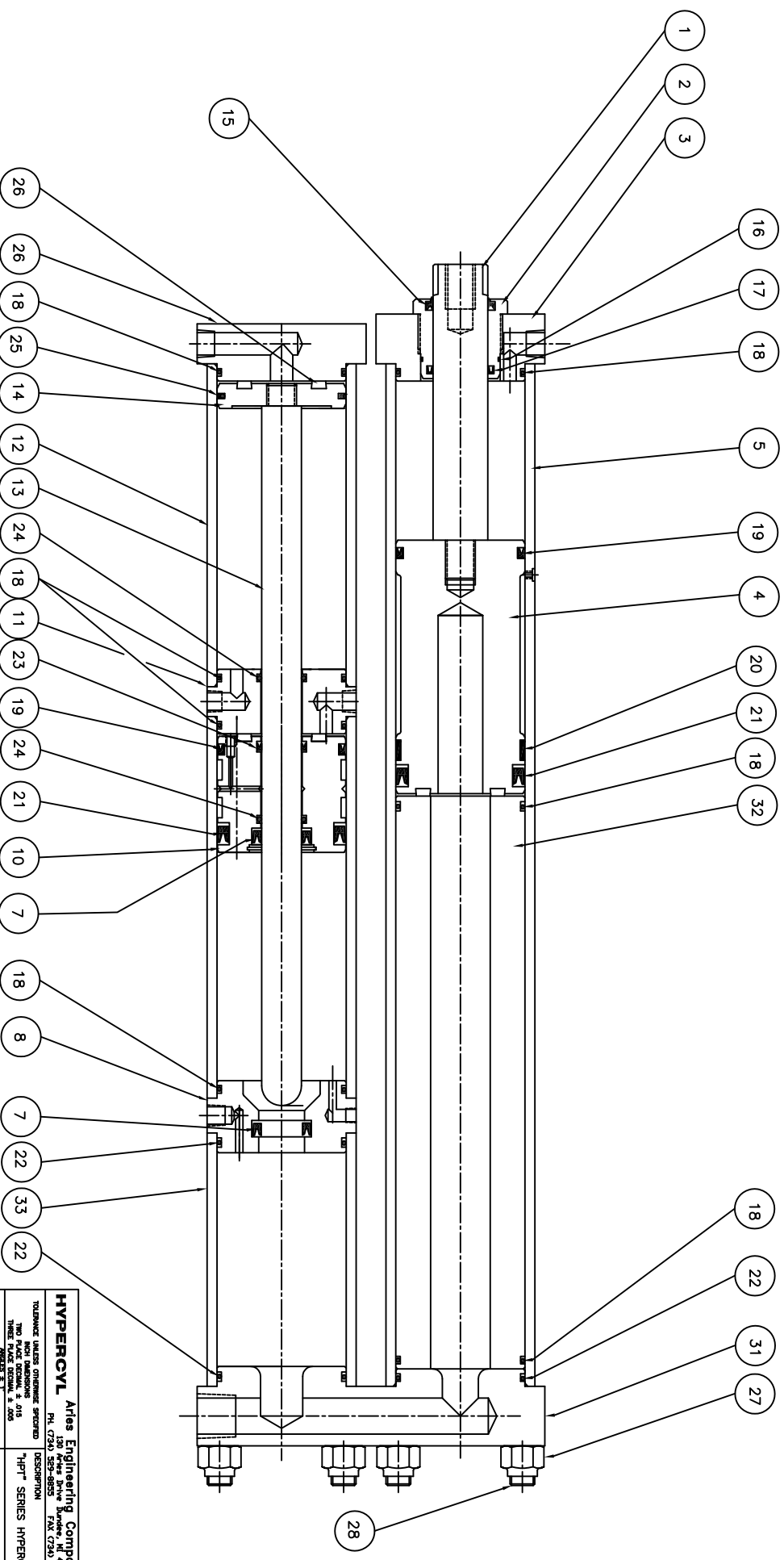


HYPERCYL TONNAGE	THE ROD TORQUE FOOT POUNDS	THE ROD THREAD
1-TON	22 FT-LBS	3/8"-24
2-TON	22 FT-LBS	3/8"-24
4-TON	80 FT-LBS	5/8"-18
8-TON	80 FT-LBS	5/8"-18
10/15/20-TON	120 FT-LBS	3/4"-16
30/40-TON	400 FT-LBS	1.00"-14
50/60-TON	650 FT-LBS	1.25"-12
75/90/100-TON	750 FT-LBS	1.25"-12
200-TON	1000 FT-LBS	1.25"-12

ITEM NO.	AMT.	DESCRIPTION	ITEM NO.	AMT.	DESCRIPTION	ITEM NO.	AMT.	DESCRIPTION	ITEM NO.	AMT.	DESCRIPTION
1	1	E**01-* / WORK ROD	11	1	E**13 / SEPARATOR BLOCK	21	2	"BLUE" PISTON SEAL	31	1	E**19-* / CROSSOVER BLOCK
2	1	E**03 / ROD BEARING CARTRIDGE	12	1	E**14-** / H.P. SECTION TUBE	22	3	"O-RING" #568-***-90	32	1	E**55-* / SPACER
3	1	E**04 / RECTANGULAR WORK HEAD	13	1	E**15-4/** / H.P. ROD	23	1	"BLUE" U-CUP ROD SEAL	33	1	E**61-* / H.P. EXTENSION TUBE
4	1	E**06-* / WORK PISTON	14	1	E**16 / HIGH PRESSURE PISTON	24	2	"O-RING" #NBR-***	34	2	
5	1	E**05-* / WORK SECTION TUBE	15	1	ROD WIPER	25	1	TTE PISTON SEAL W/ O-RING	35	1	
6	3	BP-04 / PISTON BUMPER	16	1	"O-RING" #568-032	26	1	E**21 / CAP	36	1	
7	2	"BLUE" U-CUP ROD SEAL	17	1	ROD U-CUP	27	8	**** HEX LOCK NUT, GRADE 8	37	1	
8	1	E**10 / VALVE BLOCK	18	7	"O-RING" #568-234-70	28	8	E**18-*/** / THE RODS	38	1	
9	1	E**11-* / RESERVOIR SECTION TUBE	19	2	"BLUE" U-CUP PISTON SEAL	29	1	MCMASTER-CARR SHIM #*****	39	1	
10	1	E**12 / RESERVOIR PISTON	20	1	WEAR BAND	30	1	MCMASTER-CARR SNAP-RING #*****	40	1	



HYPERCYL Artes Engineering Company, Inc.
 1501 S. GARDNER DRIVE
 WINDY HILLS, MISSOURI 64588
 PHONE: (781) 527-8855 FAX: (781) 527-8844

TOLERANCE UNLESS OTHERWISE SPECIFIED
 FINISH UNLESS OTHERWISE SPECIFIED
 THREE PLACE DECIMAL, 3.000

DESCRIPTION "HPT" SERIES HYPERCYL CYLINDER

DATE 3/31/16
 DRAWN MAB
 CHECKED DMC

SCALE
 UNIT: SEE BILL OF MATERIAL
 DWG. NO: HPT-**-COMPONENT CALLOUT