



CASE
CONSTRUCTION

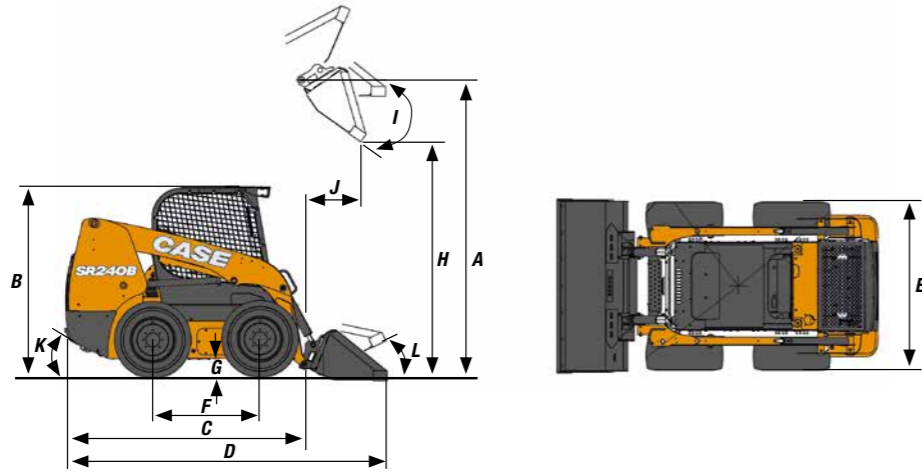
B SERIES

SKID STEER LOADERS COMPACT TRACK LOADERS



SR175B | SV185B | SR210B | SR240B | SV280B
SV340B | TR270B | TR310B | TV370B | TV450B

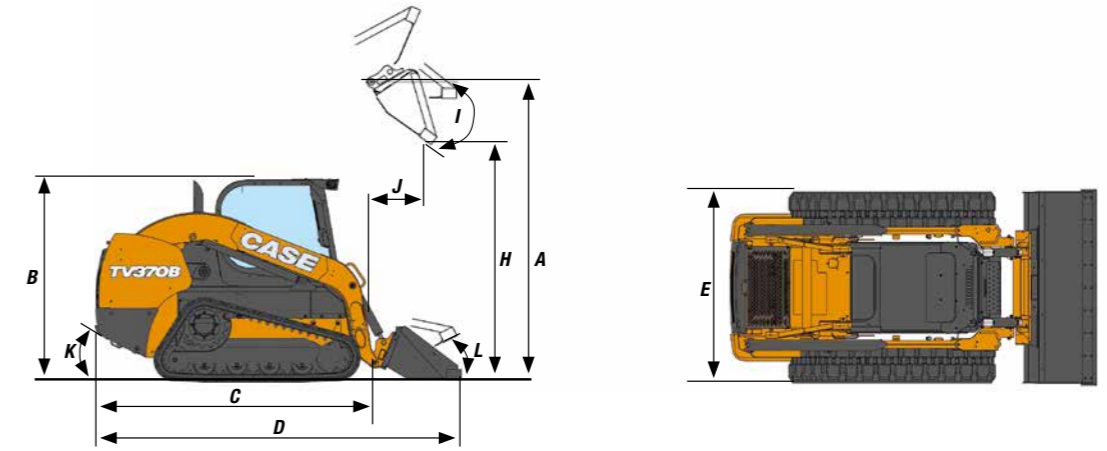
DIMENSIONS AND SPECIFICATIONS



| GENERAL DIMENSIONS | | SR175B | SV185B | SR210B | SR240B | SV280B | SV340B |
|---------------------------------------------------|----|-------------|-------------|-------------|-------------|-------------|-------------|
| A - Height to bucket hinge pin | mm | 3099 | 3048 | 3124 | 3178 | 3302 | 3343 |
| B - Height to top of ROPS | mm | 1974 | 1974 | 1998 | 2002 | 2002 | 2044 |
| C - Length without attachment | mm | 2685 | 2685 | 2669 | 2981 | 2990 | 3025 |
| D - Length with DF bucket (LPE bucket)* | mm | 3305 (3538) | 3345 (3578) | 3292 (3525) | 3611 (3843) | 3604 (3835) | 3665 (3897) |
| E - Overall width | mm | 1642 | 1642 | 1755 | 1768 | 1768 | 1875 |
| F - Wheelbase | mm | 1128 | 1128 | 1128 | 1322 | 1322 | 1322 |
| G - Ground clearance | mm | 178 | 178 | 203 | 203 | 203 | 244 |
| H - Dump height with DF bucket (LPE bucket)* | mm | 2470 (2322) | 2380 (2214) | 2495 (2347) | 2562 (2419) | 2629 (2465) | 2671 (2507) |
| I - Dump angle | ° | 40 | 52 | 40 | 38 | 54 | 47 |
| J - Dump reach @ max height with DF bucket (LPE)* | mm | 542 (721) | 783 (946) | 517 (696) | 494 (677) | 672 (837) | 615 (779) |
| K - Angle of departure | ° | 23 | 23 | 25 | 24 | 24 | 27 |
| L - Rollback angle (bucket on ground) | ° | 32 | 35 | 31 | 31 | 35 | 35 |

| SPECIFICATIONS | | SR175B | SV185B | SR210B | SR240B | SV280B | SV340B |
|----------------------------------|-------------|------------------------------|------------------------------|---------------------|---------------------|---------------------|---------------------|
| Frame Size | | Medium | Medium | Medium | Large | Large | Large |
| Emissions Level | | Stage V | Stage V | Stage V | Stage V | Stage V | Stage V |
| PERFORMANCE SPECS | | | | | | | |
| Rated Operating Capacity 50% | kg | 790 | 840 | 955 | 1088 | 1270 | 1545 |
| ROC with counterweights 50% | kg | 835 | 885 | 1000 | 1178 | 1360 | 1635 |
| Tipping load | kg | 1588 | 1678 | 1909 | 2177 | 2540 | 3091 |
| Lift cylinder breakout force** | kN | 16.9 | 15.3 | 20.3 | 25.0 | 25.0 | 28.1 |
| Bucket cylinder breakout force** | kN | 32.3 | 24.7 | 32.3 | 39.4 | 33.7 | 36.3 |
| ENGINE | | | | | | | |
| Engine make - Model | | PERKINS 6184/2800 404J-E22TA | PERKINS 6182/2800 404J-E22TA | FPT F5H F5HGL463E*X | FPT F5H F5HGL463E*X | FPT F5H F5HGL463E*X | FPT F5M F5MGL413G*V |
| Displacement | l | 2.2 | 2.2 | 3.4 | 3.4 | 3.4 | 3.6 |
| Horsepower | hp (kW)/rpm | 67 (50) @ 2800 | 60 (45) @ 2800 | 74 (55) @ 2500 | 74 (55) @ 2500 | 74 (55) @ 2500 | 90 (67) @ 2500 |
| Peak torque | Nm/rpm | 208 @ 1800 | 183 @ 1800 | 314 @ 1400 | 314 @ 1400 | 314 @ 1400 | 383 @ 1400 |
| TRAVEL SPEED | | | | | | | |
| Low range | km/h | 11.9 | 11.9 | 11.4 | 11.3 | 11.3 | 12.4 |
| High range (optional) | km/h | 17.4 | 17.4 | 16.9 | 16.9 | 16.9 | 18.5 |
| HYDRAULIC SYSTEM | | | | | | | |
| Pump flow | LPM | 78 | 78 | 92 | 92 | 92 | 92 |
| Optional high flow | LPM | 116 | 116 | 126 | 143 | 143 | 149 |
| Relief pressure | bar | 210 | 210 | 210 | 210 | 210 | 238 |
| Optional enhanced high flow | bar | N/A | N/A | N/A | N/A | N/A | 276 |
| WEIGHTS | | | | | | | |
| Operating weight | kg | 2842 | 2980 | 3160 | 3350 | 3630 | 4045 |
| Shipping weight | kg | 2705 | 2840 | 3025 | 3200 | 3475 | 3890 |
| SERVICE CAPACITY | | | | | | | |
| Fuel tank | l | 73.8 | 73.8 | 73.8 | 96.5 | 96.5 | 96.5 |

* LPE (Low Profile Extended) is the standard ex-factory bucket. DF (Dirt & Foundry) bucket can be obtained through Parts dept.
** Breakout forces estimated considering both tip and hydraulic limits.



| GENERAL DIMENSIONS | | TR270B | TR310B | TV370B | TV450B |
|---------------------------------------------------|----|-------------|-------------|-------------|-------------|
| A - Height to bucket hinge pin | mm | 3178 | 3178 | 3343 | 3344 |
| B - Height to top of ROPS | mm | 1998 | 1998 | 2044 | 2044 |
| C - Length without attachment | mm | 2662 | 2662 | 2984 | 3050 |
| D - Length with DF bucket (LPE bucket)* | mm | 3280 (3512) | 3280 (3512) | 3604 (3835) | 3667 (3899) |
| E - Overall width | mm | 1676 | 1887 | 1943 | 1943 |
| F - Wheelbase | mm | NA | NA | NA | NA |
| G - Ground clearance | mm | 207 | 207 | 244 | 244 |
| H - Dump height with DF bucket (LPE bucket)* | mm | 2556 (2410) | 2556 (2410) | 2669 (2505) | 2645 (2481) |
| I - Dump angle | ° | 38 | 38 | 53 | 45 |
| J - Dump reach @ max height with DF bucket (LPE)* | mm | 566 (745) | 566 (745) | 716 (880) | 727 (891) |
| K - Angle of departure | ° | 32 | 32 | 32 | 32 |
| L - Rollback angle (bucket on ground) | ° | 31 | 31 | 35 | 32 |

| SPECIFICATIONS | | TR270B | TR310B | TV370B | TV450B |
|----------------------------------|-------------|--------------------|---------------------|---------------------|---------------------|
| Frame Size | | Medium | Medium | Large | Large |
| Emissions Level | | Stage V | Stage V | Stage V | Stage V |
| PERFORMANCE SPECS | | | | | |
| Rated Operating Capacity 50% | kg | 50%: 1225 35%: 860 | 50%: 1406 35%: 984 | 50%: 1682 35%: 1178 | 50%: 2045 35%: 1432 |
| ROC with counterweights 50% | kg | 50%: 1280 35%: 915 | 50%: 1461 35%: 1039 | 50%: 1927 35%: 1331 | 50%: 2343 35%: 1618 |
| Tipping load | kg | 2450 | 2810 | 3364 | 4091 |
| Lift cylinder breakout force** | kN | 27.8 | 29.0 | 26.8 | 33.9 |
| Bucket cylinder breakout force** | kN | 32.3 | 38.6 | 33.4 | 41.8 |
| ENGINE | | | | | |
| Engine make - Model | | FPT F5H | FPT F5H | FPT F5H | FPT F5M |
| Displacement | l | 3.4 | 3.4 | 3.4 | 3.6 |
| Horsepower | hp (kW)/rpm | 74 (55) @ 2500 | 74 (55) @ 2500 | 74 (55) @ 2500 | 90 (67) @ 2500 |
| Peak torque | Nm/rpm | 314 @ 1400 | 314 @ 1400 | 314 @ 1400 | 383 @ 1400 |
| TRAVEL SPEED | | | | | |
| Low range | km/h | 8.9 | 8.9 | 8.9 | 8.9 |
| High range (optional) | km/h | 12.9 | 12.9 | 12.9 | 12.9 |
| HYDRAULIC SYSTEM | | | | | |
| Pump flow | LPM | 92 | 92 | 92 | 92 |
| Optional high flow | LPM | 123 | 123 | 143 | 149 |
| Relief pressure | bar | 210 | 210 | 210 | 210 |
| Optional enhanced high flow | bar | N.A. | N.A. | N.A. | 276 |
| WEIGHTS | | | | | |
| Operating weight | kg | 3750 | 4027 | 4370 | 4823 |
| Shipping weight | kg | 3615 | 3891 | 4220 | 4667 |
| SERVICE CAPACITY | | | | | |
| Fuel tank | l | 73.8 | 73.8 | 96.5 | 96.5 |

* With Standard Bucket - ** Breakout forces estimated considering both tip and hydraulic limits.