

# LOAD MODULE SYSTEMS™

## FIXED-MOUNT Aero-Casters

Model (Insert Code N = Neoprene U = Urethane) (1)	System Capacity lbs (kg) (2)	No. and Model of Load Modules (1)	Dimension of each Load Module inches (mm)	Effective Lift Height inches (mm) (3)	Req'd size plant air hookup (NPT) inch (4)	Control Console	Rated Operating Pressure psig (kg/cm <sup>2</sup> ) (5)	Recommended Air Volume scfm (L/sec) (6 & 7)	Equipment Net Weight lbs (kg)
4K8_L	2,000 (900)	4K8__	8" x 8" x 1-7/8" (203 x 203 x 48)	3/8" (10)	1/2	BN34	12.5 (.9)	42 (20)	85 (39)
6K8_L	3,000 (1,350)	6K8__	8" x 8" x 1-7/8" (203 x 203 x 48)	3/8" (10)	1/2	BN66	12.5 (.9)	63 (30)	125 (57)
4K12_L	8,000 (3,600)	4K12__	12" x 12" x 1-7/8" (305 x 305 x 48)	3/4" (19)	3/4	BN34	25 (1.8)	84 (40)	90 (41)
6K12_L	12,000 (5,450)	6K12__	12" x 12" x 1-7/8" (305 x 305 x 48)	3/4" (19)	3/4	BN66	25 (1.8)	126 (60)	130 (59)
4K15_L	14,000 (6,350)	4K15__	15" x 15" x 1-7/8" (381 x 381 x 48)	7/8" (22)	3/4	BN64	25 (1.8)	98 (46)	105 (48)
6K15_L	21,000 (9,500)	6K15__	15" x 15" x 1-7/8" (381 x 381 x 48)	7/8" (22)	3/4	BN66	25 (1.8)	147 (69)	155 (70)
4K21_L	28,000 (12,700)	4K21__	21" x 21" x 2" (533 x 533 x 51)	1-1/8" (29)	3/4	BN64	25 (1.8)	112 (53)	150 (68)
6K21_L	42,000 (19,000)	6K21__	21" x 21" x 2" (533 x 533 x 51)	1-1/8" (29)	3/4 *	BN66	25 (1.8)	168 (79)	220 (100)
4K27_L	48,000 (21,700)	4K27__	27" x 27" x 2-7/16" (686 x 686 x 62)	1-3/8" (35)	3/4 *	BN64	25 (1.8)	126 (60)	270 (123)
4K21_HDL	56,000 (25,500)	4K21_HD	21" x 21" x 2" (533 x 533 x 51)	1-1/4" (32)	1	BN64	50 (3.5)	210 (99)	170 (77)
6K27_L	72,000 (32,500)	6K27__	27" x 27" x 2-7/16" (686 x 686 x 62)	1-3/8" (35)	1	BN66	25 (1.8)	189 (89)	400 (182)
4K36_L	80,000 (36,500)	4K36__	36" x 36" x 2-11/16" (914 x 914 x 68)	1-3/4" (45)	1-1/4	BN64	25 (1.8)	168 (79)	425 (193)
6K21_HDL	84,000 (38,000)	6K21_HD	21" x 21" x 2" (533 x 533 x 51)	1-1/4" (32)	1-1/4	BN66	50 (3.5)	315 (149)	245 (111)
4K27_HDL	96,000 (43,500)	4K27_HD	27" x 27" x 2-7/16" (686 x 686 x 62)	1-1/2" (38)	1-1/4	BN84	50 (3.5)	280 (132)	300 (136)
6K36_L	120,000 (54,500)	6K36__	36" x 36" x 2-11/16" (914 x 914 x 68)	1-3/4" (45)	1-1/4	BN66	25 (1.8)	252 (119)	625 (284)
6K27_HDL	144,000 (65,500)	6K27_HD	27" x 27" x 2-7/16" (686 x 686 x 62)	1-1/2" (38)	1-1/4	BN86	50 (3.5)	420 (198)	445 (202)
4K48_L	160,000 (72,500)	4K48__	48" x 48" x 2-11/16" (1219 x 1219 x 68)	2-5/8" (66)	1-1/4	BN84	25 (1.8)	182 (86)	725 (329)
6K48_L	240,000 (109,000)	6K48__	48" x 48" x 2-11/16" (1219 x 1219 x 68)	2-5/8" (66)	1-1/2	BN86	25 (1.8)	273 (129)	1,085 (493)
4K48_HDL	320,000 (145,000)	4K48_HD	48" x 48" x 2-11/16" (1219 x 1219 x 68)	2-1/2" (63)	1-1/2	BN84	50 (3.5)	350 (165)	785 (356)
6K48_HDL	480,000 (218,000)	6K48_HD	48" x 48" x 2-11/16" (1219 x 1219 x 68)	2-1/2" (63)	1-1/2	BN84	50 (3.5)	525 (248)	1,190 (540)

- Select Standard, or Urethane series Aero-Casters according to application requirements. To complete model number, insert N (neoprene) or U (Urethane) in the blank listed above.
- Load must be positioned so individual Aero-Caster capacities are not exceeded.
- Variances depending on Aero-Caster material - Consult factory
- Recommended for air supply hose length up to fifty (50) feet, consult factory for longer lengths.
- Recommended supply pressure: 25 psig above rated operating pressure.
- Air maximum load on required smooth troweled and sealed concrete or equivalent. (Includes Reserve Factor)
- Listed for Neoprene (N) - for Urethane (U) estimate 1.5 times larger  
\*Use one (1) inch for all Urethane (U) Systems  
Heavy Duty Aero-Caster specifications available by contacting the factory.  
For Floor Load Specifications - Consult Factory.  
All dimensions are approximate - Specing a design? Consult Factory for precise specifications

### Systems Include:

Specified number of Aero-Caster Load Modules (4 or 6).  
Control Console with regulators to control pressure/volume to each Aero-Caster Load Module.  
Interconnecting hoses - 20 feet (6 meters) in length for each Load Module (4 or 6).  
Quick disconnect fittings for all interconnecting hoses.

On/off ball valve for system control.

**Options:** Heavy-duty or economy storage carts are available to store your Load Module System when not in use.

