



Customer Document title:

Motor Outline Drawing

Flowserve Document title: **Motor Typical Outline Drawing**

Flowserve Document No.: **1400944-014-5920-01**

Document Revision No.: **A**

Flowserve Order No.: **1400944**

Flowserve Serial No.: **1400944CHP014A/D**

Pump Type/Size: **MARK 3 STANDARD / 2K6X4-10RV**

Quantity: **4**

Customer Name: **DESMET BALLESTRA NORTH AMERICA**

PROJECT - WORPAR

ITEM NBR - P635S.1/1-P635S.1/2

P635S.2/1-P635S.2/2

TYPE - ASSY

eB NBR - 100212978.001

DATE - 09.02.2022

Customer Tag No: **DESMET TAG#:P635S.1/1,World Energy TAG#:19-P-752A, DESMET TAG#:P635S.1/2,World Energy TAG#:19-P-752B, DESMET TAG#: P635S.2/1,World Energy TAG#:19-P-852A, DESMET TAG#:P635S.2/2,World Energy TAG#:19-P-852B**

Customer PO No.: **28493**

End User: **DESMET BALLESTRA NORTH AMERICA**

Please complete and return:

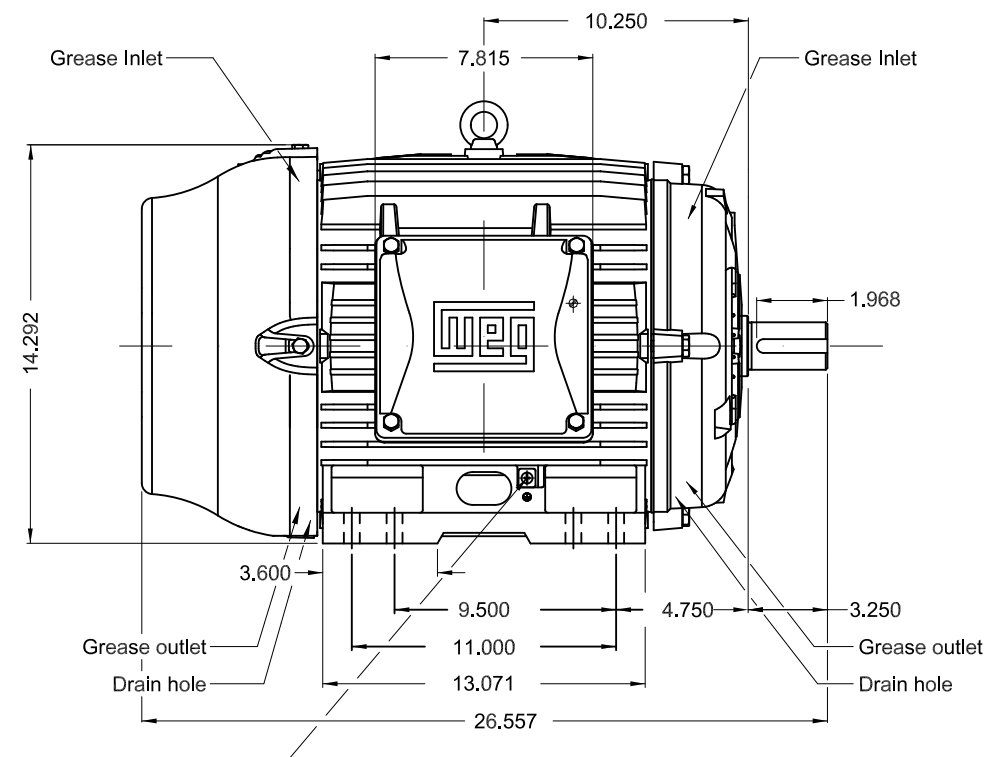
Document Reviewed by:

Document Reviewed date:

- ☐ APPROVED. NO ACTION REQUIRED
- ☐ APPROVED. RE-SUBMIT AS FINAL
- ☐ APPROVED WITH COMMENTS. DOCUMENT WILL BE MODIFIED AND RESUBMITTED AS FINAL.
- ☐ REJECTED. CORRECT AND RE-SUBMIT FOR APPROVAL.
- ☐ FOR INFORMATION. REVIEW NOT REQUIRED
- ☐ AS-BUILT

- Return any documents sent for review with your comments by the stated return date. All documents not returned two weeks after requested Return date will be considered Approved, no action.
- Purchaser's comments and/or corrections within the scope of contract will be made on the first completed document submitted by Flowserve Corp. and returned.
- Corrections, alterations, additions and/or modifications outside scope of contract or made after first submittal may require an additional engineering service charge.
- Items conditionally approved or with deferred approval by purchaser must be specifically stated otherwise delivery may be affected.

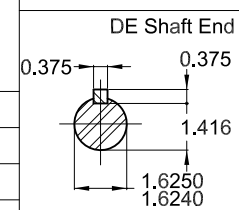
Rev	Revision Description	Released	Release Date
	For Review	Morris, Tamika	14-Dec-21



25 HP 02 Poles 60Hz

Dimensions in inches

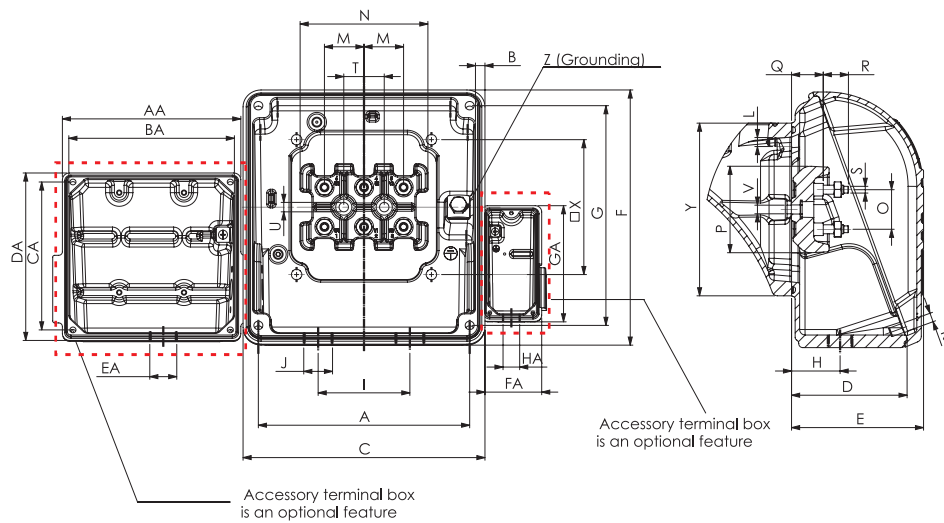
2015



Without vertical jackscrews
Color RAL 5009
Painting plan 202E
Mounting B3R(D)

ECM	LOC	SUMMARY OF MODIFICATIONS	EXECUTED	CHECKED	RELEASED	DATE	VER	
EXECUTED	USERADMIN		THREE PH. W22 NEMA P.EFF MOTOR IEEE841		PREVIEW WDD		 UEP Engenharia e Projeto Ltda.	
CHECKED			FRAME 284/6TS IP55 TEFC					
RELEASED								
REL DT.		WMO Jaragua do Sul	Product Engineering		SHEET	1 / 1		

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		4.528	2.283	2.638	4.094	3.583	1.220	1.654	NPT 3/4"	M5 x 0.8	M5 x 0.8	0.630	2.087	0.630	1.378	0.610	0.472	M4 x 0.7	0.787	0.228
182/4T	4.606	0.276	5.512	2.717	3.150	5.236	4.606	1.417	2.126	NPT 1"	M6 x 1.0	M6 x 1.0	0.906	2.953	0.906	2.047	0.669	0.630	M5 x 0.8	0.906	0.256
213/5T																					
254/6T	6.890	0.335	7.815	3.386	3.976	7.480	6.890	1.811	3.307	NPT 1 1/2"	M8 x 1.25	M8 x 1.25	1.102	3.543	1.102	2.362	0.846	0.807	M6 x 1.0	1.102	0.260
284/6T																					
324/6T	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	M8 x 1.25	1.378	0.374
364/5T																					
404/5T	9.252	0.492	10.591	5.000	6.024	11.267	10.236	2.677	4.331	NPT 3"	M10 x 1.5	M10 x 1.5	1.732	5.512	1.732	3.701	1.280	1.102	M10 x 1.5		
444/5T	10.827	0.531	12.362	5.118	5.970	12.283	10.827		4.961											1.772	
445/7T																					
447/9T	13.386		14.921	6.142	6.929	15.039	13.583	3.228	6.299	2xNPT 3"	M12 x 1.75	M12 x 1.75	1.772	6.024	1.772	4.252	1.398	1.575	M12 x 1.75		0.413
504/5T		0.571																			
L447/9T	14.370		15.906	7.697	8.661	17.165	15.354	3.819	7.874			M14 x 2.0	2.559	8.268	2.559	5.748	2.008	1.772	M16 x 2.0	2.559	
586/7T																					
588/9T	16.339	-	18.110	9.843	11.417	21.417	18.898	5.000	6.299	2xNPT 4"	M10 x 1.5		3.150	-	4.134	-	-	-	M20 x 2.5	-	-

Frames	V	X	Y	Z	AA	BA	CA	DA	EA	FA	GA	HA	Max connector number			Volume (in³)									
													Main	Accessories	Space heater										
143/5T	M5 x 0.8	2.205	3.031	0.5-6 mm²	4.272	3.543	3.346	3.780	NPT 3/4"	2.657	4.016	NPT 3/4"	4	16	-	25									
182/4T		2.756	4.213	2-10 mm²									6			50									
213/5T		5.669	5.512	5.2-25 mm²									12			210									
254/6T	M6 x 1.0	4.331	5.512	5.2-25 mm²	5.453	4.606	4.606	5.118					2.657	5.236	NPT 3/4"	16	26	4	135						
284/6T		4.724	6.102	5.2-35 mm²															460						
324/6T		5.906	7.559	25-50 mm²															592						
364/5T	M8 x 1.25	7.874	10.236	35-70 mm²	7.795	6.890	6.890	7.382											-	11.417	50-70 mm²	-	3300		
404/5T		10.236	12.008	85-120 mm²																				1696	
444/5T		11.417	50-70 mm²	3300																					
445/7T	M10 x 1.5	7.874	10.236	35-70 mm²	7.795	6.890	6.890	7.382																-	11.417
447/9T		10.236	12.008	85-120 mm²					1696																
504/5T		11.417	50-70 mm²	3300																					
L447/9T	-	7.874	10.236	35-70 mm²	7.795	6.890	6.890	7.382	-	11.417	50-70 mm²	-													
586/7T		10.236	12.008	85-120 mm²									1696												
588/9T		11.417	50-70 mm²	3300																					

Note: terminal block is optional on NEMA motors.