

SOLIDEAL BACKHOE PNEUMATICS

| Tyre designation | | Tread pattern | | PR | RIM (4) | | Application (2) | TUBE | Speed Symbol | Max. infl. Press. | Tyre dim. max. in service | | MAXIMUM LOAD VERSUS SPEED | | | | | | | | | | | |
|------------------|------|---------------|-----|-----|-----------|-------------------|------------------|---------|--------------|-------------------|---------------------------|------|---------------------------|--------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Size | Type | Type | TRA | | Recom | Appr. | | | | | Width | O.D. | 0km/h | 5km/h | 10km/h | 15km/h | 20km/h | 25km/h | 30km/h | 35km/h | 40km/h | 45km/h | 50km/h | |
| 11L-15SL | IMP | MR | F3 | 8 | 8LB-15 | 10LB-15 | | TBLS | A8 | 250 | 305 | 847 | | | | 1325 | | | | | | 1150 | | |
| 11L-15SL | IMP | MR | F3 | 10 | 8LB-15 | 10LB-15 | | TBLS | A8 | 300 | 305 | 847 | | | | 1520 | | | | | | 1320 | | |
| 11L-16SL | IMP | MR | F3 | 10 | 8LB-16 | W8L 10LB, W10L-16 | | TBLS | A8 | 300 | 305 | 873 | | | | 1565 | | | | | | 1360 | | |
| 11L-16SL | IMP | MR | F3 | 12 | 8LB-16 | W8L 10LB, W10L-16 | | TBLS | A8 | 360 | 305 | 873 | | | | 1790 | | | | | | 1555 | | |
| 14.5/75-16.1SL | AGRI | MR | F3 | 10 | 16.1XW11C | | | TBLS | A8 | 280 | 373 | 940 | 4350 | 2420 ⁹⁾ | 2175 | | 1855 | 1610 | | | | 1450 | | |
| 10.5/80-18 | IMP | SL | R4 | 10 | W9-18 | W8-18, 9-18 | Drive (6) | TBLS | A6 | 370 | 288 | 930 | 2245 | | 1755 | 1645 | 1550 | 1455 | 1360 | 1290 | 1225 | | | |
| | | | | | | | Free Rolling (7) | A6 | 370 | | | | 3220 | | 2515 | 2360 | 2225 | 2085 | 1950 | 1855 | 1755 | | | |
| 10.5/80-18 | IMP | SL | R4 | 12 | W9-18 | W8-18, 9-18 | Drive (6) | TBLS | A6 | 440 | 288 | 930 | 2475 | | 1935 | 1815 | 1710 | 1605 | 1500 | 1425 | 1350 | | | |
| | | | | | | | Free Rolling (7) | A6 | 440 | | | | 3500 | | 2735 | 2565 | 2415 | 2270 | 2120 | 2015 | 1910 | | | |
| 12.5/80-18 | IMP | SL | R4 | 12 | W9-18 | 11-18 | Drive (6) | TBLS | A6 | 370 | 322 | 1014 | 3055 | | 2385 | 2240 | 2110 | 1980 | 1850 | 1760 | 1665 | | | |
| | | | | | | | Free Rolling (7) | A6 | 370 | | | | 4375 | | 3420 | 3205 | 3020 | 2835 | 2650 | 2520 | 2385 | | | |
| 14.9-24 | IND | SL | R4 | 6° | W13-24 | W11-24, W12-24 | Cyclic (8) | TBLS | A8 | 170 | 409 | 1279 | 4485 | 3255 | 2925 | 2615 | 2400 | 2165 | 2085 | 2010 | 1950 | 1870 | 1775 | |
| | | | | | | | Constant (9) | A8 | 170 | | | | 4485 | 2830 | 2440 | 2205 | 2125 | 2065 | 2030 | 1990 | 1950 | 1870 | 1775 | |
| 14.9-24 | IND | SL | R4 | 8° | W13-24 | W11-24, W12-24 | Cyclic (8) | TBLS | A8 | 210 | 409 | 1279 | 5290 | 3840 | 3450 | 3080 | 2830 | 2555 | 2460 | 2370 | 2300 | 2210 | 2095 | |
| | | | | | | | Constant (9) | A8 | 210 | | | | 5290 | 3335 | 2875 | 2600 | 2505 | 2440 | 2390 | 2345 | 2300 | 2210 | 2095 | |
| 14.9-24 | IND | SL | R4 | 12 | W13-24 | W11-24, W12-24 | Cyclic (8) | TBLS | A8 | 290 | 409 | 1279 | 6670 | 4845 | 4350 | 3885 | 3565 | 3220 | 3105 | 2985 | 2900 | 2785 | 2640 | |
| | | | | | | | Constant (9) | A8 | 290 | | | | 6670 | 4205 | 3625 | 3275 | 3160 | 3075 | 3015 | 2960 | 2900 | 2785 | 2640 | |
| 16.9-24 | IND | SL | R4 | 8° | W15L-24 | W14L-24 | Cyclic (8) | TBLS | A8 | 190 | 464 | 1351 | 6095 | 4425 | 3975 | 3550 | 3260 | 2940 | 2835 | 2730 | 2650 | 2545 | 2410 | |
| | | | | | | | Constant (9) | A8 | 190 | | | | 6095 | 3845 | 3315 | 2995 | 2890 | 2810 | 2755 | 2705 | 2650 | 2545 | 2410 | |
| 16.9-24 | IND | SL | R4 | 10 | W15L-24 | W14L-24 | Cyclic (8) | TBLS | A8 | 220 | 464 | 1351 | 6900 | 5010 | 4500 | 4020 | 3690 | 3330 | 3210 | 3090 | 3000 | 2880 | 2730 | |
| | | | | | | | Constant (9) | A8 | 220 | | | | 6900 | 4350 | 3750 | 3390 | 3270 | 3180 | 3120 | 3060 | 3000 | 2880 | 2730 | |
| 16.9-24 | IND | SL | R4 | 12° | W15L-24 | W14L-24 | Cyclic (8) | TBLS | A8 | 260 | 464 | 1351 | 7475 | 5430 | 4875 | 4355 | 4000 | 3610 | 3480 | 3350 | 3250 | 3120 | 2960 | |
| | | | | | | | Constant (9) | A8 | 260 | | | | 7475 | 4715 | 4065 | 3675 | 3545 | 3445 | 3380 | 3315 | 3250 | 3120 | 2960 | |
| 17.5L-25 | IND | SL | R4 | 6 | W15L-24 | W14L-24 | Cyclic (8) | TBLS | A8 | 140 | 480 | 1278 | 4600 | 3340 | 3000 | 2680 | 2460 | 2220 | 2140 | 2060 | 2000 | 1920 | 1820 | |
| | | | | | | | Constant (9) | A8 | 140 | | | | 4600 | 3340 | 3000 | 2680 | 2460 | 2220 | 2140 | 2060 | 2000 | 1920 | 1820 | |
| 17.5L-24 | IND | SL | R4 | 8 | W15L-24 | W14L-24 | Cyclic (8) | TBLS | A8 | 170 | 480 | 1278 | 5590 | 4060 | 3645 | 3255 | 2990 | 2695 | 2600 | 2505 | 2430 | 2335 | 2210 | |
| | | | | | | | Constant (9) | A8 | 170 | | | | 5590 | 4060 | 3645 | 3255 | 2990 | 2695 | 2600 | 2505 | 2430 | 2335 | 2210 | |
| 17.5L-24 | IND | SL | R4 | 10 | W15L-24 | W14L-24 | Cyclic (8) | TBLS | A8 | 220 | 480 | 1278 | 6440 | 4675 | 4200 | 3750 | 3445 | 3110 | 2995 | 2885 | 2800 | 2690 | 2550 | |
| | | | | | | | Constant (9) | A8 | 220 | | | | 6440 | 4060 | 3500 | 3165 | 3050 | 2970 | 2910 | 2855 | 2800 | 2690 | 2550 | |
| 19.5L-24 | IND | SL | R4 | 10° | W16L-24 | DW16A, W15L-24 | Cyclic (8) | TBLS | A8 | 190 | 535 | 1356 | 7075 | 5135 | 4615 | 4120 | 3780 | 3415 | 3290 | 3165 | 3075 | 2950 | 2800 | |
| | | | | | | | Constant (9) | A8 | 190 | | | | 7075 | 4460 | 3845 | 3475 | 3350 | 3260 | 3200 | 3135 | 3075 | 2950 | 2800 | |
| 19.5L-24 | IND | SL | R4 | 12 | DW16A-24 | W16L-24 | Cyclic (8) | TBLS | A8 | 230 | 535 | 1356 | 7935 | 5760 | 5175 | 4625 | 4245 | 3830 | 3690 | 3555 | 3450 | 3310 | 3140 | |
| | | | | | | | Constant (9) | A8 | 230 | | | | 7935 | 5005 | 4315 | 3900 | 3760 | 3655 | 3590 | 3520 | 3450 | 3310 | 3140 | |
| 21L-24 | IND | SL | R4 | 10° | W18L-24 | DW18A-24 | Cyclic (8) | TBLS | A8 | 180 | 576 | 1424 | 4600 | 3340 | 3000 | 2680 | 2460 | 2220 | 2140 | 2060 | 2000 | 1920 | 1820 | |
| | | | | | | | Constant (9) | A8 | 180 | | | | 4600 | 2900 | 2500 | 2260 | 2180 | 2120 | 2080 | 2040 | 2000 | 1920 | 1820 | |
| 21L-24 | IND | SL | R4 | 12° | DW18A-24 | W18L-24 | Cyclic (8) | TBLS | A8 | 220 | 576 | 1424 | 5590 | 4060 | 3645 | 3255 | 2990 | 2695 | 2600 | 2505 | 2430 | 2335 | 2210 | |
| | | | | | | | Constant (9) | A8 | 220 | | | | 5590 | 3525 | 3040 | 2745 | 2650 | 2575 | 2525 | 2480 | 2430 | 2335 | 2210 | |
| 18.4-26 | IND | SL | R4 | 12° | W16L-26 | DW16A, W15L-26 | Cyclic (8) | TBLS/TT | A8 | 250 | 505 | 1523 | 9200 | 6680 | 6000 | 5360 | 4920 | 4440 | 4280 | 4120 | 4000 | 3840 | 3640 | |
| | | | | | | | Constant (9) | A8 | 250 | | | | 9200 | 5800 | 5000 | 4520 | 4360 | 4240 | 4160 | 4080 | 4000 | 3840 | 3640 | |
| 16.9-28 | IND | SL | R4 | 8° | W15L-28 | W14L-28 | Cyclic (8) | TBLS/TT | A8 | 190 | 464 | 1452 | 6670 | 4845 | 4350 | 3885 | 3565 | 3220 | 3105 | 2985 | 2900 | 2785 | 2640 | |
| | | | | | | | Constant (9) | A8 | 190 | | | | 6670 | 4205 | 3625 | 3275 | 3160 | 3075 | 3015 | 2960 | 2900 | 2785 | 2640 | |
| 16.9-28 | IND | SL | R4 | 10° | W15L-28 | W14L-28 | Cyclic (8) | TBLS/TT | A8 | 220 | 464 | 1452 | 7245 | 5260 | 4725 | 4220 | 3875 | 3495 | 3370 | 3245 | 3150 | 3025 | 2865 | |
| | | | | | | | Constant (9) | A8 | 220 | | | | 7245 | 4570 | 3940 | 3560 | 3435 | 3340 | 3275 | 3215 | 3150 | 3025 | 2865 | |
| 16.9-28 | IND | SL | R4 | 12° | W15L-28 | W14L-28 | Cyclic (8) | TBLS/TT | A8 | 260 | 464 | 1452 | 8165 | 5930 | 5325 | 4755 | 4365 | 3940 | 3800 | 3655 | 3550 | 3410 | 3230 | |
| | | | | | | | Constant (9) | A8 | 260 | | | | 8165 | 5150 | 4440 | 4010 | 3870 | 3765 | 3690 | 3620 | 3550 | 3410 | 3230 | |
| 18.4-28 | IND | SL | R4 | 10° | W16L-28 | W15L-28 | Cyclic (8) | TBLS/TT | A8 | 210 | 504 | 1500 | 8165 | 5930 | 5325 | 4755 | 4365 | 3940 | 3800 | 3655 | 3550 | 3410 | 3230 | |
| | | | | | | | Constant (9) | A8 | 210 | | | | 8165 | 5150 | 4440 | 4010 | 3870 | 3765 | 3690 | 3620 | 3550 | 3410 | 3230 | |
| 18.4-28 | IND | SL | R4 | 12° | W16L-28 | W15L-28 | Cyclic (8) | TBLS/TT | A8 | 250 | 504 | 1500 | 9490 | 6890 | 6190 | 5530 | 5075 | 4580 | 4415 | 4250 | 4125 | 3960 | 3755 | |
| | | | | | | | Constant (9) | A8 | 250 | | | | 9490 | 5980 | 5155 | 4660 | 4495 | 4375 | 4290 | 4210 | 4125 | 3960 | 3755 | |
| 21L-28 | IND | SL | R4 | 10° | W18L-28 | | Cyclic (8) | TBLS/TT | A8 | 190 | 576 | 1550 | 8915 | 6470 | 5815 | 5195 | 4765 | 4300 | 4145 | 3990 | 3875 | 3720 | 3525 | |
| | | | | | | | Constant (9) | A8 | | | | | 8915 | 5620 | 4845 | 4380 | 4225 | 4110 | 4030 | 3955 | 3875 | 3720 | 3525 | |
| 21L-28 | IND | SL | R4 | 12° | W18L-28 | | Cyclic (8) | TBLS/TT | A8 | 220 | 576 | 1550 | 9775 | 7100 | 6375 | 5695 | 5230 | 4720 | 4550 | 4380 | 4250 | 4080 | 3870 | |
| | | | | | | | Constant (9) | A8 | | | | | 9775 | 6165 | 5315 | 4805 | 4635 | 4505 | 4420 | 4335 | 4250 | 4080 | 3870 | |
| 21L-28 | IND | SL | R4 | 14° | W18L-28 | | Cyclic (8) | TBLS/TT | A8 | 250 | 576 | 1550 | 10350 | 7515 | 6750 | 6030 | 5535 | 4995 | 4815 | 4635 | 4500 | 4320 | 4095 | |
| | | | | | | | Constant (9) | A8 | | | | | 10350 | 6525 | 5625 | 5085 | 4905 | 4770 | 4680 | 4590 | 4500 | 4320 | 4095 | |

REMARKS

- Maximum inflation pressures for the sizes and ply ratings shown are the maximum shipping pressures as well.
- For loads and inflation pressures on agricultural tractors consult Tweco N.V. (except for 14.5/75-16, 1 SL Agri).
- Lower inflation pressures may be used at lower loads, please consult Tweco N.V.
- IMPORTANT: Rim dimensions are standardised for size and contour only. The rim/wheel manufacturer has to be consulted for maximum load and inflation pressure referring to the values given for the tyres for the intended service.
- For cyclic operations only, except hillside combines.
- The maximum load for Stationary service is 235% of 40km/h load.
- For tractor steering wheels: load is 80% of free rolling load.
- Cyclic application means that the minimum load does not exceed 60% of the maximum rated tyre load and vehicle operates over unimproved but generally level terrain, 5 km/h load valid for maximum one way distance of 150m, 10km/h value valid for maximum one way distance of 600 m.
- Constant load or regular application.
- Available later 2001.

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