71	175	30	110	90	134	112	60	23	8	7
TPS-80	28	265	170	216	71	175	30	110	90	134	112	60	23	8	7