



F12 Centrifuge
Service, Inc.
16527 I-45 South
Willis, TX 77318
Ph. 888.907.0612

TECHNICAL SPECIFICATIONS SS2000

BOWL

INTERNAL BOWL DIAMETER:	21IN	533MM
BOWL LENGTH:	72IN	1829MM
FEED PIPE INSIDE DIAMETER:	2.125IN	54MM

TOTAL SOLIDS DISCHARGE AREA:	90IN ²	581CM ²
EFFECTIVE POND DEPTH:	2.5IN ²	63.5CM ²
NUMBER OF PORTS:		6
PORT INSIDE DIAMETER:	1.75IN ²	44.5MM ²
CLARIFYING LENGTH:	41.5IN ²	1054CM ²
BEACH ANGLE-DEGREES		5
FEED TYPE:		OPEN

BOWL SPEED

MAXIMUM RATED SPEED:	3050
TYPICAL HIGH SPEED:	2500
TYPICAL LOW SPEED:	1000

RATED CAPACITY

UNWEIGHTED DRILLING MUD	528 GPM	2000 LPM
WATER:	660 GPM	2500 LPM

SOLIDS CAPACITY:	TPH SHORT	TPH METRIC
	19	17.24

G-FORCE

AT MAXIMUM RATED SPEED:	2774
AT HIGH SPEED:	1864
AT LOW SPEED:	298

DRIVE

MAIN:	VFD
GEARBOX/ BACKDRIVE:	GEARBOX
RATIO:	80:1 OR 140:1

TORQUE RATING:	IN-LB
	NM 98,000

OVERLOAD PROTECTION:	11,073 SHEAR PIN OR TORQUE LIMITER
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CONVEYOR

PITCH:	IN	MM
	VARIABLE	VARIABLE
LEAD TYPE:	DOUBLE	
ELECTRICAL:	HP	Kw
MAIN DRIVE:	125	93
BACK DRIVE (OPTIONAL):	20	15
VOLTS:	460/380	
HERTZ:	60/50	
PHASE:	3	

DEMENSIONS

LENGTH:	169 IN	4293MM
WIDTH:	81 IN	2057.4MM
HEIGHT:	74.5IN	1892.3MM
WEIGHT:	16,300LBS	7,400KG

