

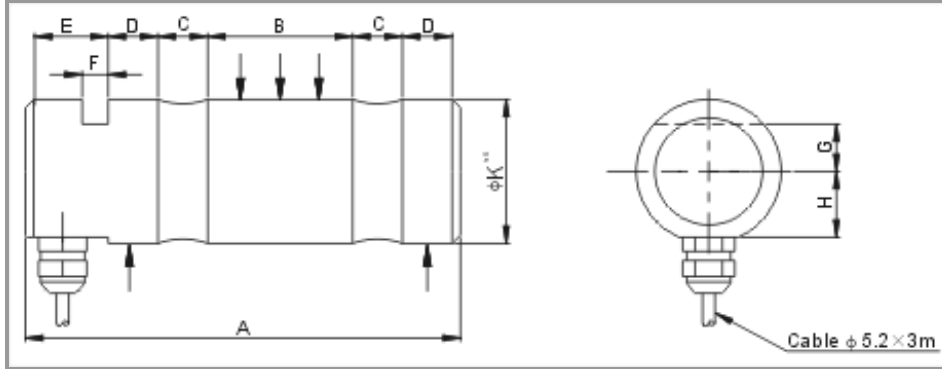
# MODEL – LPLC TRANSDUCERS

## Features:

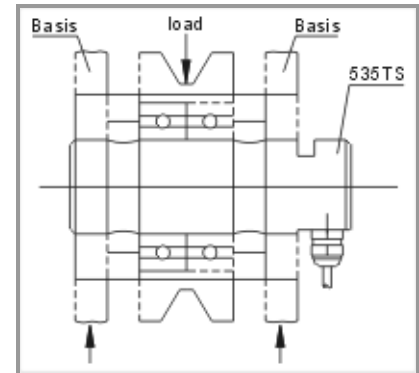
- ❑ Load cells made from stainless steel
- ❑ Small size, easy to install
- ❑ Safe load limit (EL) : 400% of FS
- ❑ Protection class IP67
- ❑ Hazardous area approved to Ex ib II CT4
- ❑ Options available:
  - Service temperature range up to 120°C
  - Service lightning proof

## Applications:

Off Shore, Rig, Oil Exploration.



Rated Capacity	Dimensions in 'mm'								
	A	B	C	D	E	F	G	H	K
2 ~ 5 t	105.0	35.0	12.0	12.0	20.0	6.3	11.5	16.0	35.0
10 t	152.0	48.0	18.0	18.0	30.0	10.5	20.0	22.5	50.0
20 t	190.0	65.0	25.0	20.0	32.0	10.5	22.5	28.5	65.0
40 t	256.0	89.0	28.0	35.0	36.0	12.5	22.5	28.5	85.0
70 t	328.0	120.0	32.0	50.0	40.0	15.0	34.0	35.0	100.0



## Technical Data:

Capacity	2, 5, 10, 20, 40, 70 t	
Sensitivity	1.0 ± 10% mV/V	
Non-linearity	± 0.05% FS	
Repeatability	± 0.03% FS	
Hysteresis	± 0.05% FS	
Creep (30 min.)	± 0.02% FS	
Zero Balance	± 1% FS	
Insulation Resistance	> 2000 MΩ (@ 50V DC)	
Resistance	Input	400 ± 25Ω
	Output	350 ± 3Ω
Temperature Range	Compensated	-10 ~ +40°C
	Operating	-30 ~ +70°C
Temperature Effect	Output (span)	0.02% FS/10°C
	Zero	0.02% FS/10°C
Maximum Supply Voltage	15V (DC/AC)	
Recommended Supply Voltage	10V (DC/AC)	
Safe Overload	200% FS	
Maximum Overload	400% FS	
Protection Class	IP 67	
Construction	Stainless Steel	
Optional	Explosion proof version (Ex ib II CT4)	

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