MOVING YOU FURTHER

340L

SMART

*Photo may Include optional equipment

Engine Rated Power
276 HP (206kw) @ 1900rpm

Operating Weight
33800 kg

Bucket Capacity
2.1 m^3 GP, 1.62 m^3 HD,
1.44 m^3 RB SAE Heaped

HYUNDAI
CONSTRUCTION EQUIPMENT
INDIA

Specifications

Engine

Model		HMC - D6AC-C1
Type		Water Cooled, 4 cycle diesel, 6 cylinder in line, direct injection turbocharged, charge air cooled and low emission
Rated flywheel horse power	SAE J1995 (gross)	276 HP (206 KW) @ 1900 rpm
	SAE J1349 (net)	271 HP (202 KW) @ 1900 rpm
	DIN 6271/1 (gross)	279 PS (206 KW) @ 1900 rpm
	DIN 6271/1 (net)	275 PS (202 KW) @ 1900 rpm
Max. Torque		120 kgf.m (868 lbf.ft) @1400 rpm
Piston displacement		11149 cc

Hydraulic System

Main pump

Type	Two variable displacement piston pumps
Max. flow	2 x 260 lpm
Sub-pump for pilot circuit	Gear pump
Cross-sensing & fuel saving pump system	

Hydraulic motors

Travel	Two speed axial piston motor with counter balance valve and parking brake
Swing	Axial piston motor with automatic brake

Relief valve settings

Implement circuits	330 kgf/cm^2
Travel	330 kgf/cm^2
Swing circuit	265 kgf/cm^2
Power boost (boom, arm, bucket)	360 kgf/cm^2
Pilot circuit	35 kgf/cm^2
Service valve	Installed

Drives & Brakes

Drive method	Fully hydrostatic type
Drive motor	Axial piston motor in-shoe design
Reduction system	3-STAGE Planetary reduction gear
Max. drawbar pull	28500 kgf (62830 lbf)
Max. travel speed (high/low)	5.4 kmph / 3.2 kmph
Gradeability	35^0 (70%)
Parking brake	Multi wet disc

Swing System

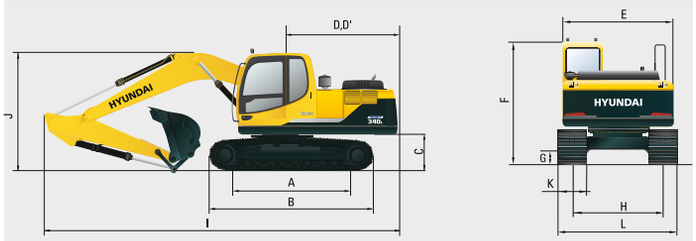
Swing motor	Axial piston motor
Swing reduction	Planetary gear reduction
Swing bearing lubrication	Grease bathed
Swing brake	Multi wet disc
Swing speed	9.5 rpm

Undercarriage

X-Leg type centre frame is integrally welded with reinforced box section track frames. The undercarriage includes lubricated rollers, idlers, track adjusters, with shock absorbing spring and sprockets, and track chain with double or triple grouser shoes.

Centre frame	X-leg type
Track frame	Pentagonal box type
No. of shoes on each side	48
No. of carrier rollers, each side	2
No. of track rollers, each side	9
No. of rail guards on each side	3

Dimensions

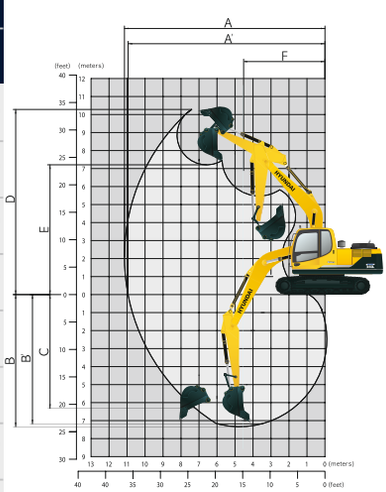


Dimensions mm

A	Tumbler distance		4030
B	Overall length of crawler		4940
C	Ground clearance of counterweight		1200
D	Tail swing radius		3460
D'	Rear-end length		3400
E	Overall width of upperstructure		2980
F	Overall height of cab		3090
G	Min. ground clearance		500
H	Track gauge		2680
I	Overall length	2.2 m ARM	11310
		2.65 m ARM	11200
J	Overall height of boom		3640
K	Track Shoe Width		600
L	Overall width		3280

Working Ranges mm

HD Boom length		6450	
HD Arm length		2200	2650
A	Maximum Digging Reach.	10210	10710
A'	Digging Reach on Ground.	10010	10580
B	Max. Digging Depth.	6305	6820
B'	Max. Digging Depth (8' level).	6110	6650
C	Vertical Digging Depth.	5110	6320
D	Maximum Digging Height.	9830	10190
E	Maximum Dumping Height.	6840	7120
F	Minimum Swing Radius.	4840	4620



Operating Weight & Bucket Capacity

Operating weight*	33800kg
Bucket capacity	2.1 m^3 GP, 1.62 m^3 HD, 1.44 m^3 RB SEA Heaped

*Standard equipment

Robex 340L SMART

Head Office : Plot No. A-2, M.I.D.C Chakan, Phase II, Village: Khalumbre, Taluka: Khed, Dist.: Pune- 410501
Email Id: marketing@hyundaiindia.net
Tel. No.: 02135-301700 Fax. No.: 02135-301712
Toll Free No.: 180030000100
Regional Office North : Delhi Contact No. +91 11 45604521
Regional Office East : Kolkata Contact No. +913330581802
Regional Office South : Bengaluru Contact No. +91 08032521723
Regional Office West : Mumbai Contact No. +91 22 40240320

PLEASE CONTACT

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http://www.hyundaiindia.net