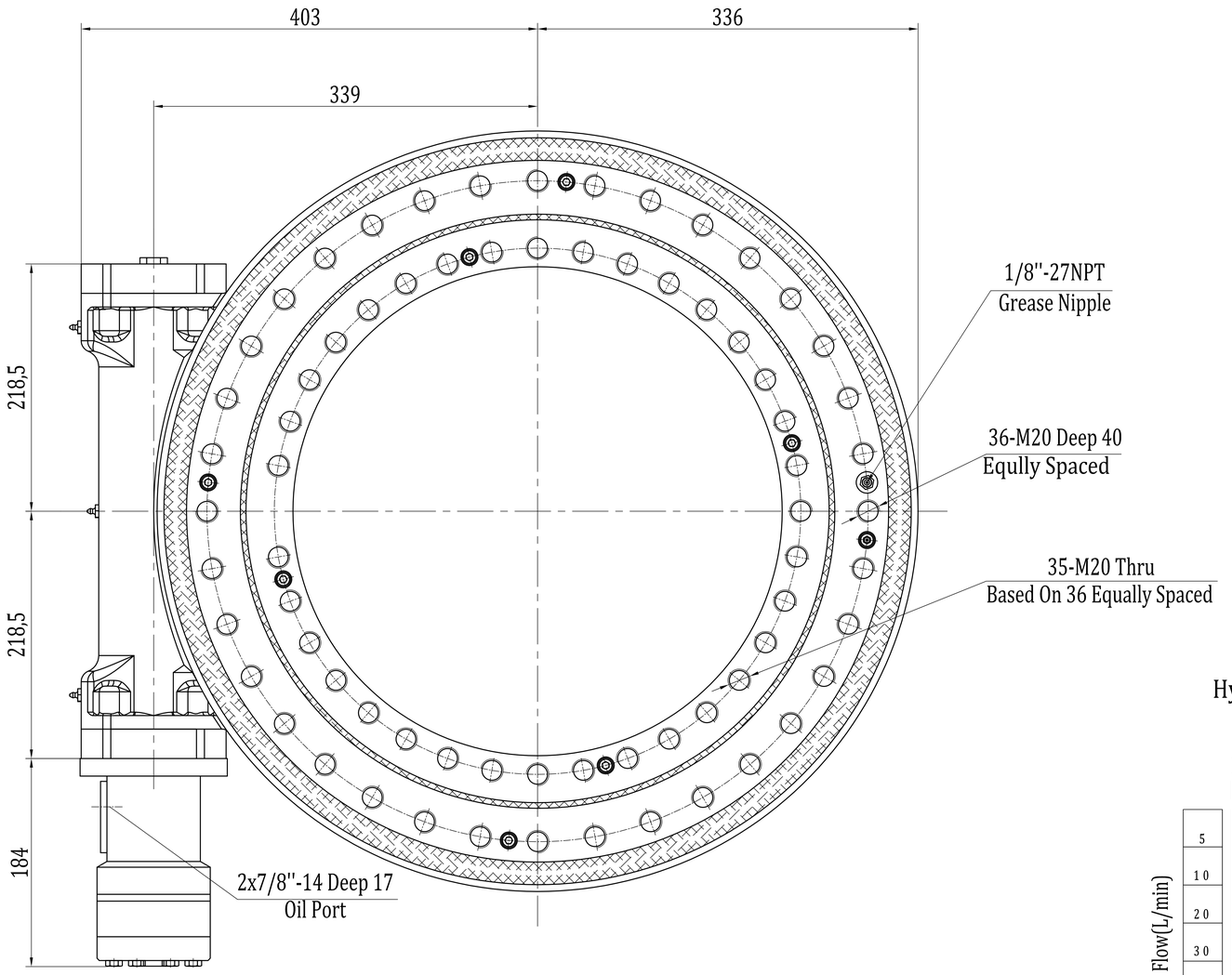
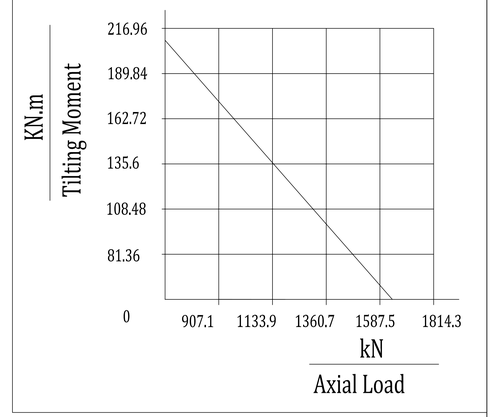


Slewing Drive Performance Parameters	
Rated Output Speed	1.2 rpm
Output Torque	15 kN.m
Tilting Moment（Max.）	203 kN.m
Holding Torque	105,8 kN.m
Static Axial Rating	1598 kN
Static Radial Rating	640 kN
Dynamic Axial Rating	385 kN
Dynamic Radial Rating	335 kN
Gear Ratio	125 : 1
Efficiency	40 %
Precision	≤ 0.15 °
Hydraulic motor Performance Parameters	
Pressure	9MPa
Flow	40L/min

MOMENT LOAD CHART

Axial Load & Tilting Moment



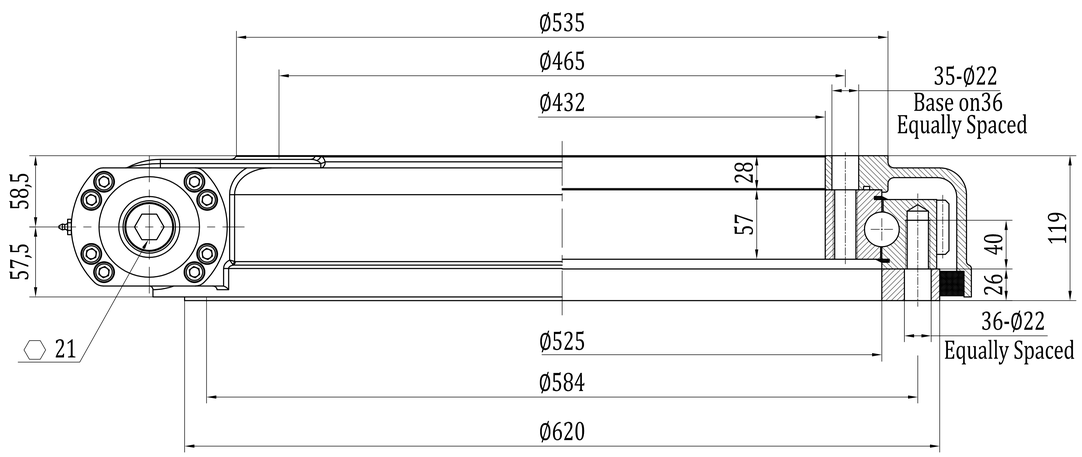
Hydraulic Motor Performance Data

BMR250 [253.5 cm^3/rev.]

Flow(L/min)	Pressure (MPa) 5	7	9	10	12	14	16	17.5	20
5	175 **17**	243 **16**	304 **14**	342 **12**	407 **10**				
10	178 **37**	246 **35**	310 **31**	344 **28**	409 **23**	465 **18**	525 **11**		
20	175 **75**	244 **73**	308 **72**	340 **70**	408 **66**	463 **58**	520 **53**	558 **50**	636 **42**
30	162 **114**	235 **111**	304 **108**	332 **106**	400 **100**	455 **92**	516 **83**	550 **77**	621 **65**
40	143 **154**	223 **152**	300 **150**	329 **147**	396 **143**	447 **132**	512 **120**	546 **110**	617 **90**
50	124 **193**	208 **190**	289 **187**	323 **174**	384 **168**	440 **160**	503 **149**	535 **140**	600 **116**
Continue (max.) 60	103 **233**	192 **230**	280 **227**	314 **224**	371 **218**	426 **205**	489 **190**	514 **181**	578 **155**
70	88 **273**	178 **270**	264 **267**	301 **263**	356 **252**	418 **242**	479 **226**	498 **209**	560 **173**
intermittent (max.) 75	62 **294**	165 **291**	256 **287**	288 **283**	347 **274**	412 **263**	474 **249**	486 **236**	542 **211**

Continue (max.) intermittent (max.)

Torque (N.m) 621
Speed (rpm) 65



REV	DATE	REVISER	REVISER
DESIGNED BY	2019/8/30	Li Ming	www.coresundrive.com
CHECKED BY	2019/8/30	Rui Wang	Coresun Drive Equipment Changzhou Co., Ltd.
APPROVED BY	2019/8/30	Shane Zhang	

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WEIGHT	SCALE	Slewing Drive	
120 kg	1 : 4		
SIZE	A3	SC21-125-RH-250A	REV
SHEET	1 / 1		A

SYMBOLE ISO