

Main Truck Specifications

| CHARACTERISTICS | | | | Nissan | Nissan | |
|-----------------|---------------------------|----------------------------------|--------------|---------------------------|---------------------------|------|
| 1 | Manufacturer's Name | | | Nissan | Nissan | 1 |
| 2 | Model | Model designation | | BXP50 | BXP50L | 2 |
| 3 | | Long model code | | P1B2R25V | PG1B2L25V | 3 |
| 4 | | | | Standard Wheelbase | Long Wheelbase | 4 |
| 5 | Rated Load Capacity | | lb (kg) | 5000 (2500) | 5000 (2500) | 5 |
| 6 | Load Center | Distance | in (mm) | 24 (500) | 24 (500) | 6 |
| 7 | Power Type | Electric | voltage | 48v | 48v | 7 |
| 8 | Operator Orientation | | | Sit | Sit | 8 |
| 9 | Tire Type | Front & rear | | Pneumatic | Pneumatic | 9 |
| 10 | Wheels | Number - front/rear (x=driven) | | 2x / 2 | 2x / 2 | 10 |
| 11 | Mast | Maximum fork height | in (mm) | 130 (3300) | 130 (3300) | 11 |
| 12 | | Mast lowered (OHL) | in (mm) | 84.1 (2136) | 84.1 (2136) | 12 |
| 13 | | Mast extended with LBR | in (mm) | 179.3 (4555) | 179.3 (4555) | 13 |
| 14 | | Standard freelif | in (mm) | 6.3 (160) | 6.3 (160) | 14 |
| 15 | Forks | Thickness & width | in (mm) | 1.5 x 4 (40x100) | 1.5 x 4 (40x100) | 15 |
| 16 | | Length (STD) | in (mm) | 42.1 (1070) | 42.1 (1070) | 16 |
| 17 | Tilt Angle | Standard mast - fwd/back | degree | 5/11 | 5/11 | 17 |
| 18 | Overall Dimensions | Length (to face of forks) | in (mm) | 91.5 (2325) | 96.3 (2445) | 18 |
| 19 | | Width (standard tires) | in (mm) | 45.9 (1165) | 45.9 (1165) | 19 |
| 20 | | Height - top of OHG | in (mm) | 83.5 (2120) | 89.6 (2275) | 20 |
| 21 | | Height - top of standard LBR | in (mm) | 48.0 (1220) | 48.0 (1220) | 21 |
| 22 | | Width - standard carriage | in (mm) | 40.2 (1020) | 40.2 (1020) | 22 |
| 23 | Grade Clearance | Ramp breakover angle | % | 31.0 | 28.0 | 23 |
| 24 | | Departure angle | % | 34.0 | 37.0 | 24 |
| 25 | Overhang | Front | in (mm) | 16.7 (425) | 16.7 (425) | 25 |
| 26 | | Rear | in (mm) | 17.7 (450) | 16.7 (425) | 26 |
| 27 | Turning Radius | Minimum outside | in (mm) | 78.7 (2000) | 84.3 (2140) | 27 |
| 28 | Min Right Angle Stack | Add load length & clearance | in (mm) | 95.4 (2425) | 101.0 (2565) | 28 |
| 29 | Speeds Maximum | Travel - loaded | mph (km/h) | 9.3 (15.0) | 9.3 (15.0) | 29 |
| 30 | | Travel - unloaded | mph (km/h) | 10.6 (17.0) | 10.6 (17.0) | 30 |
| 31 | | Lift - loaded | fpm (mm/sec) | 67.9 (345) | 67.9 (345) | 31 |
| 32 | | Lift - unloaded | fpm (mm/sec) | 119.1 (605) | 119.1 (605) | 32 |
| 33 | | Lowering - loaded | fpm (mm/sec) | 98.4 (500) | 98.4 (500) | 33 |
| 34 | | Lowering - unloaded | fpm (mm/sec) | 98.4 (500) | 98.4 (500) | 34 |
| 35 | Drawbar Pull Maximum | Full load | lb (N) | 3281 (14595) | 3281 (14595) | 35 |
| 36 | Gradeability Maximum | Full load | % | 19.0 | 19.0 | 36 |
| 37 | | Empty | % | 33.0 | 33.0 | 37 |
| 38 | Truck Weight | Single tire w/min. battery | lb (kg) | 8423 (3820) | 8346 (3785) | 38 |
| 39 | Weight Distribution | Front axle - empty, min. battery | lb (kg) | 3274 (1485) | 3649 (1655) | 39 |
| 40 | | Rear axle - empty, min. battery | lb (kg) | 5149 (2335) | 4697 (2130) | 40 |
| 41 | Tire Size | Front | in | 23x9-10-16PR | 23x9-10-16PR | 41 |
| 42 | | Rear | in | 18x7-8-14PR | 18x7-8-14PR | 42 |
| 43 | Wheelbase | | in (mm) | 57.1 (1450) | 62.8 (1595) | 43 |
| 44 | Tread - Center of Tire | Front / rear (standard tires) | in (mm) | 37.0 / 36.8 (940 / 935) | 37.0 / 36.6 (940 / 930) | 44 |
| 45 | Headroom | SIP to bottom of OHG | in (mm) | 40.9 (1040) | 42.7 (1085) | 45 |
| 46 | Counterweight Height | | in (mm) | 38.2 (970) | 42.5 (1080) | 46 |
| 47 | Step Height | | in (mm) | 20.5 (520) | 20.5 (520) | 47 |
| 48 | Ground Clearance | Under mast | in (mm) | 4.1 (105) | 4.1 (105) | 48 |
| 49 | | Under power unit | in (mm) | 5.1 (130) | 5.1 (130) | 49 |
| 50 | | Under frame, center of wheelbase | in (mm) | 4.3 (110) | 4.3 (110) | 50 |
| 51 | Service Brake | Type | | Hyd / Elec | Hyd / Elec | 51 |
| 52 | Parking Brake | Type | | Pedal | Pedal | 52 |
| 53 | Steering | On-demand | | Hydraulic | Hydraulic | 53 |
| 54 | Traction Motor | Type | | AC Induction | AC Induction | 54 |
| 55 | | Control type | | MOD-INV | MOD-INV | 55 |
| 56 | | Rating | kW/h | | 12.0 | 12.0 |
| 57 | Pump Motor | Type | | AC Induction | AC Induction | 57 |
| 58 | | Rating | kW/5min | | 13.5 | 13.5 |
| 59 | Recommended Size* | W x H | in (mm) | 38.58 x 18.50 (980 x 470) | 38.58 x 22.83 (980 x 580) | 59 |
| 60 | | L | in (mm) | 33.66 (855) | 39.76 (1010) | 60 |
| 61 | Battery Compartment Size* | W x H - Maximum | in (mm) | 38.81 x 18.50 (986 x 470) | 38.81 x 22.83 (986 x 580) | 61 |
| 62 | | L - Maximum | in (mm) | 33.85 (860) | 39.96 (1015) | 62 |
| 63 | Lead acid* | Type | | CF | CF | 63 |
| 64 | | Capacity | Ah/5h | | CF | CF |
| 65 | Weight | Minimum / Maximum | lb (kg) | 1973 / 2976 (895 / 1350) | 2535 / 3747 (1150 / 1700) | 65 |
| 66 | Lead Length | Position B | in (mm) | 25 (635) | 25 (635) | 66 |
| 67 | Connector | | Type | SB-350 Gray | SB-350 Gray | 67 |