

HYPAC

FAYAT GROUP

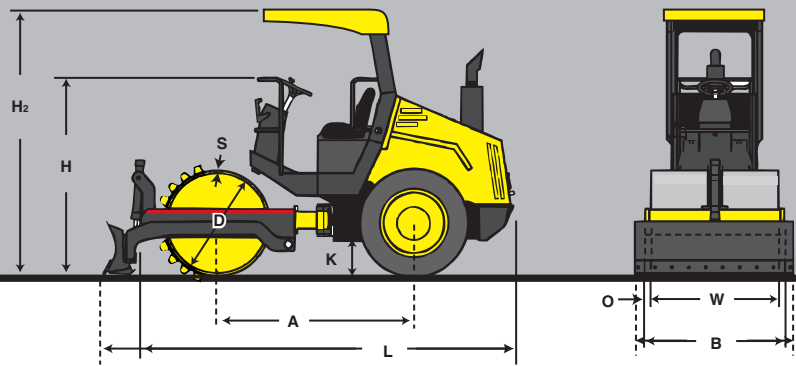
C810D Series

3-5 Ton Single Drum Vibratory Compactors



- *Hydrostatic travel and vibration drives*
- *No grease daily points*
- *Rear axle with no spin differential*
- *Vibration isolated operator's platform*

C810D Series



Dimensions in Inches (mm)

	A	B	D	H	H2	K	L	O	S	W
C815D	71.1 (1805)	51.6 (1310)	37.8 (960)	73.8 (1874)	97.3 (2471)	12.6 (320)	131.9 (3350)	2.2 (55)	0.59 (15)	47.2 (1200)
C812D	71.1 (1805)	51.6 (1310)	35.0 (889)	73.8 (1874)	97.3 (2471)	12.6 (320)	131.9 (3350)	2.2 (55)	0.59 (15)	47.2 (1200)
C812D w/blade	71.1 (1805)	59.6 (1514)	35.0 (889)	73.8 (1874)	97.3 (2471)	12.6 (320)	153.5 (3899)	2.2 (55)	0.59 (15)	47.2 (1200)

Technical Data...

	HYPAC C815D - Smooth Drum		HYPAC C812D - Padfoot Drum		HYPAC C812D - Padfoot Drum w/Blade	
Weights						
Operating weight with ROPS/FOPS	lb (kg)	7010 (3180)	7120 (3230)	8050 (3650)		
Axle load, drum	lb (kg)	3530 (1600)	3625 (1645)	4235 (1920)		
Axle load, wheels	lb (kg)	3480 (1580)	3495 (1585)	3815 (1730)		
Static linear load (drum)	lb/in (kg/cm)	74.8 (13.3)	-	-		
Driving Characteristics (depending on site conditions)						
Speed (1)	mph (km/h)	0-5.6 (0-9)	0-5.6 (0-9)	0-5.6 (0-9)		
Maximum gradeability	%	55	55	55		
Drive						
Engine	(Deutz Diesel)	D2011 L03i	D2011 L03i	D2011 L03i		
Cooling - cylinder heads/liners		air/oil	air/oil	air/oil		
Number of cylinders		3	3	3		
Performance ISO 9249	hp (kW)	44 (33)	44 (33)	44 (33)		
Speed	rpm	2500	2500	2500		
Performance SAEJ 1995	hp (kW)	50 (37)	50 (37)	50 (37)		
Speed	rpm	2800	2800	2800		
Electric equipment	V	12	12	12		
Drums and Tires						
Number of pad feet		-	70	70		
Area of one pad foot	in ² (cm ²)	-	12.6 (81)	12.6 (81)		
Height of one pad foot	in (mm)	-	2.2 (55)	2.2 (55)		
Tire size and tread design		9.5-24/4PR/R-3	9.5-24/6PR/R-1	9.5-24/6PR/R1		
Brakes						
Service brake		hydrostatic	hydrostatic	hydrostatic		
Secondary/Parking brake		SAHR	SAHR	SAHR		
Steering						
Steering system		oscil. artic. hydrostatic	oscil. artic. hydrostatic	oscil. artic. hydrostatic		
Steering method		35/12	35/12	35/12		
Steering / Oscillating angle ±	degrees					
Track radius, inner	in (mm)	88.2 (2240)	88.2 (2240)	88.2 (2240)		
Vibratory system						
Frequency	vpm (Hz)	2460 (41)	2460 (41)	2460 (41)		
Amplitude	in (mm)	0.067 (1.7)	0.063 (1.6)	0.063 (1.6)		
Centrifugal force	lb (kN)	18540 (82.5)	18540 (82.5)	18540 (82.5)		
Capacities						
Fuel	gal (l)	15.9 (60)	15.9 (60)	15.9 (60)		
Technical Data for Dual Amplitude Option						
Weights						
Operating weight with ROPS/FOPS	lb (kg)	7075 (3210)	7185 (3260)	8115 (3880)		
Axle load, drum	lb (kg)	3580 (1625)	3690 (1675)	4300 (1950)		
Axle load, wheels	lb (kg)	3495 (1585)	3495 (1585)	3825 (1730)		
Static linear load (drum)	lb/in (kg/cm)	75.8 (13.5)	-	-		
Vibratory system						
Amplitude	in (mm)	0.067/0.033 (1.7/0.85)	0.063/0.031 (1.6/0.8)	0.063/0.031 (1.6/0.8)		
Centrifugal force	lb (kN)	19125/9675 (85/43)	19125/9675 (85/43)	19125/9675 (85/43)		