

Doowin Open Bottom Type Air Lift Bags

DOOWIN Open Bottom Air Lift Bags

DooFlex™ Open Bottom Parachute Type Lift Bags is designed as water drop shaped unit used for supporting and lifting loads from any depth. Its single point attachment is ideal for lightening underwater structures such as pipes their main application is for lifting sunken objects and other loads from seabed to the surface. The Top Dump Valve could control the buoyancy by the bottom rope.

DooFlex Open Bottom Parachute Type Lift Bags are fabricated from heavy duty polyester cloth coated with PVC that reach 10000N/5cm. The PVC material is made in Germany. It has a safe working load of SF 5:1.



Features and Advantages:

- Made of heavy duty PVC coated polyester fabric (Made in Germany).
- All RF welded seams for strength and integrity.
- Simple for air and water displacement.
- Fold compactly for easy efficient storage.
- Webbing harness equipped with single shackle fixing point 7:1 SF.
- Controlled buoyancy by mounted lanyard and manual dump valve system.
- Equipped with inverter line.
- Design safety factor 5:1.
- Delivered ready for use.
- Custom sizes and types are available.
- Standard color is yellow, on request also in orange available.

Application:

- Deep water salvage and re-floatation.
- Military and commercial equipment.
- Static buoyance.
- Subsea rigging.

Quality Assurance:

All DooFlex™ Proof Load Bags and Inflatable Lifting bags meets the standard of IMCA D016 and LEEA 051. DOOWIN Water Weight load testing bags passed drop test type certified by TUV. They comply to the highest industry standard to prove 6:1 safety factor comply with LEEA 051. The products passed rigorous ISO 9001:2008 Quality Management System, approved by the third party SGS, BV, CCS, ABS, LR, BV.



Specification Light Duty Commercial Models:

Article No.	Model	Lift Capacity in kg	Lift Capacity in LBS	Dimension diameter in mtr	Dimensions Height in mtr	Pick-up points	Dump valves	Approx. packed L in mtr	Approx. packed W in mtr	Approx. Packed H in mtr	Weight KG
75DOWOBP00025L	OBP-25L	25	55	0.4	0.8	1	YES	0.30	0.10	0.10	2
75DOWOBP00050L	OBP-50L	50	110	0.5	0.9	1	YES	0.40	0.15	0.15	3
75DOWOBP00100L	OBP-100L	100	220	0.6	1.1	1	YES	0.45	0.15	0.15	4
75DOWOBP00250L	OBP-250L	250	550	0.8	2.0	1	YES	0.54	0.20	0.20	5
75DOWOBP00500L	OBP-500L	500	1.100	1.2	2.0	1	YES	0.60	0.23	0.23	8

Specification Heavy Duty Professional Models:

Article No.	Model	Lift Capacity in kg	Lift Capacity in LBS	Dimension diameter in mtr	Dimensions Height in mtr	Pick-up points	Dump valves	Approx. packed L in mtr	Approx. packed W in mtr	Approx. Packed H in mtr	Weight KG
75DOWOBP01000	OBP-1	1.000	2.200	1.3	2.4	1	YES	0.8	0.4	0.3	15
75DOWOBP02000	OBP-2	2.000	4.400	1.8	2.6	1	YES	0.8	0.4	0.3	23
75DOWOBP03000	OBP-3	3.000	6.600	1.6	4.0	1	YES	1.2	0.4	0.3	35
75DOWOBP05000	OBP-5HD	5.000	11.000	2.0	3.8	1	YES	1.2	0.5	0.3	42
75DOWOBP06000	OBP-6	6.000	13.200	2.3	3.4	1	YES	1.2	0.6	0.5	52
75DOWOBP08000	OBP-8	8.000	17.600	2.4	3.6	1	YES	1.2	0.7	0.5	60
75DOWOBP10000	OBP-10	10.000	22.000	2.5	4.6	1	YES	1.3	0.6	0.5	80
75DOWOBP15000	OBP-15	15.000	33.000	3.0	4.3	1	YES	1.3	0.7	0.5	120
75DOWOBP20000	OBP-20	20.000	44.000	3.4	5.6	1	YES	1.3	0.7	0.6	160
75DOWOBP25000	OBP-25	25.000	55.125	3.9	6.0	1	YES	1.4	0.8	0.7	180
75DOWOBP30000	OBP-30	30.000	66.000	4.0	6.3	1	YES	1.4	1.0	0.8	210
75DOWOBP35000	OBP-35	35.000	77.000	4.2	6.5	1	YES	1.4	1.2	1.3	230
75DOWOBP50000	OBP-50	50.000	110.000	5.0	7.5	1	YES	1.5	1.4	1.3	300