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**AFDE200/270/400/470/600 Series Belt Pulley ratios**

Speed	Speed	Ratio	Driver/Motor Pulley	Driven Pulley	Belt	Gearbox	Motor
50Hz	60Hz					4.375:1	
330	400	1.0	432323 (26)	432323 (26)	432383 (75)	411013	4 pole
550	660	1.8	432353 (46)	432313 (25)	432413 (85)	411013	4 pole
850	1000	1.3	432333 (33)	432313 (25)	432393 (78)	411013	2 pole
900	1080	0.6	432273 (16)	432323 (26)	432373 (70)	-	4 pole
1200	1400	1.8	432353 (46)	432313 (25)	432413 (85)	411013	2 pole
1200	1400	0.8	432283 (19)	432303 (23)	432373 (70)	-	4 pole
1450	1750	1.0	432323 (26)	432323 (26)	432383 (75)	-	4 pole
1750	2100	0.6	432273 (16)	432323 (26)	432373 (70)	-	2 pole
2350	2800	0.8	432283 (19)	432303 (23)	432373 (70)	-	2 pole
2850	3400	1.0	432323 (26)	432323 (26)	432383 (75)	-	2 pole
3750	4500	1.3	432333 (33)	432313 (25)	432393 (78)	-	2 pole
4600	5500	1.6	432343 (40)	432313 (25)	432403 (82)	-	2 pole
5250	6300	1.8	432353 (46)	432313 (25)	432413 (85)	-	2 pole
8000	9600	2.8	432363 (56)	432293 (20)	432423 (90)	-	2 pole
10000	12000	3.5	432363 (56)	432273 (16)	432423 (90)	-	2 pole
180	215	0.6	432273 (16)	432323 (26)	432373 (70)	411013	4 pole
270	330	0.8	432283 (19)	432303 (23)	432373 (70)	411013	4 pole
400	480	0.6	432273 (16)	432323 (26)	432373 (70)	411013	2 pole
550	660	0.8	432283 (19)	432303 (23)	432373 (70)	411013	2 pole
650	800	1.0	432323 (26)	432323 (26)	432383 (75)	411013	2 pole
800	960	2.4	432353 (46)	432283 (19)	432403 (82)	411013	4 pole
950	1100	2.8	432363 (56)	432293 (20)	432423 (90)	411013	4 pole
1200	1400	3.5	432363 (56)	432273 (16)	432423 (90)	411013	4 pole
1450	1750	2.3	432353 (46)	432293 (20)	432403 (82)	411013	2 pole
1750	2100	1.2	432303 (23)	432283 (19)	432373 (70)	-	4 pole
1900	2300	1.3	432333 (33)	432313 (25)	432393 (78)	-	4 pole
2300	2800	1.6	432343 (40)	432313 (25)	432403 (82)	-	4 pole
2650	3200	1.8	432353 (46)	432313 (25)	432413 (85)	-	4 pole
3500	4200	1.2	432303 (23)	432283 (19)	432373 (70)	-	2 pole
4050	4850	2.8	432363 (56)	432293 (20)	432423 (90)	-	4 pole
5075	6100	3.5	432363 (56)	432273 (16)	432423 (90)	-	4 pole

\*\* Standard Ratios

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\*\* On AFDE200 Only

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\*\* are the standard tools  
 Knowing the standard RPM of the existing tool  
 1. Find either the 2 or 4 pole designation, then look for other motors with same pole designation and find the new pulley and belts for the new speed

Series	Nominal Power	4 pole 240/480V	2 pole 240/480V	4 pole 575V	2 pole 575V
200	0.34hp/0.25kW		374533 (63F)		325143 (63F)
400/600	0.44hp/0.33kW	432763 (71F)	325133 (63F)	433003 (71F)	396153 (63F)
410/610	1.00hp/0.75kW	433273 (71F)	239003 (71F)	433873 (71F)	253623 (71F)
420/620	1.5hp/1.1kW	433603 (71F)	433613 (71F)	434103 (71F)	434113 (71F)
270*	0.24hp/0.18kW	381253 (63F)			
470*	0.5hp/0.37kW	310373 (63F)			
480*	1.0hp/0.75kW	380433 (71F)			
Nominal Speed(60Hz)		1750rpm	3420rpm	1750rpm	3420rpm

\* Brake Motors Used

63F is Motor Frame Size  
 71F is Motor Frame Size

63  
 71

4 Holes M5 on 75 PCD with 60mm boss  
 4 Holes M6 on 85 PCD with 70mm boss

Motor Mount	63F	71F
	410823	410843

Note:

Motor screws change with motor mount.

For 410823 use 223113 4 off For 410843 use 229353 4 off

If removing a gearbox on an AFDE you need screws 228003 - 2 off, 209493 - 2 off.

If removing a gearbox on an AFTE you need screws 228003-1 off, 209493-1 off, 265453-1 off, 236463-1 off

If adding a gearbox all screws are supplied with the gearbox

**200/400/600 Belt Part Numbers and Markings**

	No Of Teeth	STS-
432373	Belt 70 teeth	70 350
432383	Belt 75 teeth	75 375
432393	Belt 78 teeth	78 390
432403	Belt 82 teeth	82 410
432413	Belt 85 teeth	85 425
432423	Belt 90 teeth	90 450