

# 3GT-SERIES

---

*Submersible Pumps* **50Hz**

**Floating**

*Stage System*



**SHI-SIN PUMP CO.,LTD.**

TEL:886-7-3735189 FAX:886-7-3736987  
No.234-5,Renlin Rd.,Renwu Dist.,Kaohsiung  
City 81460,Taiwan,R.O.C.  
<http://www.formosapump.com.tw>  
E-mail:sales@formosapump.com.tw

## 300 series stainless steel pumps

### Typical Applications

- Water supply system
- Booster
- Garden and farm irrigation
- Lowering underground water level
- Various industrial applications

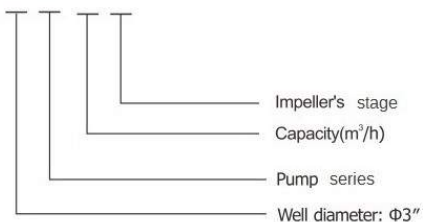
### Basic Features

- Delrin<sup>®</sup> impeller provides high efficiency performance and abrasion resistance.
- LEXAN<sup>®</sup> diffuser and disc - proven abrasion resistant material.
- Ceramic shaft sleeve and rubber discharge bearing protect shaft and eliminate sand wear
- Floating stage design allows impeller to float independently ,
- Maximum water temperature : 120°F / 50°C

### Motor

- Continuous service
- Power: 0.18~1.5KW(Single phase)
- Power: 0.18~1.5KW(Three phase)
- Insulation class: B
- Protection grade: IP 68
- Minimum well diameter:  $\Phi 3"$  &  $\Phi 3.5"$
- Highest temperature of liquid: 40 °C

### 3 GT 01 08



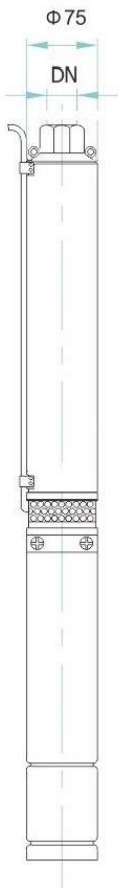
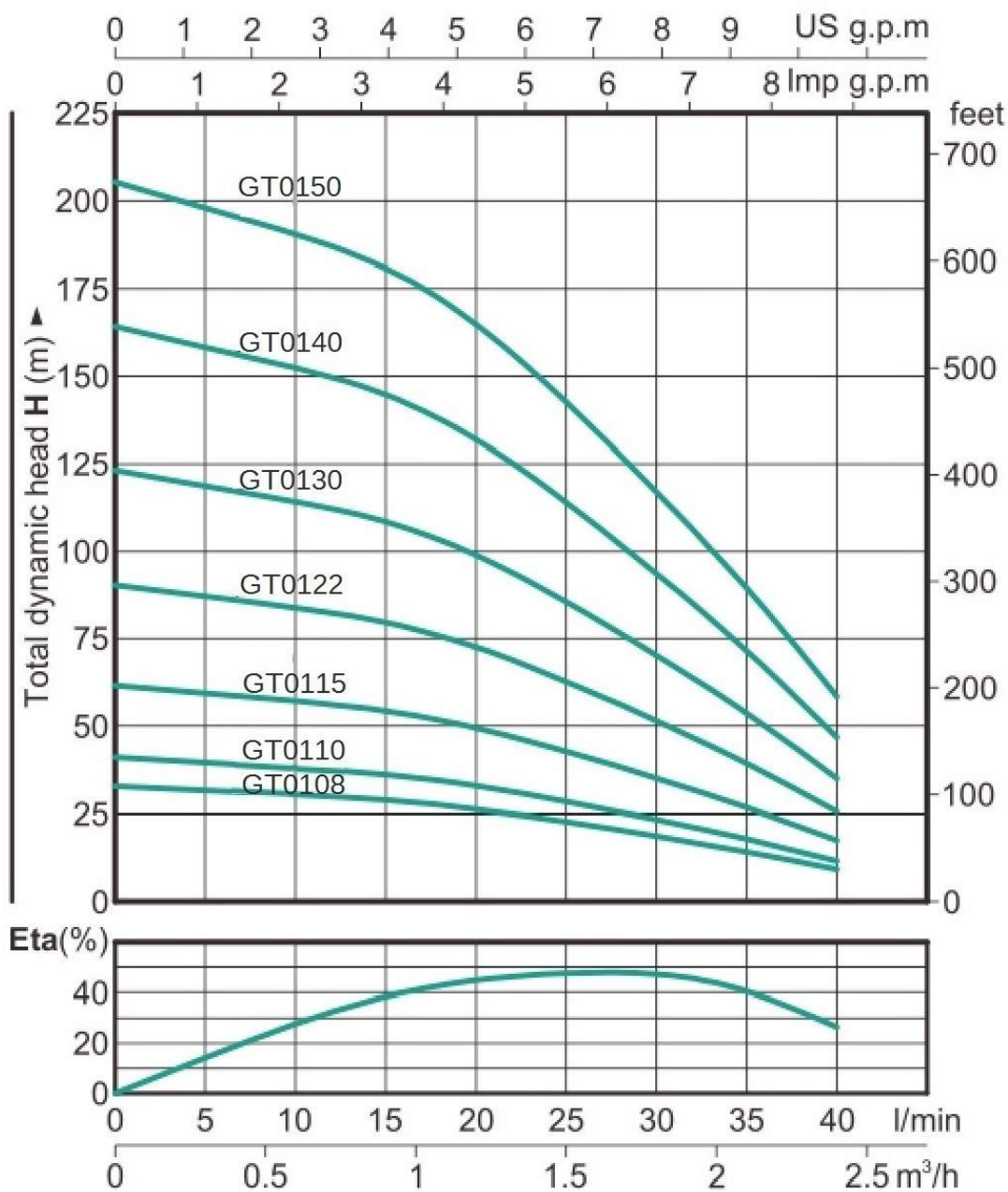
**NRV** - Delivery Casing



# 3"

## GT-01

### PERFORMANCE CURVES



#### PERFORMANCE DATA 50Hz

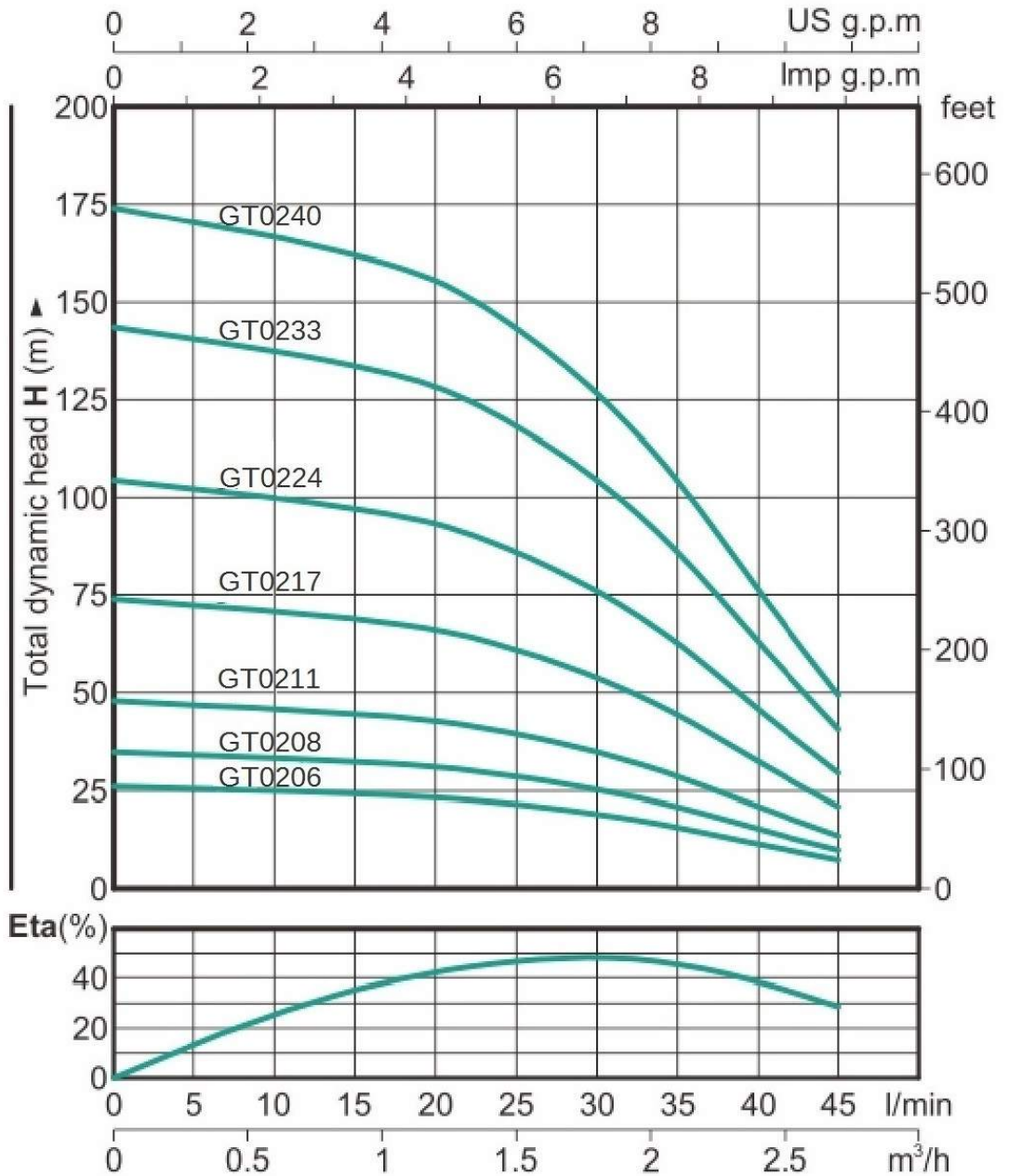
Outlet: PT 11/4"

MODEL	P <sub>2</sub>		DELIVERY n≈2850 1/min										
	KW	HP	Q	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	
			m³/h l/min	0	5	10	15	20	25	30	35	40	
GT0108	0.18	0.25	H(m)	33	32	30	29	26	23	19	14	9	
GT0110	0.25	0.33		41	40	38	36	33	29	23	18	12	
GT0115	0.37	0.5		62	59	57	54	49	43	35	27	18	
GT0122	0.55	0.75		90	87	84	80	73	63	51	39	26	
GT0130	0.75	1		123	119	114	109	99	86	70	54	35	
GT0140	1.1	1.5		164	158	152	145	132	114	94	71	47	
GT0150	1.5	2		205	198	190	181	165	143	117	89	59	

# 3"

## GT-02

### PERFORMANCE CURVES



PERFORMANCE DATA 50Hz

Outlet: PT 11/4"

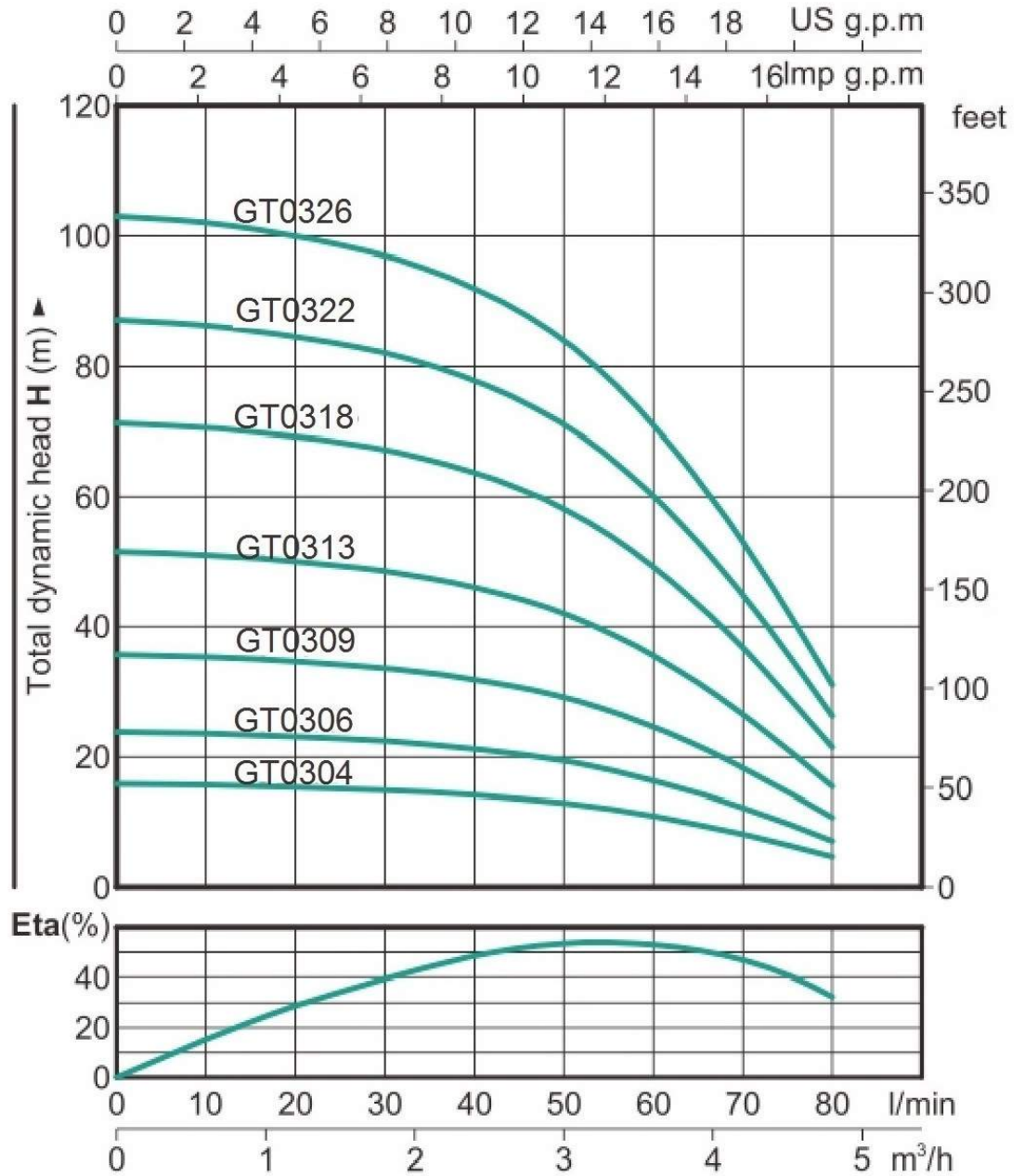
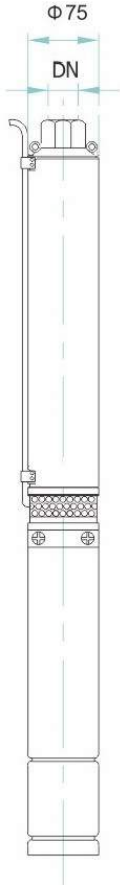
MODEL	P <sub>2</sub>		DELIVERY n≈2850 1/min										
	KW	HP	Q	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7
GT0206	0.18	0.25	H(m)	0	5	10	15	20	25	30	35	40	45
GT0208	0.25	0.33		26	26	25	24	23	21	19	16	11	7
GT0211	0.37	0.5		35	34	33	32	31	29	25	21	15	10
GT0217	0.55	0.75		48	47	46	45	43	39	35	29	21	14
GT0224	0.75	1		74	72	71	69	66	61	54	44	32	21
GT0233	1.1	1.5		104	102	100	97	93	86	76	63	46	30
GT0240	1.5	2		144	140	137	134	128	118	104	86	63	41
				174	170	167	162	155	143	127	104	76	49

# 3"



## GT-03

### PERFORMANCE CURVES



#### PERFORMANCE DATA 50Hz

Outlet: PT 11/4"

MODEL	P <sub>2</sub>		DELIVERY n≈2850 1/min										
	KW	HP	Q	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	
			$\frac{m^3/h}{l/min}$	0	10	20	30	40	50	60	70	80	
GT0304	0.18	0.25	H(m)	16	16	15	15	14	13	11	8	5	
GT0306	0.25	0.33		24	24	23	22	21	19	16	12	7	
GT0309	0.37	0.5		36	35	35	34	32	29	25	18	11	
GT0313	0.55	0.75		52	51	50	49	46	42	36	27	16	
GT0318	0.75	1		71	71	69	67	64	58	49	37	21	
GT0322	1.1	1.5		87	86	85	82	78	71	60	45	26	
GT0326	1.5	2		103	102	100	97	92	84	71	53	31	