

CHANGES	DETAILS	DATE	WRITE	APPROVE
Rev_01	Changed Travel performance(16 page)	2014.04.03	S.H.Lee	Y.S.Park
Rev_02	Changed Travel performance(2 page), Front weights(29 page)	2014.11.18	S.H.Lee	Y.S.Park

DX300LC-5

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1. GENERAL SPECIFICATION

ITEMS		UNIT	STD.	OPT. 1	OPT. 2	OPT. 3	OPT. 4	OPT. 5	OPT. 6
OPERATING WEIGHT		ton	30.9	31.0	30.9	33.3	32.0	32.1	32.0
BUCKET CAPACITY (SAE)		m ³	1.27	1.51	1.03	0.64	1.27	1.51	1.03
ENGINE	RATED POWER	kW/rpm	202/1,800						
	MAX. TORQUE	N.m/rpm	1275/1,300						
SYSTEM PRESSURE(WORK/TRAVEL)		kg/cm ²	350(370) / 350						
SWING SPEED		rpm	9.7						
TRAVEL SPEED (High/Low)		km/h	5.2/3.0						
GRADEABILITY		%(deg)	70 (35°)						
SHOE WIDTH		mm	600	←	←	800	600	←	←
GROUND PRESSURE		kg/cm ²	0.59	←	←	0.48	0.61	←	←
DIGGING FORCE (ISO)	BUCKET (Nor./Press.Up)	ton	18.9/20.0	←	←	10.0/10.5	18.9/20.0	←	←
	ARM (Nor./Press.Up)	ton	13.2/13.9	16.0/17.0	11.7/12.4	7.1/7.5	13.2/13.9	16.0/17.0	11.7/12.4
WORKING RANGE	MAX. DIGGING REACH	mm	10725	10155	11240	17510	10860	10280	11415
	MAX. DIGGING DEPTH	mm	7305	6700	7950	13780	7010	6510	7605
	MAX. DIGGING HEIGHT	mm	10325	10010	10405	14195	12085	11615	12450
	REAR SWING RADIUS	Mm	3230	←	←	←	←	←	←
	MIN. SWING RADIUS	mm	4040	4045	4050	6120	2820	3015	3015
TRANSPOR TATION DIMENSION	OVERALL LENGTH	mm	10570	10750	10680	14350	10660	10790	10680
	OVERALL WIDTH	Mm	3200	←	←	3400	3200	←	←
	OVERALL HEIGHT	mm	3370	3495	3575	3475	3465	3455	3700
	GROUND CLEARANCE	mm	500	←	←	505	500	←	←
	TRACK LENGTH	mm	4940	←	←	←	←	←	←
	TRACK GAUGE	mm	2600	←	←	←	2400	←	←
OPTION ATTACHMENT		• BOOM : STD. 6,245mm, SLR 10,000mm, ARTI 6,260mm • ARM : STD. 3,100mm, SHORT1 2,500mm, SHORT2 2,850mm, LONG 3,750mm SLR. 7,000mm • BUCKET (PCSA) : STD. 1.27 m³ OPT. 0.80 m³, 1.03 m³, 1.51 m³, 1.75 m³, 0.64 m³ (for SLR.) • SHOE : STD. 600mm(G) OPT. 700mm(G), 800mm(G), 850mm(G), 600mm(DG) • COUNTER WEIGHT : STD. 5,300kg, OPT. 5,900kg (for Arti.), OPT. 6,300kg (for SLR.)							
		• STANDARD : STD. BOOM(6245mm), STD. ARM(3100mm), STD. BUCKET(1.27 m³) • OPTION 1 : STD. BOOM(6245mm), SHORT ARM(2500mm), OPT. BUCKET(1.51 m³) • OPTION 2 : STD. BOOM(6245mm), LONG ARM(3750mm), OPT. BUCKET(1.03 m³) • OPTION 3 : SLR. BOOM(10000mm), SLR. ARM(7000mm), OPT. BUCKET(0.64 m³), 800MM SHOE • OPTION 4 : ARTI. BOOM(3.25mm LB + 3.05mm UB), STD. ARM(3100mm), STD. BUCKET(1.27 m³), Narrow • OPTION 5 : ARTI. BOOM(3.25mm LB + 3.05mm UB), SHORT ARM(2500mm), OPT. BUCKET(1.51 m³), Narrow • OPTION 6 : ARTI. BOOM(3.25mm LB + 3.05mm UB), LONG ARM(3750mm), OPT. BUCKET(1.03 m³), Narrow							

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2. SPECIFICATION COMPARISON

2.1 Europe

ITEMS		UNIT	KOMATSU	CAT.	VOLVO	HITACHI
OPERATING WEIGHT		ton				
BUCKET CAPACITY (SAE)		m ³				
ENGINE*(Gross)	RATED POWER	HP/rpm				
	MAX. TORQUE	kg.m/rpm				
SYSTEM PRESSURE (WORK / LIFT)		kg/cm ²				
SYSTEM PRESSURE (SWING / TRAVEL)		kg/cm ²				
SWING SPEED		rpm				
TRAVEL SPEED (High/Low)		km/h				
GRADEABILITY		%(deg)				
SHOE WIDTH		mm				
GROUND PRESSURE		kg/cm ²				
DIGGING FORCE (ISO)	BUCKET (Nor./Press. Up)	ton				
	ARM (Nor./Press. Up)	ton				
WORKING RANGE	MAX. DIGGING REACH	mm				
	MAX. DIGGING DEPTH	mm				
	MAX. DIGGING HEIGHT	mm				
	REAR SWING RADIUS	mm				
	MIN. SWING RADIUS	mm				
TRANSPOR TATION DIMENSION	OVERALL LENGTH	mm				
	OVERALL WIDTH	mm				
	OVERALL HEIGHT (Boom)	mm				
	GROUND CLEARANCE	mm				
	TRACK LENGTH	mm				
	TRACK GAUGE	mm				
FRONT	BOOM LENGTH	mm				
	ARM LENGTH	mm				
TANK CAPACITY	FUEL TANK	Liter				
	OIL TANK(Oil Level)	Liter				

* : ISO 14396

** : at ground

*** : including 2.65arm,1300Kg bucket

**** : Tank volume

***** : without shoe grouser

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2.2 North America

ITEMS		UNIT	KOMATSU	CAT.	VOLVO	HITACHI
			PC290LC-10	329D L	EC290C	ZX290LC-5
OPERATING WEIGHT		ton	30.95	29.24	30.10	28.61
BUCKET CAPACITY (SAE)		m ³	1.41	1.1	1.27	1.34
ENGINE*(Gross)	RATED POWER	HP/rpm	213*/2,050	241	205/1800	188/2,100
	MAX. TORQUE	kg.m/rpm			98/1,350	
SYSTEM PRESSURE (WORK / LIFT)		kg/cm ²	380/380	350/350	320(350)/	350(380)/ 350
SYSTEM PRESSURE (SWING / TRAVEL)		kg/cm ²			270/350	
SWING SPEED		rpm	10.5	10.2	10.2	12.6
TRAVEL SPEED (High/Low)		km/h	5.5/4.1/3.0	5.3	5.2/3.3	5.5/3.3
GRADEABILITY		%(deg)	35	35	35	35
SHOE WIDTH		mm	800	800	800	800
GROUND PRESSURE		kg/cm ²	0.45		0.43	0.40
DIGGING FORCE (ISO)	BUCKET (Nor./Press. Up)	ton	20.2	18.3	18.5/20.2	/20.7
	ARM (Nor./Press. Up)	ton	13.6	13.3	13.1/14.3	/14.7
WORKING RANGE	MAX. DIGGING REACH	mm	10,635	10,656**	10,690	10,710
	MAX. DIGGING DEPTH	mm	6,915	7,283	7,320	7,230
	MAX. DIGGING HEIGHT	mm	10,345	10,115	10,040	10,260
	REAR SWING RADIUS	mm	2,940	3,080	3,000	3,390
	MIN. SWING RADIUS	mm	3,680		4,180	3,910
TRANSPOR TATION DIMENSION	OVERALL LENGTH	mm	10,185	11,0410	10,420	10,540
	OVERALL WIDTH	mm	3,390	3,390	3,390	3,390
	OVERALL HEIGHT (Boom)	mm	3,340	3,180	3,290	3,170
	GROUND CLEARANCE	mm	498	490	480****	510
	TRACK LENGTH	mm	4,955	4,860	4,870	4,940
	TRACK GAUGE	mm	2,590	2,590	2,590	2,590
FRONT	BOOM LENGTH	mm	6,150	6,150	6,200	
	ARM LENGTH	mm	3,200	3,200	3,050	3,110
TANK CAPACITY	FUEL TANK	Liter	400	520	470	500
	OIL TANK(Oil Level)	Liter	132	145	195***	147.6

* : SAE J1995

** : at ground

*** : Tank volume

**** : without shoe grouser

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3. ENGINE SYSTEM

1) ENGINE

MAKER & MODEL	:	SCANIA DC09 389A/089A
RATED HORSE POWER	:	202 kW @ 1,800 rpm (SAE J 1995)
MAX. TORQUE	:	1275 N.m @ 1,300 rpm
FUEL CONSUMPTION	:	206 g/kW.hr @ RATED SPEED(151.4 g/ps.hr)
TYPE	:	Tier4F ATA SCR VARIABLE GEOMETRY TURBOCHARGE, COMMON RAIL DIRECT INJECTION
DISPLACEMENT	:	9300 cc
No. OF CYLINDER	:	5
BORE DIA. & STROKE	:	Φ130 x 140 mm
COMPRESSION RATIO	:	17:1
HIGH IDLE SPEED	:	1850 ±25 rpm
LOW IDLE SPEED	:	800 ± 20 rpm
STARTING MOTOR	:	24 V x 6.0 kW
DRY WEIGHT	:	1035 kg

2) ALTERNATOR

MAKER (Std)	:	SCANIA
VOLTAGE	:	24 V
RATING AMPERES	:	100 A
PART No.	:	-

3) BATTERY

3-1) 1300CCA

MAKER	:	DELKOR
SYSTEM VOLTAGE	:	24 V
QUANTITY	:	12 V x 2
CAPACITY (AMP)	:	200 AH
PART No.	:	300101-00327

3-2) 1500CCA(Opt.)

MAKER	:	DELKOR
SYSTEM VOLTAGE	:	24 V
QUANTITY	:	12 V x 4
CAPACITY (AMP)	:	100 AH
PART No.	:	K1025096

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4) PUMP DRIVE

MAKER & MODEL : DAEJOONG PRE IND DJF-N165K-00
 DRIVE TYPE : FLEXIBLE COUPLING JOINT
 PERMISSIBLE TORQUE & RPM : 500 kgf.m, 3600 rpm
 PART No. : 130801-00025

5) AIR CLEANER

MAKER & MODEL : DONALDSON FRG15" SHORT AIR CLEANER
 TYPE : DOUBLE ELEMENT
 FILTRATION AREA : 14.7 m2 (OUTER), 1.85 m2 (INNER)
 SIZE (DIA.x LENGTH) : 381 mm x 530 mm
 PART No. : 204-00066

6) SCR

MAKER & MODEL : SCANIA
 SIZE (DIA.x LENGTH) : 348.5 x 765
 PART No. : 500111-00169

7) FAN

- FOR RADIATOR

TYPE : SUCKER, 9-BLADE, PLASTIC
 SIZE : $\Phi 685.8$ mm
 RPM AT RATED ENGINE RPM : 1350 rpm
 PULLEY RATIO : 0.75 : 1
 PART No. : 210101-00256

- FOR OIL COOLER

TYPE : SUCKER, 9-BLADE, PLASTIC
 SIZE : $\Phi 635$ mm
 RPM AT RATED ENGINE RPM : 1300 rpm
 PART No. : 210101-00257

8) RADIATOR

MAKER & MODEL : HAESONG HS102192B
 TYPE : BAR & PLATE
 PART No. : 440211-00396

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9) OIL COOLER

MAKER & MODEL : AKG
TYPE : BAR & PLATE
PART No. : 440211-00393

10) CHARGE AIR COOLER

MAKER & MODEL : HAESONG HS102192B
TYPE : BAR & PLATE
PART No. : 440211-00396

11) FUEL COOLER

MAKER & MODEL : HAESONG HS102192B
TYPE : BAR & PLATE
PART No. : 440211-00396

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- ENGINE PERFORMANCE CURVE

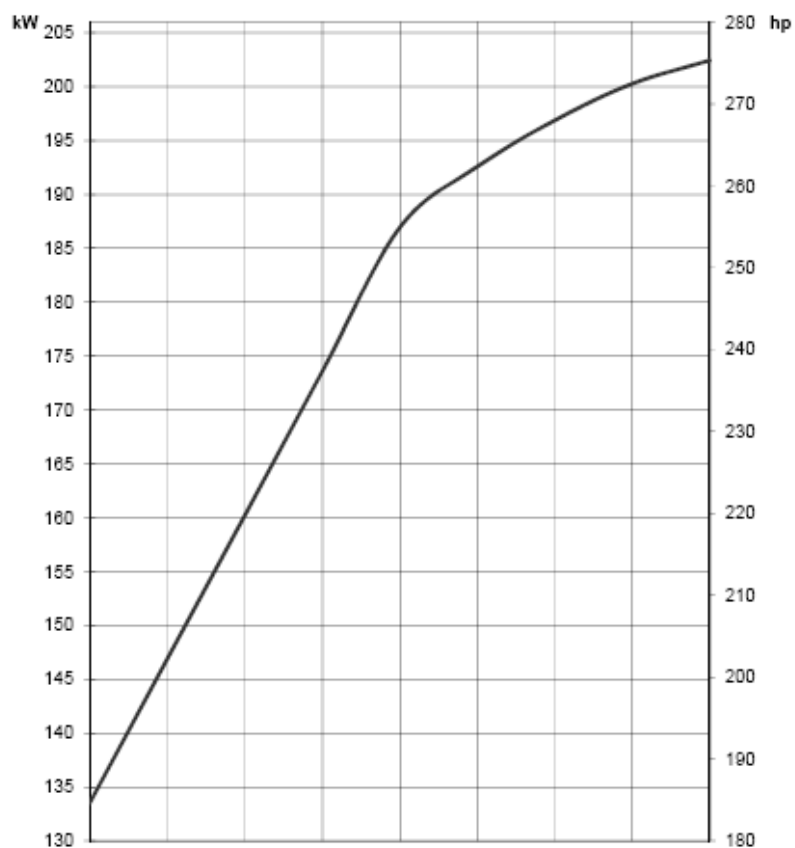
CONDITION	SPECIFICATION
BAROMETIC PRESSURE	760 mmHg (20 °C)
COOLING FAN	X
ALTERNATOR	X
AIR CLEANER	O
MUFFLER	O

PERFORMANCE STANDARARD	SAE J 1995
POWER (MAX , RATED)	202 kW / 1,800 rpm
MAX. TORQUE	1275 N.m/ 1,300 rpm
FUEL CONSUMPTION (MAX , RATED)	206 g/kW.hr(151.4 g/ps.hr)

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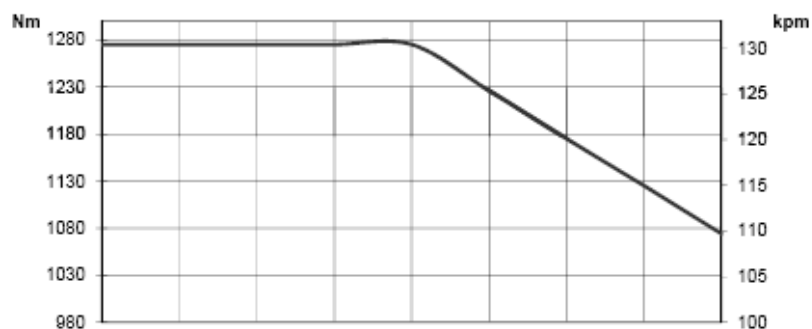
Power

(kW x 1.36 = hp)



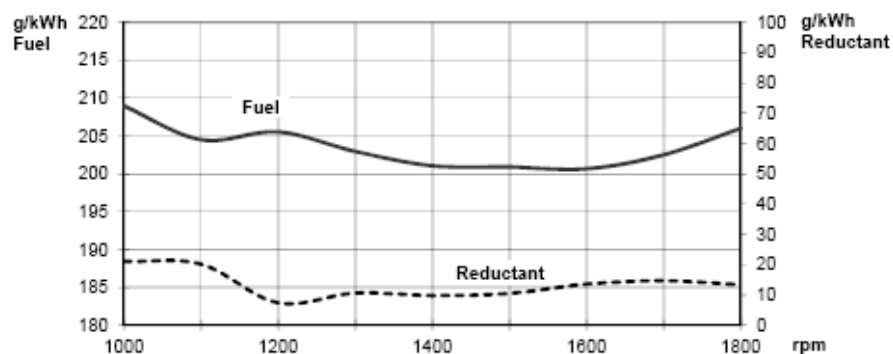
Torque

(Nm / 9.81 = kpm)



Spec. fuel and Reductant consumption

(g/kWh / 1.36 = g/hph)



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4. HYDRAULIC SYSTEM

1) MAIN PUMP

PART No.	:	400914-00395
MAKER & MODEL	:	FLUTEK, K5V140DTP1NFR-9N39-V
TYPE	:	SWASH PLATE, AXIAL PISTON
QUANTITY	:	2
DISPLACEMENT	:	2 x 138 cc/rev
MAX. FLOW RATE	:	2 x 248 Liter/min
WEIGHT	:	138 kg

2) PILOT PUMP

PART No.	:	400914-00016
MAKER & MODEL	:	FLUTEK, ZX15LGRZ2-07A
TYPE	:	GEAR
DISPLACEMENT	:	15 cc/rev
MAX. FLOW RATE	:	27 Liter/min
RELIEF VALVE PRESSURE	:	40 kg.f/cm ²

3) CONTROL VALVE

PART No.	:	400105-00085
MAKER & MODEL	:	KAYABA, KVMG-270-DA
TYPE	:	NEGATIVE PILOT CONTROL
SPOOL DIA.	:	Φ28 mm
SPOOL ARRANGEMENT	:	TR, OPT, SWING, BOOM2, ARM1, TL, BUCKET, BOOM1, ARM2
RELIEF VALVE PRESSURE	:	350 / 370 kg.f/cm ²
PORT RELIEF VALVE PRESSURE	:	380 kgf/cm ²
ACCESSARY VALVES	:	FOOT RELIEF VALVE, BOOM HOLDING VALVE, ARM HOLDING VALVE

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4) REMOTE CONTROL VALVE; IMPLEMENT

PART No. : 410113-00211, 410113-00212
 TYPE : PILOT
 MAKER & MODEL : EATON, JB403000
 PRESSURE/STROKE CHARACTERISTIC : 6.5 kgf/cm2 (@ 1.0mm STROKE)
 17.5 kgf/cm2 (@ 5.0mm STROKE)
 19 kgf/cm2 (@ 6.2mm STROKE)
 28 kgf/cm2 (@ 6.5mm,7.5mm STROKE)
 WEIGHT : 3.5 kg

5) REMOTE CONTROL VALVE; TRAVEL

PART No. : 410119-00003
 TYPE : PILOT(with DAMPER)
 MAKER & MODEL : EATON, JA9D3000
 PRESSURE/STROKE CHARACTERISTIC : 7.5 kgf/cm2 (@1mm STROKE)
 25 kgf/cm2 (@ 4.3mm STROKE)
 WEIGHT : 7.8 kg

6) REMOTE CONTROL VALVE; Opt.

PART No. : 410119-00006
 TYPE : PILOT
 MAKER & MODEL : EATON, JA9E5000
 PRESSURE/STROKE CHARACTERISTIC : 7.5 kgf/cm2 (@1.0mm STROKE)
 25.2 kgf/cm2 (@ 4.8mm STROKE)
 WEIGHT : 3.0 kg

7) SOLENOID VALVE

PART No. : 410135-00237(3-Sol + 1CK PACKAGE)
 MAKER & MODEL : SUN HYDRAULICS, FA-EXDS01659A
 RATED CAPACITY : DC 24V, 22W @25℃
 FUNCTION : TRAVEL 2-SPEED, PRESSURE UP,
 SWING PRIORITY, SAFETY CUT OFF
 HAMMER OPERATING,TWO PUMP FLOW

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8) ACCUMULATOR				
PART No.	:	2460-9057		
MAKER & MODEL	:	HYDAC, SB0210-0.32E2/112U-80LD010		
NITROGEN CHARGE PRESSURE	:	10 kgf/cm ²		
VOLUME	:	0.32 Liter		
9) BY-PASS VALVE (1)				
PART No.	:	410128-00053		
MAKER & MODEL	:	DKC BP900-2000		
CRACKING PRESSURE	:	2.0 kgf/cm ² @ 10 Liter/min		
10) BY-PASS VALVE (2)				
PART No.	:	410128-00005		
MAKER & MODEL	:	INSAN,		
CRACKING PRESSURE	:	5.0 kgf/cm ² @ 10 Liter/min		
11) FILTERS				
11-1) RETURN FILTER				
MAKER & TYPE	:	INTERNORMEN-FILTER, GLASS FIBER		
SIZE	:	10μ, 2.04 m ² (Φ178 x 415 mm)		
BY-PASS VALVE SETTING	:	1.5 kgf/cm ² @ 40 Liter/min		
11-2) PILOT FILTER				
MAKER & TYPE	:	DEA-KEE MACHINERY, PAPER ELEMENT		
SIZE	:	30μ , 620 cm ²		
BY-PASS VALVE SETTING	:	1.7 kgf/cm ² @ 5 Liter/min		
11-3) SUCTION FILTER				
MAKER & TYPE	:	DONGYANG FILTER, PAPER ELEMENT		
SIZE	:	177μ(80 mesh), 0.54 m ² (Φ200 x 190 mm)		
12) AIR BREATHER				
MAKER	:	DONGYANG FILTER Co. LTD		
CRACKING PRESSURE	:	0.04~0.05 kgf/cm ²		
FILTER	:	10μ, 270 cm ²		
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- PUMP PERFORMANCE CURVE

[P+ MODE]

INPUT rpm ; 1800

INPUT POWER (INCLUDING GEAR PUMP) ; 208 PS

[P MODE]

INPUT rpm ; 1700

INPUT POWER (INCLUDING GEAR PUMP) ; 188 PS

[S MODE]

INPUT rpm ; 1650

INPUT POWER (INCLUDING GEAR PUMP) ; 170 PS

[E MODE]

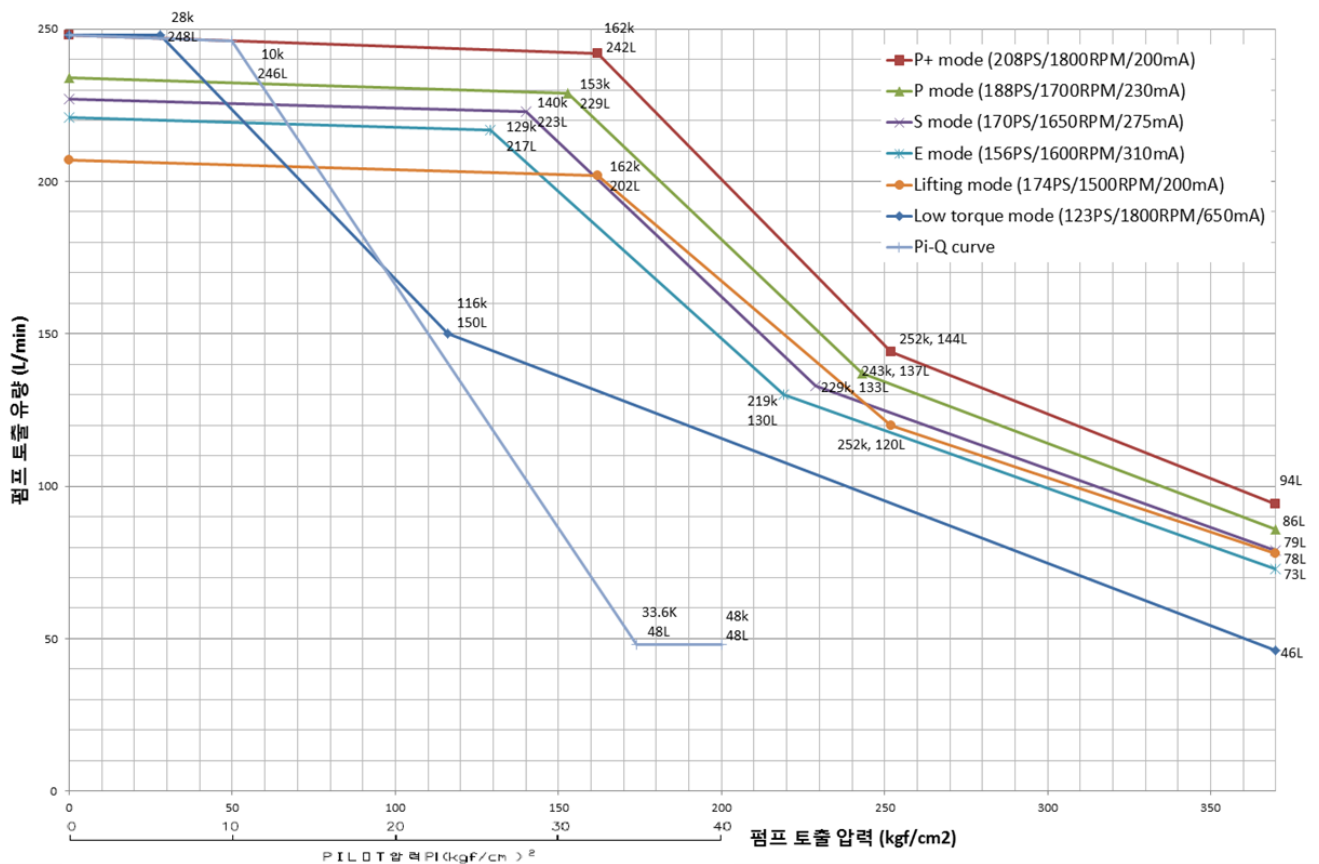
INPUT rpm ; 1600

INPUT POWER (INCLUDING GEAR PUMP) ; 156 PS

[L MODE]

INPUT rpm ; 1500

INPUT POWER (INCLUDING GEAR PUMP) ; 174 PS



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5. SWING MECHANISM

1) SWING MOTOR

PART No.	:	170301-00092
MAKER & MODEL	:	Doosan Mottrol, T3X172CHB-10A-01/295-RV-RG2000D02-C01
TYPE	:	AXIAL PISTON
DISPLACEMENT	:	172.1 cc/rev
CROSSOVER RELIEF VALVE SETTING	:	295 kgf/cm ² @ 250 Liter/min
MAX. SUPPLY FLOW (@2000 RPM)	:	255 Liter/min
MOTOR SHAFT SPEED	:	1482 rpm
MOTOR SHAFT TORQUE	:	80.8 kgf.m
ACCESSARY VALVES	:	SWING REACTIONLESS VALVE
WEIGHT	:	66.5 kg

2) SWING REDUCTION GEAR

MAKER	:	Doosan Mottrol*
DRIVE TYPE	:	2-STAGE PLANETARY GEAR
REDUCTION RATIO	:	24.74
MAX. OUTPUT SPEED	:	59.9 rpm
MAX. OUTPUT TORQUE	:	1,999 kgf.m
WEIGHT (INCLUDED MOTOR)	:	387 kg

3) PINION GEAR

TYPE	:	SPUR GEAR
GEAR P.C.D.	:	Φ196 mm
No. OF TEETH	:	14
MODULE	:	14

4) SWING BEARING

PART No.	:	140109-00001
MAKER & MODEL	:	SHIN-IL JUNG MIL
TYPE	:	BALL BEARING, INTERNAL GEAR
GEAR P.C.D.	:	Φ1190 mm
No. OF TEETH	:	85
BALL DIA.	:	Φ41.275 mm
RACE O.D.	:	Φ1474 mm
RACE HEIGHT	:	120 mm
STATIC THRUST LOAD	:	487,800 kg
WEIGHT	:	413 kg

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5) SWING PERFORMANCE

MAX. SWING SPEED (EFF.=0.98)	:	9.88 rpm
MAX. SWING TORQUE	:	12,137 kgf.m
MAX. SWING TORQUE (EFF.=0.75)	:	9,135 kgf.m

6) PARKING BRAKE

CONTROL TYPE	:	PILOT PRESSURE, MECHANICAL
BRAKE TORQUE	:	70 kgf.m
BRAKE RELEASE PRESSURE	:	26 kgf/cm ²
SELECT V/V CRACKING PRESSURE	:	21 kgf/cm ²

7) MOTOR ACCESSARY

BRAKE TIME DELAYER	:	5.0 sec
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6. TRAVEL SYSTEM

1) TRAVEL MOTOR

PART No.	:	170401-00007
MAKER & MODEL	:	Doosan Mottrol, TM60VD-A-138/249-1
TYPE	:	AXIAL PISTON, 2-SPEED
DISPLACEMENT	:	249.2 / 138 cc/rev
CROSSOVER RELIEF VALVE SETTING	:	365 kgf/cm ² @ 25 Liter/min
MAX. SUPPLY FLOW	:	248 Liter/min
MOTOR SHAFT SPEED	:	997 / 1,800 rpm
MOTOR SHAFT TORQUE	:	138.8 / 76.9 kgf.m
WEIGHT	:	90 kg

2) REDUCTION GEAR

TYPE	:	2-STAGE PLANETERY GEAR
REDUCTION GEAR RATIO	:	46.12
MAX. OUTPUT SPEED	:	22 / 37.7 rpm
MAX. OUTPUT TORQUE	:	6402 / 3545 kgf.m
WEIGHT (INCLUDE MOTOR)	:	358 kg

3) SPROCKET

PART No.	:	200108-00002
SPROCKET P.C.D.	:	Φ732.81 mm
TRACK LINK PITCH	:	216 mm
No. OF TEETH	:	21
WEIGHT	:	82 kg

4) TRAVELLING PERFORMANCE

TRAVELLING SPEED(EFF.=99.0/95.2%)	:	3.0 / 5.2 km/hr
TRACTION FORCE	:	36.9 / 20.5 ton
TRACTION FORCE (EFF.=85% / 75%)	:	31.4 / 15.3 ton
GRADEABILITY	:	70 %

5) PARKING BRAKE

CONTROL TYPE	:	MAIN PRESSURE, MECHANICAL
BRAKE TORQUE	:	87 kgf.m
BRAKE RELEASE PRESSURE	:	8.2 ± 1.5 kgf/cm ²

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6) MOTOR ACCESSARY

MANUAL BRAKE RELEASE : SCREW M10 x 135 L (L-Wrench)

7. UNDER CARRIAGE

1) RECOIL MECHANISM

PART No. : 200101-00001
MAKER & MODEL : Samwoo Tech.
TYPE : HYDRAULIC ADJUSTED
RECOIL SPRING PRELOAD : 19100 kg
RECOIL SPRING MAX. LOAD : 35922 kg
RECOIL SPRING STROKE : 50 mm
ADJUSTER TYPE : GREASE CYLINDER
WEIGHT : 180 kg

2) ROLLERS ; LOWER

PART No. : 200104-00001
MAKER & MODEL : JIN SUNG
FLANGE TYPE : SINGLE
Q'TY PER SIDE : 9
DIA. : $\Phi 180$ mm
WEIGHT : 60 kg

3) ROLLERS ; UPPER

PART No. : 200105-00003
MAKER & MODEL : JIN SUNG
FLANGE TYPE : SINGLE
Q'TY PER SIDE : 2
DIA. : $\Phi 142$ mm
WEIGHT : 26.5 kg

4) FRONT IDLER

PART No. : 200102-00001
MAKER : JIN SUNG
DIA. : $\Phi 580$ mm
WEIGHT : 190 kg

MODEL

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5) TRACK LINK

PART No.	:	200103-00065(R.H), 200103-00066(L.H)
MAKER & MODEL	:	HYUNDAI STEEL
No. OF LINK PER SIDE	:	48
LINK PITCH	:	216 mm
PIN DIA.	:	Φ44.6 mm
TRACK GUAGE	:	2,600 mm / 2,400 mm(Narrow)
TUMBLER DISTANCE	:	4,040 mm
WEIGHT (600mmG, Included shoe)	:	1970 kg
WEIGHT (700mmG, Included shoe)	:	2160 kg
WEIGHT (800mmG, Included shoe)	:	2350 kg
WEIGHT (850mmG, Included shoe)	:	2440 kg
WEIGHT (600mmDG, Included shoe)	:	2230 kg

6) TRACK SHOE

PART No.	:	200106-00005 (600mm) 200106-00017 (700mm) 200106-00018 (800mm) 200106-00019 (850mm) 200106-00020 (600mm, DG)
MAKER	:	HYUNDAI STEEL
No. OF SHOE PER SIDE	:	48

SHOE WIDTH (mm)	GROUND PRESSURE kgf/cm ² (psi)	MACHINE WEIGHT (ton)
<i>STD. 600G</i>	<i>0.59 (8.4)</i>	<i>30.9</i>
<i>OPT. 700G</i>	<i>0.52 (7.4)</i>	<i>31.5</i>
<i>OPT. 800G</i>	<i>0.46 (6.5)</i>	<i>31.8</i>
<i>OPT. 850G</i>	<i>0.43 (6.1)</i>	<i>32.0</i>
<i>OPT. 600DG</i>	<i>0.60 (8.5)</i>	<i>31.6</i>

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8. HYDRAULIC CYLINDERS

	BOOM	ARM	BUCKET(1)	BUCKET(2)	SLR BUCKET
QUANTITY	2	1	1	1	1
BORE	140	150	135	135	95
STROKE	1450	1670	1150	1150	900
ROD DIA.	95	105	90	90	65
CLOSED LENGTH	2010	2270	1710	1710	1375
HEAD END CUSHION	X	O	X	X	X
ROD END CUSHION	O	O	O	O	O
MAKER	DONGYANG	DONGYANG	DONGYANG	DONGYANG	DONGYANG
PART No.	400309-00002(L.H) 400309-00003(R.H) 400309-00883*(L.H) 400309-00884*(R.H)	400305-00004 400305-00558*	400310-00141 400310-00454*	400310-00002 400310-00453*	400310-00145 400310-00474*
PART No.(L/V)	400309-00006(L.H) 400309-00007(R.H) 400309-00885*(L.H) 400309-00886*(R.H)	400305-00006 400305-00559*			
APPLIED ARM (mm)			2500	3750 3100 2850	7000
WEIGHT	252 Kg	322 Kg	236 Kg	236 Kg	93 Kg

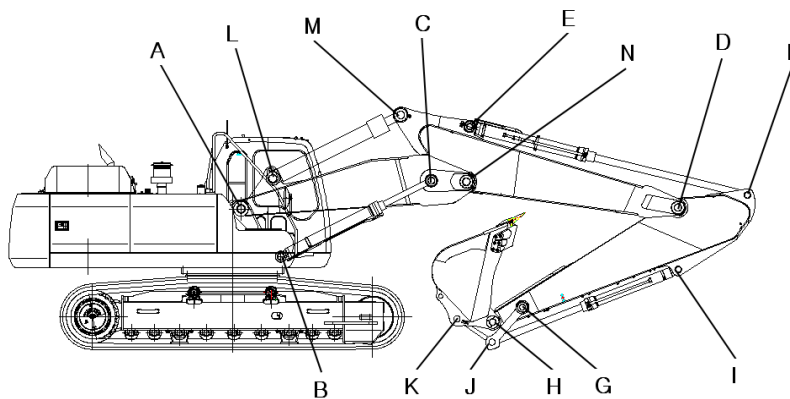
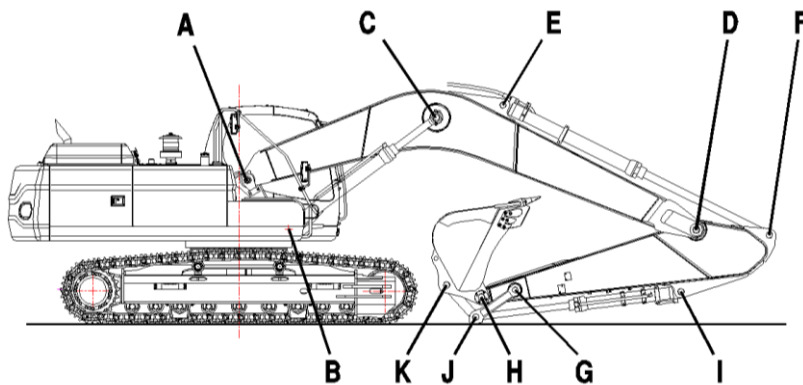
	ARTI BOOM	ARM			
QUANTITY	1	1			
BORE	170	150			
STROKE	1341	1670			
ROD DIA.	115	105			
CLOSED LENGTH	2041	2270			
HEAD END CUSHION	X	O			
ROD END CUSHION	O	O			
MAKER	DONGYANG	DONGYANG			
PART No.	400306-00067 400306-00151*	400305-00156 400305-00563*			
PART No. (L/V)	400306-00069 400306-00152*	400305-00158 400305-00564*			
APPLIED ARM		ARTI BOOM			
WEIGHT	368.5 Kg	322 kg			

* Dark gray color

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9. FRONT

1) FRONT LINK PIN SIZES



POINT	STD			SLR		
	DIA. (mm)	LENGTH (mm)	Weight (Kg)	DIA. (mm)	LENGTH (mm)	Weight (Kg)
A	105	979	72.0	←	←	←
B	100	225	16.5	←	←	←
C	90	890	44.0	←	←	←
D	100	607	40.5	←	←	←
E	90	242	14.5	←	←	←
F	90	242	14.5	←	←	←
G	80	481	20.0	65	364	9.5
H	90	615	19.5	65	424	11.0
I	90	220	13.5	65	187	6.5
J	90	481	25.5	65	364	9.5
K	90	578	29.5	65	424	11.0
L	110	285	24.5			
M	110	285	24.5			
N	100	607	40.5			

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2) FRONT ATTACHMENTS

2-1) BOOM

		LENGTH (mm)	WEIGHT (kg)
STD. BOOM		6245	2231
HD BOOM		6245	2349
SLR BOOM		10000	3037
ARTI BOOM	LOWER	3245	1282
	UPPER	3050	1212

2-2) ARM

	LENGTH (mm)	WEIGHT (kg)	DIGGING FORCE (NOM./PRESS.UP, ton)
STD. ARM	3100	1070	[SAE] 12.8 / 13.5 , [ISO] 13.2 / 13.9 → 129 / 136 [kN]
HD ARM 1	3100	1110	
SHORT ARM 1	2500	983	[SAE] 15.5 / 16.3 , [ISO] 16.0 / 17.0 → 157 / 167 [kN]
HD ARM 2	2850	1190	[SAE] 14.5 / 15.3 , [ISO] 15.0 / 15.8 → 147 / 155 [kN]
LONG ARM	3750	1149	[SAE] 11.4 / 12.0 , [ISO] 11.7 / 12.4 → 115 / 122 [kN]
SLR ARM	7000	1439	[SAE] 7.0 / 7.5 , [ISO] 7.1 / 7.5 → 70 / 74 [kN]

2-3) BUCKET

	CAPACITY (m ³)			BUCKET WIDTH (mm)		WEIGHT (kg)	DIGGING FORCE (NOM./PRESS.UP, ton)
	CECE	SAE	Struck	W/ Cutter	W/O Cutter		
Std. BUCKET	1.1	1.27	0.93	1445	1376	1120	[SAE] 16.8 / 17.8 [ISO] 18.9 / 20.0 → 185 / 196 [kN]
Opt. BUCKET	0.7	0.80	0.62	1037	962	860	
Opt. BUCKET	0.9	1.03	0.78	1247	1172	990	
Opt. BUCKET	1.3	1.51	1.09	1657	1582	1220	
Opt. BUCKET	1.5	1.75	1.26	1867	1792	1310	
Opt. BUCKET*	0.99	1.16	0.82		1432	1200	[SAE] 16.6 / 17.5 [ISO] 18.9 / 20.0
Opt. BUCKET**	0.97	1.07	0.87	1134	1068	1080	[SAE] 17.1 / 18.2 [ISO] 18.6 / 19.7 → 181 / 193 [kN]
Opt. BUCKET**	1.14	1.27	1.01	1286	1220	1180	
Opt. BUCKET**	1.30	1.46	1.14	1424	1358	1250	
SLR. BUCKET	0.55	0.64	0.47	1167	1083	445	[SAE] 8.7 / 9.2 [ISO] 10.0 / 10.5 → 98 / 103 [kN]

*: Rock Bucket ** : HD Bucket

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2-4) BUCKET & ARM COMBINATIONS

[STD TRACK]

Bucket Type	Capacity (m ³)	Bucket Width (mm)		Weight (Kg)	6.245 MONO Boom				6.255 ARTI Boom			
	SAE	W/ Cutter	W/O Cutter		2.5A	2.85A	3.1A	3.75A	2.5A	2.85A	3.1A	3.75A
G.P	0.80	1037	962	860	A	A	A	A	A	A	A	A
	1.03	1247	1172	990	A	A	A	A	A	A	A	A
	1.27	1445	1376	1120	A	A	A	A	A	A	A	A
	1.50	1657	1582	1220	A	B	B	C	A	A	C	C
	1.75	1867	1792	1310	B	C	C	D	B	B	C	D
HD	1.07	1134	1068	1080	A	A	A	A	A	A	A	A
	1.27	1286	1220	1180	A	A	A	B	A	A	A	A
	1.46	1424	1358	1250	A	A	B	C	A	A	C	B
ROCK	1.16		1432	1200	A	A	A	A	A	A	A	A

[NARROW TRACK]

Bucket Type	Capacity (m ³)	Bucket Width (mm)		Weight (Kg)	6.245 MONO Boom				6.255 ARTI Boom			
	SAE	W/ Cutter	W/O Cutter		2.5A	2.85A	3.1A	3.75A	2.5A	2.85A	3.1A	3.75A
G.P	0.80	1037	962	860	A	A	A	A	A	A	A	A
	1.03	1247	1172	990	A	A	A	B	A	A	A	B
	1.27	1445	1376	1120	A	B	B	C	B	B	C	D
	1.50	1657	1582	1220	C	C	D	D	C	C	D	-
	1.75	1867	1792	1310	D	D	D	-	D	D	-	-
HD	1.07	1134	1068	1080	A	A	A	B	A	A	B	C
	1.27	1286	1220	1180	B	B	C	C	B	B	C	D
	1.46	1424	1358	1250	C	C	D	D	C	C	D	-
ROCK	1.16		1432	1200	A	B	B	C	A	B	B	C

[SLR]

Bucket Type	Capacity (m ³)	Bucket Width (mm)		Weight (Kg)	10.0 SLR Boom
	SAE	W/ Cutter	W/O Cutter		7.0 SLR Arm
D.C	0.45		1500	357	A
	0.54		1800	405	A
G.P	0.64	1167	1083	423	B

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Based on ISO 10567 and SAE J296, arm length without quick change clamp

A : Suitable for materials with density of 2100kg/m³ (3500lb/yd³) or less

B : Suitable for materials with density of 1800kg/m³ (3000lb/yd³) or less

C : Suitable for materials with density of 1500kg/m³ (2500lb/yd³) or less

D : Suitable for materials with density of 1200kg/m³ (2000lb/yd³) or less

- : Not recommended

3) OPTION PIPINGS

3-1) ONE-WAY PIPING

MAIN & PILOT PIPING	:	OPTION
FRONT SUPPLY PIPING	:	OPTION
AVAILABLE ATTACHMENT	:	BREAKER

3-2) TWO-WAY PIPING

MAIN & PILOT PIPING	:	OPTION
FRONT SUPPLY PIPING	:	OPTION
AVAILABLE ATTACHMENT	:	BUCKET TILT CYLINDER, CLAMSHELL CRUSHER

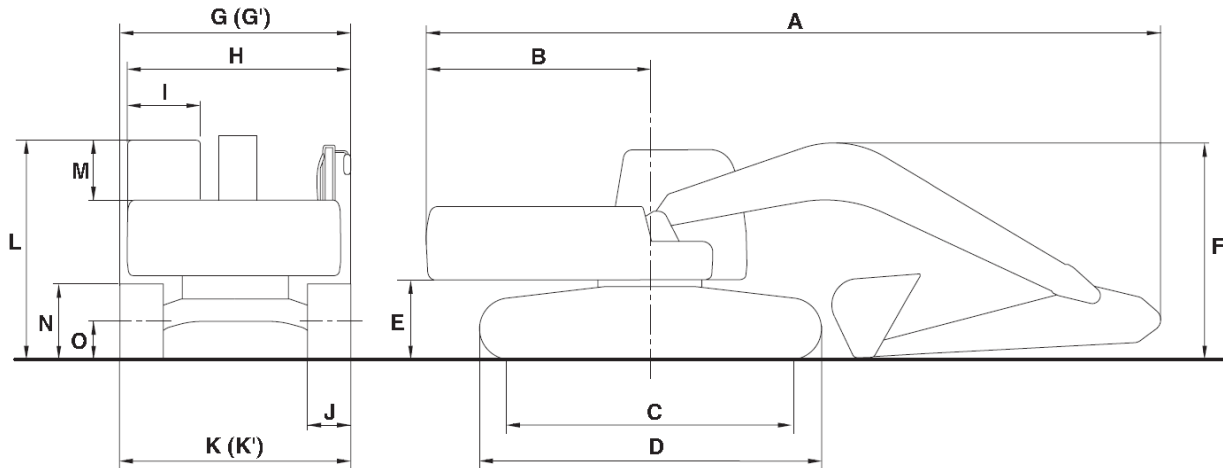
3-3) ROTATING PIPING

MAIN & PILOT PIPING	:	OPTION
FRONT SUPPLY PIPING	:	OPTION
AVAILABLE ATTACHMENT	:	ROTATING GRAPPLE

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10. DIMENSIONS AND WORKING RANGE

1) DIMENSIONS [One-piece BOOM]



Dimension		6.245 m (20' 6") Boom				10.0 m(32' 10") Boom
		3.1 m(10' 2") STD Arm	2.5 m(8' 2") Arm	2.85 m(9' 4") Arm	3.75 m(12' 4") Arm	7.0 m(22' 12") Arm
A	Shipping Length	10,570 mm (34' 8")	10,750 mm (35' 3")	10,700 mm (35' 1")	10,680 mm (35')	14,320 mm (47')
B	Tail Swing Radius	3,230 mm (10' 7")				
C	Tumbler Distance	4,040 mm (13' 3")				
D	Track Length	4,940 mm (16' 2")				
E	Counterweight Clearance	1,150 mm (3' 9")				1,155 mm (3' 9")
F (Boom)	Shipping Height	3,265 mm (10' 9")	3,385 mm (11' 1")	3,495 mm (11' 6")	3,455 mm (11' 4")	3,365 mm (11' 0")
F (hose)	Shipping Height	3,370 mm (11' 1")	3,495 mm (11' 6")	3,615 mm (11' 10")	3,575 mm (11' 9")	3,475 mm (11' 5")
G	Shipping Width(STD)	3,200 mm (10' 6")				
G'	Shipping Width(Narrow)	3,000 mm (9' 10")				
H	House Width	2,960 mm (9' 9")				
I	Cab Width	1,010 mm (3' 4")				
J	Shoe Width	600 mm (2')				800 mm (2' 7")
K	Undercarriage Width(STD)	3,200 mm (10' 6")				
K'	Undercarriage Width(Narrow)	3,000 (9' 10")				
L	Height Over Cab	3,065 mm (10' 1")				3,070 mm (10' 1")
M	Cab Height Above House	845 mm (2' 9")				
N	Track Height	1,048 mm (3' 5")				1,058 mm (3' 6")
O	Car Body Clearance	500 mm (1' 8")				505 mm (1' 8")

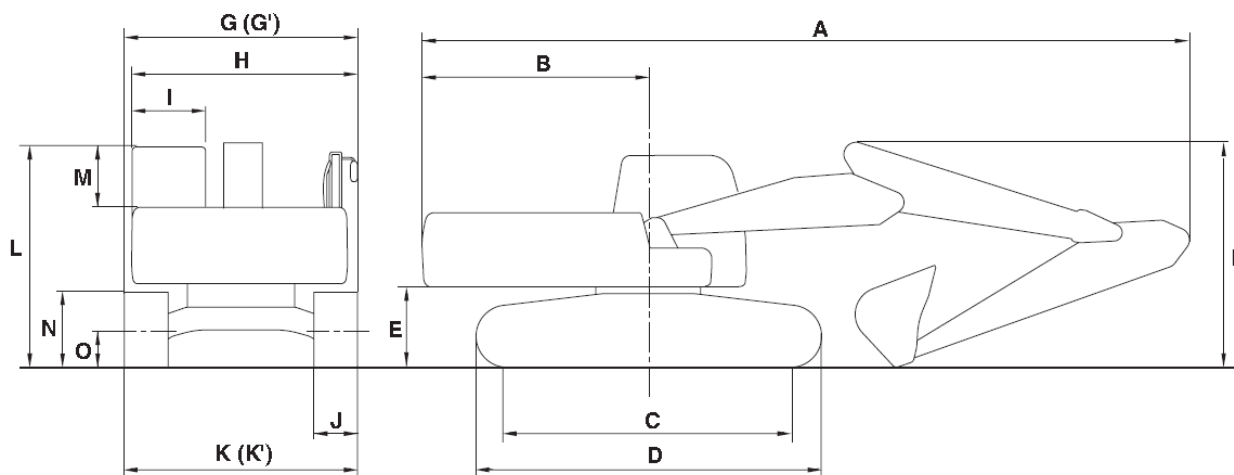
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2) DIMENSIONS [Two-piece BOOM]



Dimension		6.255 m (20' 6")		
		3.1 m (10' 2") STD Arm	2.5 m (8' 2") Arm	3.75 m (12' 4") Arm
A	Shipping Length	10,660 mm (35')	10,790 mm (35' 5")	10,680 mm (35')
B	Tail Swing Radius	3,230 mm (10' 7")		
C	Tumbler Distance	4,040 mm (13' 3")		
D	Track Length	4,940 mm (16' 2")		
E	Counterweight Clearance	1,150 mm (3' 9")		
F (Boom)	Shipping Height	3,465 mm (11' 4")	3,455 mm (11' 4")	3,700 mm (12' 2")
F (hose)	Shipping Height	3,465 mm (11' 4")	3,455 mm (11' 4")	3,700 mm (12' 2")
G	Shipping Width(STD)	3,200 mm (10' 6")		
G'	Shipping Width(Narrow)	3,000 mm (9' 10")		
H	House Width	2,960 mm (9' 9")		
I	Cab Width	1,010 mm (3' 4")		
J	Shoe Width	600 mm (2')		
K	Undercarriage Width(STD)	3,200 mm (10' 6")		
K'	Undercarriage Width(Narrow)	3,000 (9' 10")		
L	Height Over Cab	3,065 mm (10' 1")		
M	Cab Height Above House	845 mm (2' 9")		
N	Track Height	1,048 mm (3' 5")		
O	Car Body Clearance	500 mm (1' 8")		

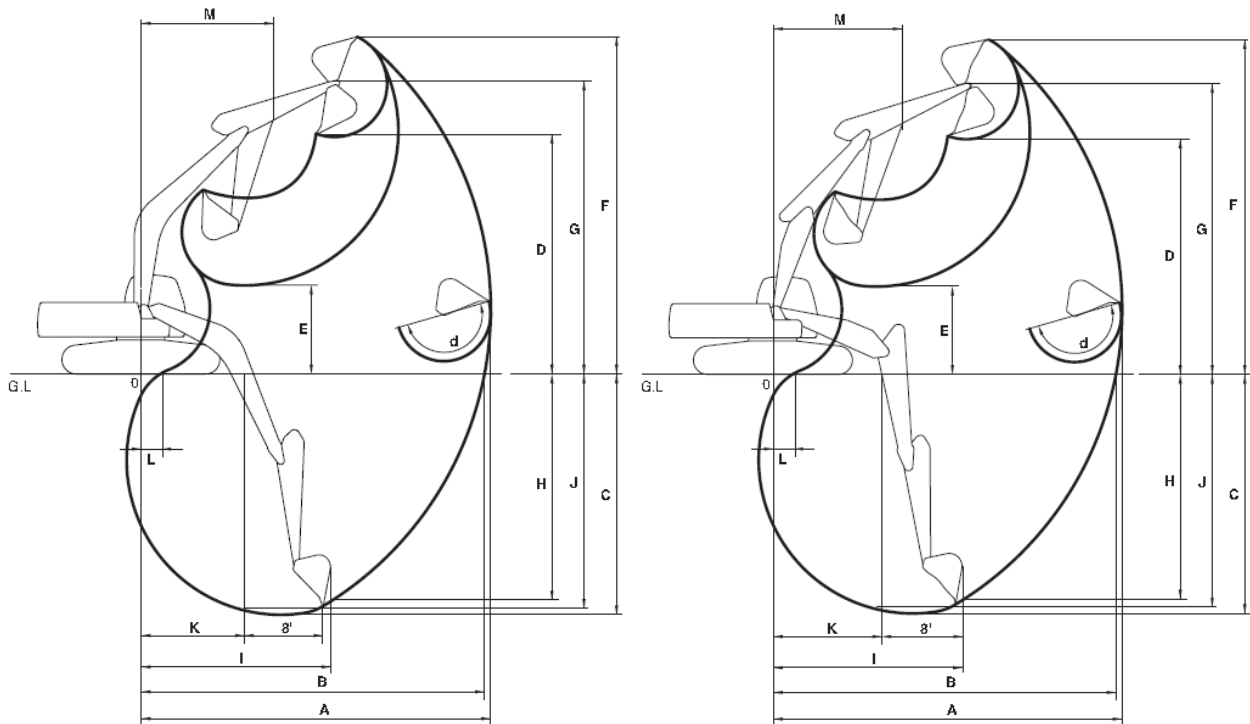
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3) WORKING RANGE [METRIC]



BOOM TYPE (ONE PIECE) (mm)		6245				10000	3.25 LB + 3.05 UB			
BOOM TYPE (TWO PIECES) (mm)										
ARM TYPE (mm)		3100	2500	2850	3750	7000	3100	2500	2850	3750
BUCKET TYPE (PCSA) (m ³)		1.27	1.51	1.27	1.03	0.64	1.27	1.51	1.27	1.03
MAX. DIGGING REACH	(mm) A	10725	10155	10415	11240	17510	10860	11280	10555	11415
MAX. DIGGING REACH (GROUND)	(mm) B	10530	9950	10215	11065	17390	10670	10075	10355	11235
MAX. DIGGING DEPTH	(mm) C	7305	6700	7055	7950	13780	7010	6510	6720	7605
MAX. LOADING HEIGHT	(mm) D	7280	6990	6995	7395	11975	8895	8415	8575	9255
MIN. LOADING HEIGHT	(mm) E	2750	3370	3010	2110	2730	3565	4290	3960	2950
MAX. DIGGING HEIGHT	(mm) F	10325	10010	9980	10405	14195	12085	11615	11760	12450
MAX. BUCKET PIN HEIGHT	(mm) G	8880	8585	8695	8990	13290	10495	7970	10170	10855
MAX. VERTICAL WALL DEPTH	(mm) H	6125	5395	5450	6600	11590	6650	5915	6720	7135
MAX. RADIUS VERTICAL	(mm) I	6840	6840	7175	7070	10900	6330	6360	6730	6580
MAX. DEPTH TO 8' LINE	(mm) J	7110	6465	6815	7755	13395	6905	6295	6615	7515
MIN. RADIUS 8' LINE	(mm) K	3000	2970	2905	2920	4140	1800	1825	1865	1820
MIN. DIGGING REACH	(mm) L	620	2015	1670	-280	1160	1200	1320	2140	-1950
MIN. SWING RADIUS	(mm) M	4040	4045	4070	4050	6120	2820	3015	3205	3015
BUCKET ANGLE	(deg) d	175	176	176	174	169	175	176	176	174

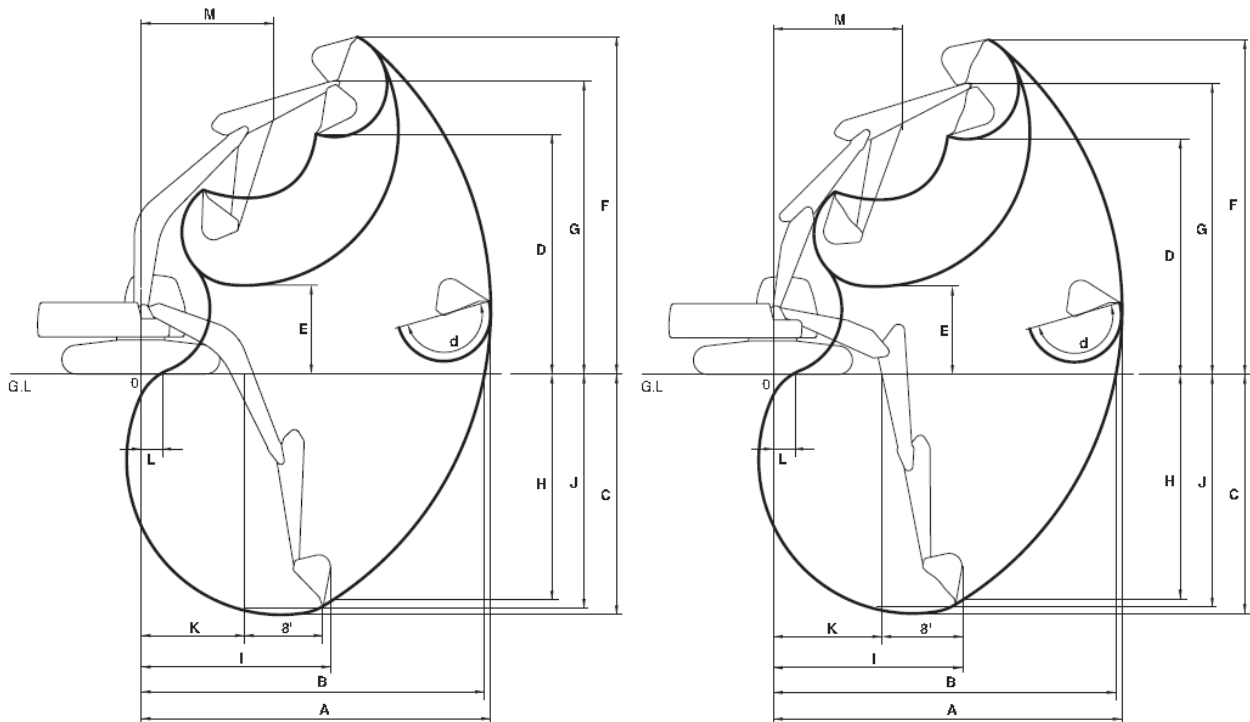
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4) WORKING RANGE [FEET]



BOOM TYPE (ONE PIECE)	(ft-in)	20' 6"				32' 10"	10' 8" LB + 10' 0" UB				
BOOM TYPE (TWO PIECES)	(ft-in)										
ARM TYPE	(ft-in)	10' 2"	8' 2"	9' 4"	10' 2"	8' 2"	9' 4"	10' 2"	8' 2"	9' 4"	
BUCKET TYPE (PCSA)	(yd ³)	1.66	1.98	1.66	1.66	1.98	1.66	1.66	1.98	1.66	
MAX. DIGGING REACH	(ft-in)	A	35' 2"	33' 4"	34' 2"	36' 11"	57' 5"	35' 8"	37' 0"	34' 8"	37' 5"
MAX. DIGGING REACH (GROUND)	(ft-in)	B	34' 7"	32' 8"	33' 6"	36' 4"	57' 1"	35' 0"	33' 1"	34' 0"	36' 10"
MAX. DIGGING DEPTH	(ft-in)	C	24' 0"	22' 0"	23' 2"	26' 1"	45' 3"	23' 0"	21' 4"	22' 1"	24' 11"
MAX. LOADING HEIGHT	(ft-in)	D	23' 11"	22' 11"	22' 11"	24' 3"	39' 3"	29' 7"	27' 7"	28' 2"	30' 4"
MIN. LOADING HEIGHT	(ft-in)	E	9' 0"	11' 1"	9' 11"	6' 11"	8' 11"	11' 8"	14' 1"	13' 0"	9' 8"
MAX. DIGGING HEIGHT	(ft-in)	F	33' 11"	32' 10"	32' 9"	34' 2"	46' 7"	39' 8"	38' 1"	38' 7"	40' 10"
MAX. BUCKET PIN HEIGHT	(ft-in)	G	29' 2"	28' 2"	28' 6"	29' 6"	43' 7"	34' 5"	26' 2"	33' 4"	35' 7"
MAX. VERTICAL WALL DEPTH	(ft-in)	H	20' 1"	17' 8"	17' 11"	21' 8"	38' 0"	21' 10"	19' 5"	22' 1"	23' 5"
MAX. RADIUS VERTICAL	(ft-in)	I	22' 5"	22' 5"	23' 6"	23' 2"	35' 9"	20' 9"	20' 10"	22' 1"	21' 7"
MAX. DEPTH TO 8' LINE	(ft-in)	J	23' 4"	21' 3"	22' 4"	25' 5"	43' 11"	22' 8"	20' 8"	21' 8"	24' 8"
MIN. RADIUS 8' LINE	(ft-in)	K	9' 10"	9' 9"	9' 6"	9' 7"	13' 7"	5' 11"	6' 0"	6' 1"	6' 0"
MIN. DIGGING REACH	(ft-in)	L	24"	79"	66"	-11"	46"	47"	52"	84"	-77"
MIN. SWING RADIUS	(ft-in)	M	13' 3"	13' 3"	12' 4"	13' 3"	20' 1"	9' 3"	9' 11"	10' 6"	9' 11"
BUCKET ANGLE	(deg)	d	175	176	176	174	169	175	176	176	174

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11. LIFTING CAPA.

- Ref. Attached file

12. PERFORMANCE DATA

1) MAIN RELIEF PRESSURE

WORKING, TRAVEL : 350 [+10/0] kg/cm²
PRESSURE UP : 370 [+10/0] kg/cm²

2) ACTUATOR SPEED

OPERATION		UNIT	S MODE	P MODE	P+ MODE	L MODE
BOOM	UP	SEC	3.9 ± 0.4	3.7 ± 0.4	3.5 ± 0.4	3.9 ± 0.4
	DOWN	SEC	2.8 ± 0.3	2.8 ± 0.3	2.8 ± 0.3	2.8 ± 0.3
ARTI. BOOM	UP	SEC	4.9 ± 0.4	-	4.4 ± 0.4	-
	DOWN	SEC	4.4 ± 0.3	-	4.0 ± 0.3	-
ARM	CROWD	SEC	4.3 ± 0.4	4.1 ± 0.4	4.0 ± 0.4	4.4 ± 0.4
	DUMP	SEC	3.0 ± 0.3	3.0 ± 0.3	2.8 ± 0.3	3.1 ± 0.3
BUCKET	CROWD	SEC	3.4 ± 0.4	3.4 ± 0.4	3.2 ± 0.4	3.8 ± 0.4
	DUMP	SEC	2.8 ± 0.3	2.8 ± 0.3	2.6 ± 0.3	3.2 ± 0.3
SWING (3 REVOLUTIONS)		SEC	-	-	18.5 ± 1.5	-
JACK-UP SPEED (3 TURNS)	LOW	SEC	-	-	37.5 ± 2.0	-
	HIGH	SEC	-	-	21.1 ± 1.5	-
TRAVEL SPEED (20 m)	LOW	SEC	-	-	24.0 ± 1.5	-
	HIGH	SEC	-	-	13.6 ± 1.0	-
TRAVEL DEVIATION (20 m)	LOW	mm	MAX. 150	MAX. 150	MAX. 150	MAX. 150
	HIGH	mm	MAX. 150	MAX. 150	MAX. 150	MAX. 150

13. NOISE LEVEL

L_{WA} GUARANTEED SOUND POWER LEVEL : 104 dB(A) (2000/14/EC)
MESSURED SOUND POWER LEVEL : 103 dB(A) (2000/14/EC)
L_{pA} OPERATOR NOISE : 71 dB(A) (ISO 6396)

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14. SUB GROUP WEIGHT

ITEM			UNIT	FIGURE	REMARKS
SUPER STRUCTURE W/O FRONT			kg	13,568	WITH COUNTER WEIGHT
COUNTER WEIGHT			kg	5,300	
LOWER STRUCTURE ASS'Y			kg	10,958	
FRONT ASS'Y			kg	6284	
BOOM (6.245m)			kg	2,335	WITH BUSH
ARM (3.1m)			kg	1,070	WITH BUSH
BUCKET (1.27m)			kg	1100	
BOOM CYL. (1 ea)			kg	236	
ARM CYL.			kg	320	
BUCKET CYL.			kg	212	
DOZER			kg	-	
DOZER CYL. (ea)			kg	-	
OPTION	BOOM	10.0m	kg	3,037	
		6.26m(ARTI)	Kg	2,494	
	ARM	2.5m	Kg	983	
		2.85m	kg	1,190	
		3.75m	kg	1,149	
		7.0m	kg	1,439	
		BUCKET SAE (CECE)	0.80m ³ (0.7m ³)	kg	860
	1.03m ³ (0.9m ³)		kg	990	
	1.51m ³ (1.3m ³)		kg	1,220	
	1.75m ³ (1.5m ³)		kg	1,310	
	0.64m ³ (0.55m ³)		kg	445	for SLR FRONT
	1.16m ³ (0.99m ³)		kg	1,200	for ROCK
	0.45m ³ (0.38m ³)		kg	365	Ditch Cleaning(1.5m ³) for SLR
	0.54m ³ (0.46m ³)		kg	415	Ditch Cleaning(1.8m ³) for SLR
	ARTI CYL.		kg	252	
	COUNTER WEIGHT		kg	6,300	for SLR FRONT
	LOWER STRUCTURE ASS'Y		kg	10,878	3m NARROW TRACK

MODEL	DX300LC-5	DWG No		29/32
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15. USER SERVICE DATA

COMPARTMENT/ GREASE JOINT	TYPE OF FLUID OR LUBRICANT	No, OF C/G	SERVICE INTERVAL (hr)						
			10	50	250	500	1000	2000	4500
BUCKET JOINT PIN	GREASE	6(6)	※△	△					
BOOM/ARM JOINT PIN	GREASE	11(15)	※△		△				
SWING BEARING	GREASE	3		△					
SWING GEAR	GREASE	1				○			
HYD. ADJUST	GREASE	2				△			
SWING DEVICE	GREASE	1					△		
	GEAR OIL	7ℓ	■			※○	○		
TRAVEL DEVICE	GEAR OIL	2x7ℓ				■※○	○		
ENGINE OIL	API-CJ-4 (ACEA-E9)	36ℓ				○			
OIL TANK	ISO VG #46	280ℓ	■					○	
FUEL TANK	DIESEL	500ℓ	■	▲					
RADIATOR	COOLANT	49ℓ	■					○	
HYD. RETURN FILTER	ELEMENT	1			※○		○		
PILOT FILTER	ELEMENT	1			※○		○		
HYD. OIL SUC. FILTER	STRAINER	1						○	
ENGINE OIL FILTER	CARTRIDGE	1				○			
FUEL PRE FILTER	CARTRIDGE	1	▲			○			
FUEL FILTER	CARTRIDGE	1				○			
AIR CLEANER	ELEMENT (INNER)	1						○	
	ELEMENT (OUTER)	1				□		○	
RAD. CORE	CORE	2				□			
OIL COOLER CORE	CORE	1				□			
INTER COOLER CORE	CORE	1				□			
FUEL COOLER CORE	CORE	1				□			
AIR-CON COND. CORE	CORE	1				□			

※ : FIRST TIME ONLY

▲ : DRAIN WATER

■ : CHECK

() : ARTI BOOM

△ : GREASING

○ : REPLACING

□ : CLEANING

MODEL	DX300LC-5	DWG No		30/32
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COMPARTMENT/ GREASE JOINT	TYPE OF FLUID OR LUBRICANT	No, OF C/G	SERVICE INTERVAL (hr)						
			10	50	250	500	1000	2000	4500
AIR-CON FILTER	CATRIDGE (INNER)	1				□	○		
	CATRIDGE (OUTER)	1				□	○		
AIR BREATHER FILTER	ELEMENT	1					○		
FUEL CAP FILTER	ELEMENT	1					○		
AIR COMPRESSOR FILTER	CATRIDGE	1				□		○	
CENTRIFUGAL OIL CLEANER	ELEMENT	1						○	
UREA (DEF) FILTER	ELEMENT	1					○		
UREA (DEF) TANK	DEF	70ℓ	■						
UREA (DEF) BREATHER FILTER	CARTRIDGE	1					○		
BREAKER FILTER(Opt.)	CATRIDGE	1			○				
OIL BATH PRECLEANER(Opt.)	OIL	9.5ℓ			■				

※ : FIRST TIME ONLY

▲ : DRAIN WATER

■ : CHECK

() : ARTI BOOM

△ : GREASING

○ : REPLACING

□ : CLEANING

MODEL	DX300LC-5	DWG No		31/32
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16. CIRCUITS

- HYDRAULIC CIRCUIT : 950102-00125
- ELECTRIC CIRCUIT : 950102-00204

MODEL	DX300LC-5	DWG No		32/32
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