

## GWD700A

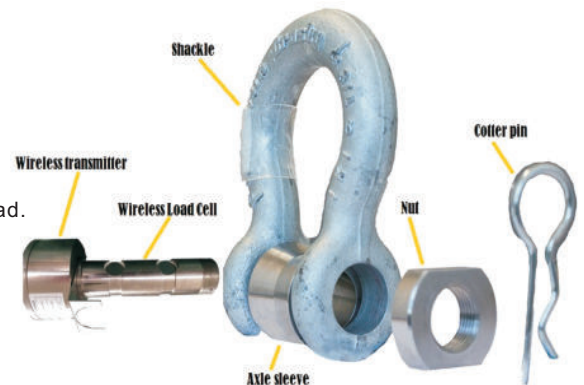
### DESCRIPTION

The Shackles Load Pin can be used in all applications where a load measuring survey is necessary. The load pin included on the shackle provides a proportional electrical signal according to the applied load. The transducer is constructed with high resistance stainless steel and is insensitive to external mechanical, chemical or marine effects making them ideal for use in harsh environmental conditions.



### FEATURES

- The shackle S6 grade:0.5t-1250t.
- S6 grade is structural alloy steel.
- The maximum testing load of 0.5t-150t shackle is 2 times of the working load,
- The maximum testing load 200t of 500t shackle is 1.5 times of the working load.
- The maximum testing load of 800t-12500t shackle is 1.33 times of the working load, the minimum breaking load is 1.5 times of the working load.
- Monitors traction force and other force measurement
- Available in 7 standard ranges between 0.5t-1250t
- Alloy steel and Stainless steel construction
- Special execution for harsh environmental conditions (IP66)
- High reliability for strict safety requirements
- Simple installation for cost-saving solutions to measurement problems.



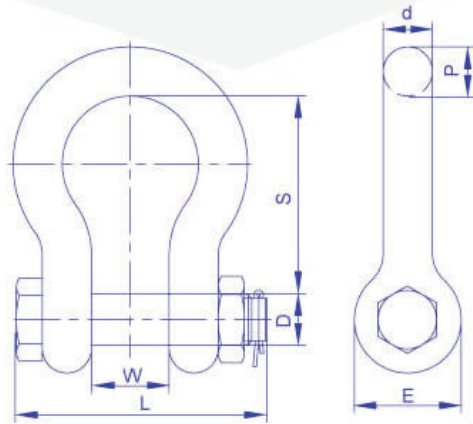
### APPLICATIONS

The GWD700A is designed for hoisting in several applications like cranes winches, lifting, and other marine applications. In combination with a portable GM 80 or LMU (Load Monitoring Unit), the GWD700A is the most reliable and simplest method to control your load application. Whether used in heavy lifting, mooring anchor placement or sub-sea applications, our cabled Load shackle offers robust construction, advanced electronics, industry leading resolution and accuracy all at a cost-effective, affordable price.

#### Applications Wireless Load Links Typical Specifications

Rate Load	0.5t-1250t	Overload Indication	100% F.S. + 9e
Proof Load	150% of rate load	Max. Safety Load	125% F.S.
Ultimate Load	400% F.S.	Battery Life	≥40 hours
Power On Zero Range	20% F.S.	Operating Temp.	- 10°C ~ + 40°C
Manual Zero Range	4% F.S.	Operating Humidity	≤85% RH under 20°C
Tare Range	20% F.S.	Remote Controller Distance	Max.15m
Stable Time	≤10seconds	Telemetry Frequency	470mhz
System Range	500~800m (In Open Area)		
Battery Type	18650 rechargeable batteries or polymer batteries (7.4v 2000 Mah)		

## DIMENSIONS



Load(t)	Shackle Load(t)	W	D	d	E	P	S	L	O	Weight(kg)
GWD700A-0.5t	0.5	12	8	6.5	15.5	6.5	29	37	20	0.05
GWD700A-0.7t	0.75	13.5	10	8	19	8	31	45	21.5	0.1
GWD700A-1t	1	17	12	9.5	23	9.5	36.5	54	26	0.13
GWD700A-1.5t	1.5	19	14	11	27	11	43	62	29.5	0.22
GWD700A-2t	2	20.5	16	13	30	13	48	71.5	33	0.31
GWD700A-3t	3.25	27	20	16	38	17.5	60.5	89	43	0.67
GWD700A-4t	4.75	32	22	19	46	20.5	71.5	105	51	1.14
GWD700A-5t	6.5	36.5	27	22.5	53	24.5	84	121	58	1.76
GWD700A-8t	8.5	43	30	25.5	60.5	27	95	136.5	68.5	2.58
GWD700A-9t	9.5	46	33	29.5	68.5	32	108	149.5	74	3.96
GWD700A-10t	12	51.5	36	33	76	35	119	164.5	82.5	5.06
GWD700A-13t	13.5	57	39	36	84	38	133.5	179	92	7.29
GWD700A-15t	17	60.5	42	39	92	41	146	194.5	98.5	8.75
GWD700A-25t	25	73	52	47	106.5	57	178	234	127	14.22
GWD700A-30t	35	82.5	60	53	122	61	197	262.5	146	21
GWD700A-50t	55	105	72	69	144.5	79.5	267	339	184	42.12
GWD700A-80t	85	127	85	76	165	92	330	394	200	74.8
GWD700A-100t	120	133.5	95	92	203	104.5	371.4	444	228.5	123.6
GWD700A-150t	150	140	110	104	228.5	116	368	489	254	165.9
GWD700A-200t	200	184	130	115	270	115	396	580	280	237
GWD700A-300t	300	200	150	130	320	130	450	644	300	363
GWD700A-500t	500	240	185	165	390	165	557.5	779	360	684
GWD700A-800t	800	300	240	207	493	207	660	952	440	1313
GWD700A-1000t	1000	390	270	240	556	240	780.5	1136	560	2024
GWD700A-1200t	1250	400	300	260	620	260	850	1225	560	2511