



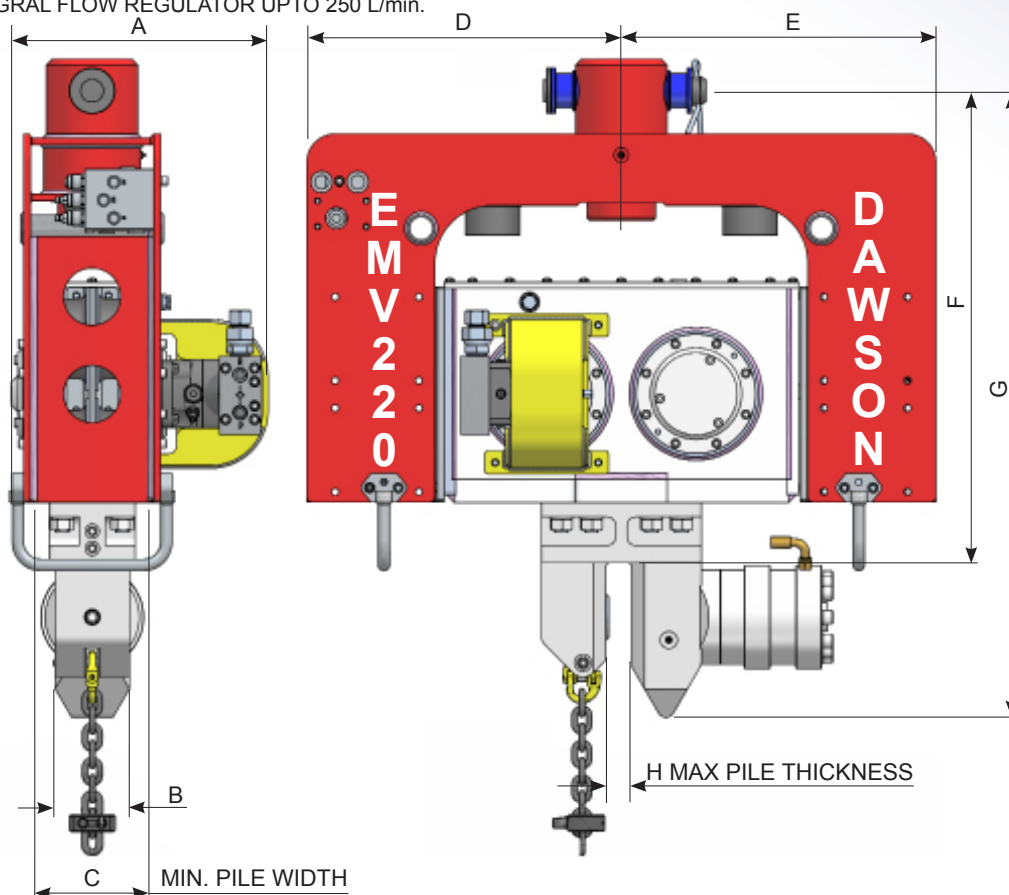
DAWSON
CONSTRUCTION PLANT LTD

EMV220

EXCAVATOR MOUNTED VIBRATOR
BASIC TECHNICAL SPECIFICATIONS

SPECIFICATIONS	EMV220	
UNITS	METRIC	US
STATIC MOMENT	2.3 kgm	200 in lbs
FREQUENCY	50 hz - 3,000 rpm	
CENTRIFUGAL FORCE	220 KN	50,236 lbs.F
AMPLITUDE	12 mm	0.45 in
REQUIRED HYDRAULIC FLOW RATE *	90 L/min	24 gpm
MIN. HYDRAULIC PRESSURE	280 bar	4,060 psi
MAX. HYDRAULIC PRESSURE	350 bar	5,076 psi
MIN. HYDRAULIC POWER	50 kW	80 hp
DYNAMIC MASS	370 kg	814 lbs
TOTAL MASS	580 kg	1,276 lbs
MAX. PILE MASS	800 kg	1,760 lbs
MAX. PUSH/PULL FORCE	7,500 kg	16,500 lbs
CLAMP FORCE	26.5 tonne	
TYPICAL EXCAVATOR WEIGHT	7 to 18 tonne	7.5 to 20 ton
EMV WEIGHT WITH OIL	647Kg	1,424 lbs
EMV STAND	55Kg	121 lbs
EMV70 ADAPTOR BRACKET	33Kg	73 lbs
TRANSPORT WEIGHT	735Kg	1617 lbs

* REQUIRED FLOW = MAX. FREQUENCY
MACHINE HAS INTEGRAL FLOW REGULATOR UPTO 250 L/min.



DIMENSIONS	A	B	C	D	E	F	G	H
mm	455	130	275	550	550	824	1094	40
in	17.9	5.1	10.8	21.6	21.6	32.5	43	1.5