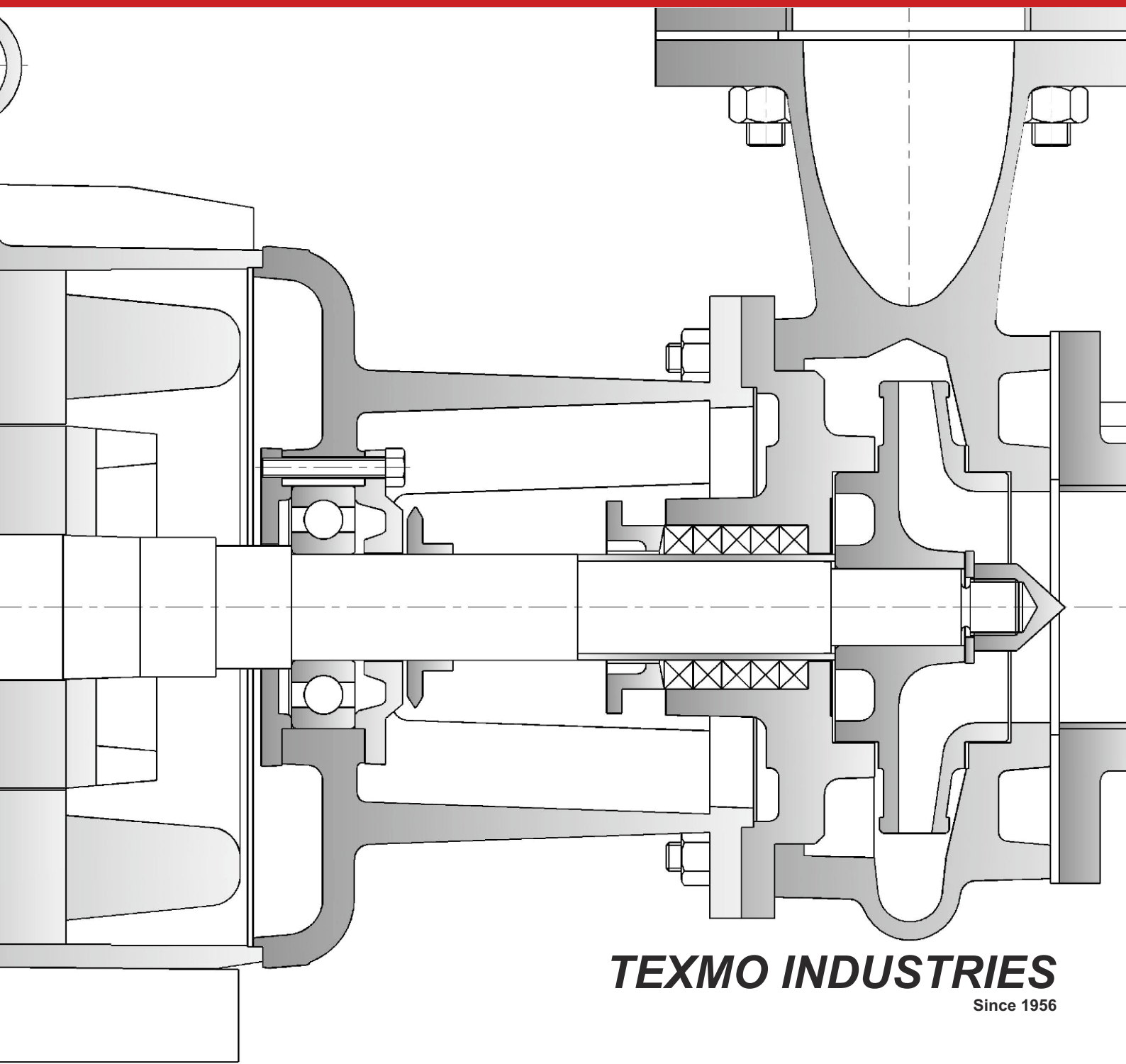


SINGLE PHASE DOMESTIC AND MINI MONOBLOCS  
PERFORMANCE CHART



**TEXMO INDUSTRIES**

Since 1956

## Single Phase Domestic and Mini Monoblocs - TSP/TRH/TSH/TGH/TCH



### PRODUCT FEATURES

- Easy to install and requires simple maintenance.
- Run silently under all operating conditions.
- Handy and easily portable.
- Manufactured to stringent quality parameters to ensure years of efficient trouble-free service.
- Designed to withstand wide voltage fluctuations and to start at low voltage.
- High quality cast iron and rust proof aluminium motor body ensures better heat dissipation to keep the motor cool.
- Energy efficient motor for low power consumption.
- Stainless steel shaft and double sealed precision ball bearing ensure longer life and eliminates periodic maintenance.
- Brass forged impeller, high quality graded cast iron pump casing, and motor bearing housing ensure longer life.
- High quality mechanical seal and strainer ensures longer life.
- Superior quality painting prevents rust formation.
- Squirrel cage motor of TEFC type designed to operate in wide voltage variation 200 - 240 V, 50Hz, AC power supply.

### MATERIAL OF CONSTRUCTION

Part Name	Material	Part Name	Material
Impeller	Gunmetal	Motor body	CI FG 180 / Aluminium
Casing	CI FG 180 / CI FG 200	Shaft	AISI 410
Mechanical seal	Carbon / Ceramic	Winding wire	Enameled copper

### APPLICATIONS

Water supply to houses, residential colonies and factories.



## PERFORMANCE CHART

### TARO "TSP SERIES" - SINGLE PHASE CAPACITOR START SLOW SPEED SELF PRIMING MONOBLOCKS

Approximate performance values of TSP series at 220 V (-15% to +6%), 1440 rpm, 50 Hz AC power supply

Model Name	Motor Rating		Pipe Size (mm)		TOTAL HEAD VALUES																
					Metres	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36
	kW	HP	Suc	Del.	Feet	19.7	26.2	32.8	39.4	45.9	52.5	59.0	65.6	72.2	78.7	85.3	91.8	98.4	105	112	118
TSP 1	0.37	0.5	25	25	DISCHARGE VALUES IN L/M	42.6	40.2	37.8	34.8	32.4	29.4	27.0	24.0	21.6	18.6						
TSP 2	0.37	0.5	25	25		42.6	40.2	37.8	34.8	32.4	29.4	27.0	24.0	21.6	18.6						
TSP 3	0.75	1	25	25		59.4	56.4	54.0	51.0	48.6	45.6	42.6	39.6	36.6	33.6	30.6	27.6	24.0	20.4	16.8	13.2

### TARO "TRH SERIES" - SINGLE PHASE CAPACITOR START & RUN HIGH SPEED SELF PRIMING MONOBLOCKS

Approximate performance values of TRH series at 220 V (-15% to +6%), 2880 rpm, 50 Hz AC power supply

Model Name	Motor Rating		Pipe Size (mm)		TOTAL HEAD VALUES																
					Metres	6	9	12	15	18	21	24	27	30	33	35	37	39	41	43	45
	kW	HP	Suc	Del.	Feet	19.7	29.5	39.4	49.2	59.0	68.9	78.7	88.6	98.4	108	115	121	128	134	141	148
TRH 525H	0.37	0.5	25	25	DISCHARGE VALUES IN L/M	48.6	46.8	44.4	42.0	39.6	37.2	34.2	30.6	27.0	22.8	19.8					
TRH 1025	0.37	1	25	25		58.2	55.8	53.4	50.4	48.0	44.4	40.8	37.2	33.0	28.8	26.4	23.4	20.4	17.4	14.4	

### TARO "TSH / TGH SERIES" - SINGLE PHASE CAPACITOR START & RUN HIGH SPEED SELF PRIMING MINI MONOBLOCKS

Approximate performance values of TSH / TGH series at 220 V (-15% to +6%), 2900 rpm, 50 Hz AC power supply

Model Name	Motor Rating		Pipe Size (mm)		TOTAL HEAD VALUES																
					Metres	6	9	12	15	18	21	24	27	30	33	35	37	39	41	43	45
	kW	HP	Suc	Del.	Feet	19.7	29.5	39.4	49.2	59.0	68.9	78.7	88.6	98.4	108	115	121	128	134	141	148
TSH 1	0.18	0.25	20	20	DISCHARGE VALUES IN L/M	22.8	19.2	15.0	10.8	7.2											
TSH 2 ▲	0.37	0.5	25	25		40.8	37.8	34.2	31.2	28.2	24.6	21.6	18.0	15.0	12.0	9.6					
TMM 4	0.37	0.5	25	25		36.0	33.5	31.0	28.3	25.8	23.1	20.3	17.6	15.0	11.7	9.3					
TSH 2R	0.37	0.5	25	25		36.0	31.8	27.6	24.0	20.4	17.4	13.8	10.8	8.4							
TMM 4 R ■	0.37	0.5	25	25		33.0	30.0	27.0	24.0	21.0	18.0	15.0	12.0								
TSH 2RS	0.37	0.5	25	25		28.8	25.2	21.6	18.0	15.0	11.4	8.4									
TSH 2U	0.37	0.5	25	25		34.8	32.4	30.0	27.0	24.6	21.6	19.2	16.2	12.6	9.0						
TSH 3 ☼	0.75	1	25	25		42.0	40.2	38.4	36.6	34.8	33.0	31.2	29.4	27.0	25.2	24.0	22.8	21.6	19.8	18.6	17.4
TSH 3 D	0.75	1	25	25		60.0	58.2	56.4	54.6	52.2	50.4	48.0	45.0	40.8	36.6	33.0	29.4	25.2	21.0		
TGH 525 C	0.37	0.5	25	25		32.4	31.2	29.4	28.2	26.4	24.0	21.6	18.6	16.2	13.2						

### TARO "TCH SERIES" - SINGLE PHASE CAPACITOR START & RUN HIGH SPEED MINI MONOBLOCKS

Approximate performance values of TCH series at 220 V (-15% to +6%), 2900 rpm, 50 Hz AC power supply

Model Name	Motor Rating		Pipe Size (mm)		TOTAL HEAD VALUES																
					Metres	6	8	10	12	14	16	18	20	22	24	25	26	27	28	29	30
	kW	HP	Suc	Del.	Feet	19.7	26.2	32.8	39.4	45.9	52.5	59.0	65.6	72.2	78.7	82.0	85.3	88.6	91.8	95.1	98.4
TCH 4025	0.37	0.5	25	25	DISCHARGE VALUES IN L/M	34.2	33.6	32.4	31.8	30.6	30.0	28.8	27.6	26.4	24.6	24.0	22.8	22.2	21.0	19.8	18.6

In view of continuous improvements on existing products, information and performance values given in the catalogue are subject to change without notice.

Performance conforming to IS : 8472 and 996

▲ - Sets are ISI marked

☼ - Three phase version also available

■ - Aluminium die casted body also available

#### PRODUCT TYPE KEY

T S P 2 - Taro Self Priming slow speed monobloc (2 - Pump code)

T G H 5 2 5 - Taro Ring type self priming High speed monobloc (5 - Power code, 25 - Del. size)

T S H 2 R - Taro Self priming High speed mini monobloc (2 - Pump code, R - Standard series)

T R H 5 2 5 H - Taro Regenerative selfpriming High speed monobloc (5 - Power code, 25 - Del. size)

T S H 2 U - Taro Self priming High speed mini monobloc (2 - Pump code, Ultra suction)

T C H 4 0 2 5 - Taro Centrifugal High speed mini monobloc (40 - Power code, 25 - Del. size)



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