

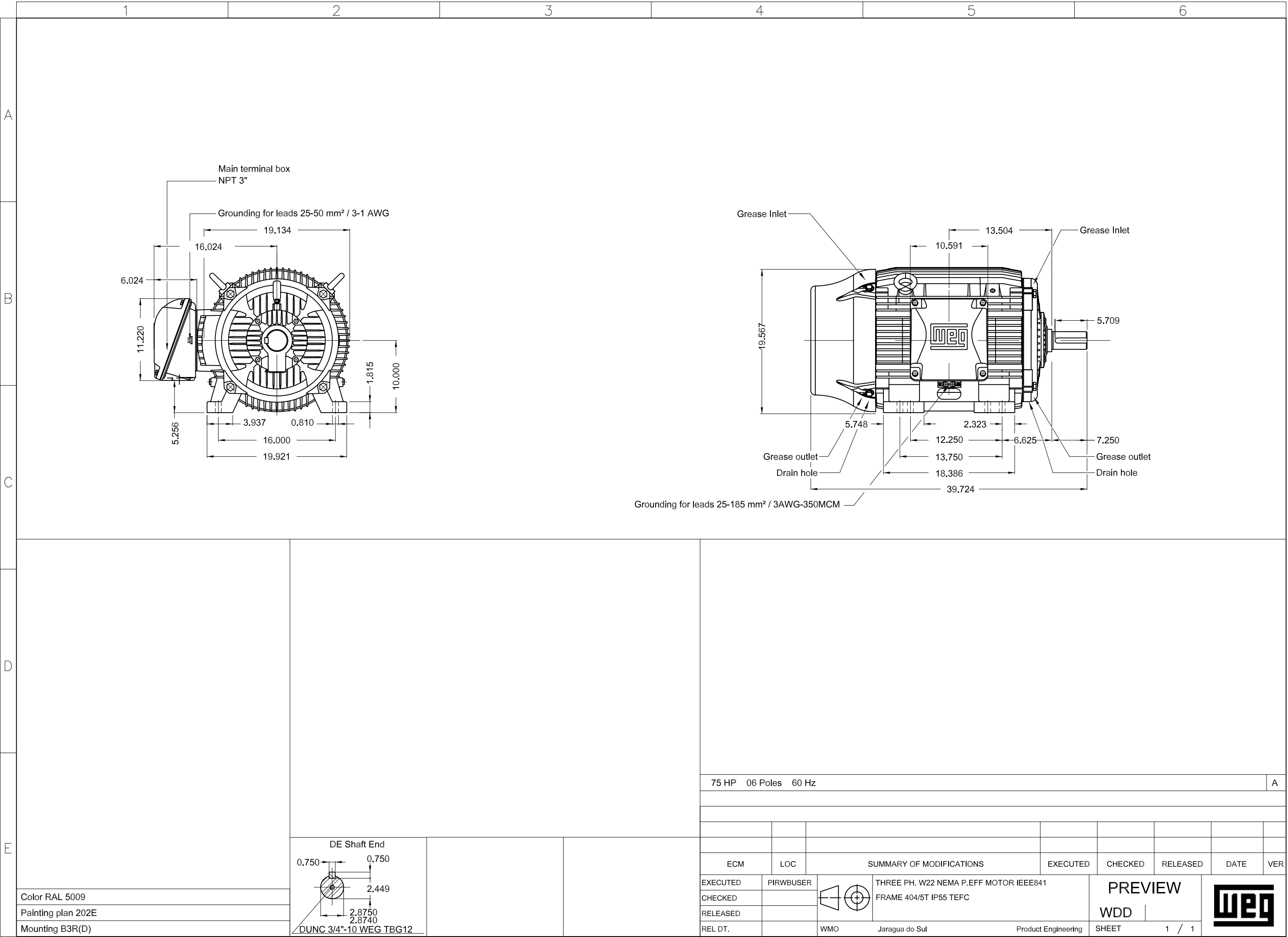
 Flow Pump Division 5310 Taneytown Pike Taneytown, MD 21787	DOCUMENT TITLE MOTOR OUTLINE DRAWING	FLS DOCUMENT NO. E003552_MTR_DWG_OUTLINE
		CUSTOMER DOCUMENT NO. N/A
	PROJECT WORPAR	SDRL CODE N/A

CUSTOMER: DESMET BALLESTRA NORTH AM		PO NO.: PO-00028525	
SERVICE: PE MATURATOR DISCHARGE PUMPS		SALES ORDER NO.: 070-81609	
		SERIAL NO.: 2206ME003552-1/2	
FLS ORDER NO.: E003552		EQUIPMENT: 4M223 PUMP	
Desmet Tags	WEP Tags	EQUIPMENT TAG NO.: DESEMET TAGS: P603.1/1, 1/2 - WEP TAGS: 19-P-751A,751B	
P603.1/1	19-P-751A		
P603.1/2	19-P-751B		

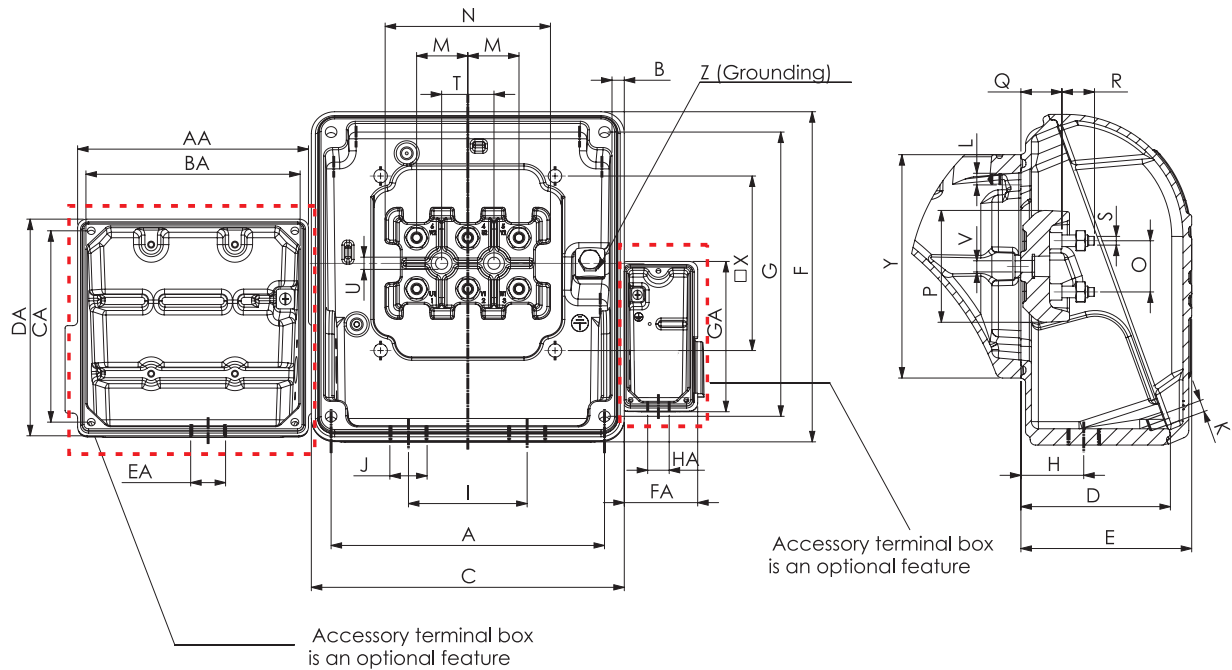
MOTOR OUTLINE DRAWING

PROJECT - WORPAR
ITEM NBR - P603.1/1 - P603.1/2
TYPE - ASSY
eB NBR - 100213153.001
DATE - 09.02.2022

B	1/28/2022	REVIEW	M. TOPPER	T. KARNAS	Z. PLATEK
A	10/21/2021	REVIEW	M. TOPPER	T. KARNAS	Z. PLATEK
REV	ISSUE DATE	ISSUE PURPOSE	ISSUED BY	REVIEWED BY	APPROVED BY



16. Terminal Box Drawing



Frames	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
143/5T	3.858	0.276	4.252	2.283	2.323	3.858	3.583	1.220	1.654	NPT 3/4"	M5x0.8	M5x0.8	0.630	2.087	0.630	1.378	0.610	0.472	M4x0.7	0.787	0.228
182/4T	4.606		5.512	2.717	3.150	5.236	4.606	1.417	2.126	NPT 1"	M6x1.0	M6x1.0	0.906	2.953	0.906	2.047	0.669	0.630	M5x0.8	0.906	0.256
213/5T			5.512	2.717	3.150	5.236	4.606	1.417	2.126	NPT 1"	M6x1.0	M6x1.0	0.906	2.953	0.906	2.047	0.669	0.630	M5x0.8	0.906	0.256
254/6T	6.890	0.335	7.815	3.386	3.976	7.480	6.890	1.811	3.307	NPT 1 1/2"	M8x1.25	M8x1.25	1.102	3.543	1.102	2.362	0.846	0.807	M6x1.0	1.102	0.260
284/6T	8.031	0.374	9.055	3.996	4.705	8.661	8.031	2.205	3.701	NPT 2"			1.378	4.409	1.378	2.913	0.945	0.945	M8x1.25	1.378	0.374
324/6T	8.031	0.374	9.055	3.996	4.705	8.661	8.031	2.205	3.701	NPT 2"	M10x1.5	M10x1.5	1.732	5.512	1.732	3.701	1.280	1.102	M10x1.5	1.772	0.413
364/5T	9.252	0.492	10.591	5.000	6.024	11.220	10.236	2.677	4.331	NPT 3"	M10x1.5	M10x1.5	1.732	5.512	1.732	3.701	1.280	1.102	M10x1.5		
404/5T	9.252	0.492	10.591	5.000	6.024	11.220	10.236		4.331	NPT 3"	M10x1.5	M10x1.5	1.732	5.512	1.732	3.701	1.280	1.102	M10x1.5		
444/5T	10.827	0.531	12.362	5.118	5.965	12.283	10.827	4.961	2xNPT 3"	M12x1.75	M12x1.75	1.772	6.024	1.772	4.252	1.398	1.575	M12x1.75			
445/7T	13.386	0.571	14.921	6.142	6.929	15.039	13.583												3.228	6.299	
447/9T	13.386		14.921	6.142	6.929	15.039	13.583												3.228	6.299	
504/5T	13.386		14.921	6.142	6.929	15.039	13.583	3.228	6.299												
L447/9T	14.370	-	15.905	7.697	8.661	17.165	15.354	3.819	7.874	2xNPT 3"	M10x1.5	M14x2.0	2.559	8.268	2.559	5.748	2.008	1.772	M16x2.0	2.559	-
586/7T	14.370		15.905	7.697	8.661	17.165	15.354	3.819	7.874				2.559	8.268	2.559	5.748	2.008	1.772	M16x2.0	2.559	
588/9T	16.339		18.110	9.843	12.913	21.417	18.898	5.000	6.299				3.150	-	4.134	-	-	-	M20x2.5	-	

Frames	V	X	Y	Z	AA	BA	CA	DA	EA	FA	GA	HA	Maximum connector number			Volume (in³)
													Main	Accessories	Space heater	
143/5T	M5x0.8	2.205	3.031	0.5-6 mm²	4.291	3.543	3.346	3.858					4	16		25
182/4T		2.756	4.213	2-10 mm²									6			50
213/5T		2.756	4.213	2-10 mm²									6			50
254/6T	M6x1.0	4.331	5.669	5.2-25 mm²	5.472	4.606	4.606	5.236	NPT 3/4"	2.657	4.016	NPT 3/4"	15	26	4	135
284/6T		4.331	5.512	5.2-25 mm²												210
324/6T	M8x1.25	4.724	6.102	5.2-35 mm²	5.472	4.606	4.606	5.236	NPT 3/4"	2.657	4.016	NPT 3/4"	15	26	4	460
364/5T	M10x1.5	5.906	7.559	25-50 mm²												592
404/5T		5.906	7.559	25-50 mm²												1100
444/5T		5.906	7.559	25-50 mm²												1696
445/7T	M10x1.5	7.874	10.236	35-70 mm²	5.472	4.606	4.606	5.236	NPT 3/4"	2.657	4.016	NPT 3/4"	15	26	4	3300
447/9T		7.874	10.236	35-70 mm²												3300
504/5T		7.874	10.236	35-70 mm²												3300
L447/9T	M10x1.5	10.236	12.008	85-120 mm²	5.472	4.606	4.606	5.236	NPT 3/4"	2.657	4.016	NPT 3/4"	15	26	4	1696
586/7T		10.236	12.008	85-120 mm²												3300
588/9T	4xM6x1.5	11.417														3300

Note: terminal block is optional on NEMA motors.