

50Hz



GENERAL CATALOGUE

Edition 2022

www.pentax-pumps.it

Where there's water there's Pentax



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PENTAX s.p.a.



CA/CAT

CAX

~ 2900 r.p.m.

4CA/4CAT

4CAX

~ 1450 r.p.m.

Centrifugal EN 733

Bare shaft centrifugal pumps constructed in compliance with EN 733 standards; widely used in water supplies, pressurisation and fire-fighting systems. The pump is supplied with counter-flanges.



CA/CAT
4CA/4CAT



CAX/4CAX

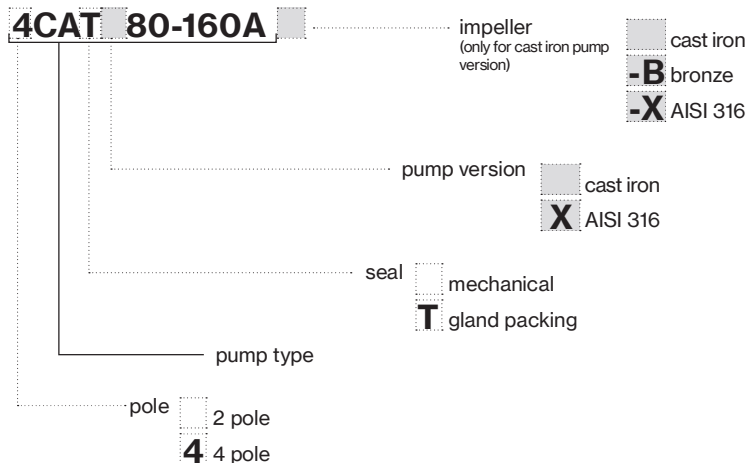


Construction features

Pump body	cast iron (CA/CAT) stainless steel AISI 316 (CAX)
Motor bracket	cast iron
Impeller	cast iron, bronze, steel (CA/CAT) stainless steel AISI 316 (CAX)
Seal	mechanical ceramic-graphite (CA/CAX) or gland packing graphite impregnated (CAT)
Pump shaft end	stainless steel AISI 316
Liquid temperature	-10 ÷ +90 °C
Operating pressure	max 10 bar max 14 bar (... -315 ~ 2900 r.p.m.)

Motor

Available with IE3 efficiency class motor



CA/CAT

CAX ~ 2900 r.p.m.

4CA/4CAT

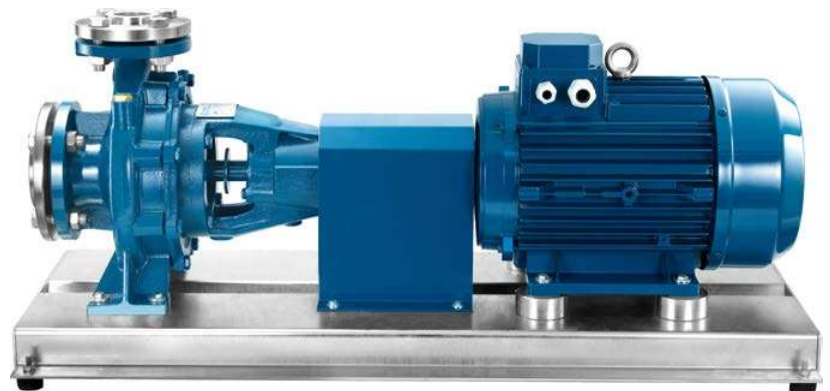
4CAX ~ 1450 r.p.m.

Centrifugal EN 733

Construction variants



**CAX
4CAX**



**CA/CAT
4CA/4CAT**

**CA/CAX
4CA/4CAX**
mechanical seal



**CAT
4CAT**
gland packing seal



CA/CAT - CAX ~ EN 733

TYPE	P ₂ nom. kW	Motor Size	Q (m ³ /h - l/min)											
			0	6	7,5	9	12	15	18	21	24	27	30	33
			0	100	125	150	200	250	300	350	400	450	500	550
H (m) / pump input power (kW)														
32-160C	1,5	90S	23,0 <u>0,57</u>	22,8 <u>0,93</u>	22,5 <u>1,02</u>	22,0 <u>1,10</u>	21,0 <u>1,26</u>	19,2 <u>1,40</u>	16,9 <u>1,52</u>	14,0 <u>1,61</u>				
32-160B	2,2	90L	28,0 <u>0,83</u>	27,7 <u>1,24</u>	27,4 <u>1,35</u>	27,0 <u>1,45</u>	26,2 <u>1,65</u>	24,9 <u>1,83</u>	22,9 <u>1,99</u>	20,1 <u>2,13</u>	17,0 <u>2,25</u>			
32-160A	3	100L	36,1 <u>1,29</u>	36,2 <u>1,80</u>	36,0 <u>1,94</u>	35,6 <u>2,07</u>	34,6 <u>2,32</u>	33,2 <u>2,55</u>	31,4 <u>2,76</u>	28,9 <u>2,94</u>	25,7 <u>3,11</u>	22,1 <u>3,25</u>		
32-200C	4	112M	40,2 <u>1,61</u>	40,3 <u>2,27</u>	40,1 <u>2,45</u>	39,8 <u>2,63</u>	38,9 <u>2,96</u>	37,7 <u>3,27</u>	36,1 <u>3,56</u>	34,2 <u>3,82</u>	31,6 <u>4,08</u>	28,7 <u>4,31</u>		
32-200B	5,5	132S	48,3 <u>2,35</u>	48,0 <u>3,16</u>	47,9 <u>3,37</u>	47,6 <u>3,57</u>	46,7 <u>3,97</u>	45,5 <u>4,35</u>	44,2 <u>4,71</u>	42,6 <u>5,05</u>	40,5 <u>5,36</u>	37,9 <u>5,66</u>	35,4 <u>5,93</u>	
32-200A	7,5	132S	57,9 <u>3,06</u>	58,3 <u>4,03</u>	58,4 <u>4,28</u>	58,4 <u>4,53</u>	58,0 <u>5,02</u>	57,1 <u>5,50</u>	55,6 <u>5,92</u>	53,8 <u>6,34</u>	51,4 <u>6,72</u>	49,2 <u>7,08</u>	46,6 <u>7,42</u>	44,3 <u>7,72</u>
32-250C	11	160M	74,6 <u>4,25</u>		72,8 <u>5,69</u>	72,5 <u>6,00</u>	71,9 <u>6,59</u>	70,5 <u>7,17</u>	68,8 <u>7,69</u>	66,6 <u>8,17</u>	64,1 <u>8,67</u>	61,3 <u>9,08</u>		
32-250B	11	160M	84,8 <u>5,16</u>		84,0 <u>6,93</u>	83,9 <u>7,29</u>	83,6 <u>7,99</u>	82,7 <u>8,66</u>	81,1 <u>9,28</u>	78,6 <u>9,87</u>	75,4 <u>10,44</u>	73,2 <u>11,05</u>		
32-250A	15	160M	93,5 <u>5,71</u>		93,6 <u>7,59</u>	93,7 <u>7,99</u>	93,7 <u>8,82</u>	93,4 <u>9,59</u>	92,3 <u>10,35</u>	90,4 <u>11,07</u>	87,7 <u>11,72</u>	85,3 <u>12,34</u>		

TYPE	P ₂ nom. kW	Motor Size	Q (m ³ /h - l/min)																
			0	9	12	15	18	21	24	27	30	33	36	39	42	4			
			0	150	200	250	300	350	400	450	500	550	600	650	700	750	800	900	1000
H (m) / pump input power (kW)																			
40-125C	1,5	90S	17,9 <u>0,56</u>	18,5 <u>0,96</u>	18,4 <u>1,09</u>	18,1 <u>1,21</u>	17,5 <u>1,31</u>	16,6 <u>1,41</u>	15,6 <u>1,48</u>	14,3 <u>1,53</u>	12,8 <u>1,57</u>	11,1 <u>1,59</u>	9,4 <u>1,60</u>						
40-125B	2,2	90L	22,6 <u>0,82</u>	23,4 <u>1,30</u>	23,3 <u>1,48</u>	23,1 <u>1,63</u>	22,7 <u>1,76</u>	22,0 <u>1,89</u>	21,0 <u>2,00</u>	19,9 <u>2,09</u>	18,6 <u>2,16</u>	17,0 <u>2,22</u>	15,1 <u>2,27</u>	13,2 <u>2,30</u>					
40-125A	3	100L	26,8 <u>1,10</u>	27,6 <u>1,64</u>	27,7 <u>1,83</u>	27,6 <u>2,03</u>	27,2 <u>2,20</u>	26,5 <u>2,37</u>	25,7 <u>2,52</u>	24,6 <u>2,65</u>	23,4 <u>2,76</u>	22,0 <u>2,86</u>	20,3 <u>2,95</u>	18,5 <u>3,02</u>	16,8 <u>3,08</u>				
40-160B	3	100L	28,2 <u>1,26</u>	29,2 <u>1,92</u>	29,2 <u>2,13</u>	28,9 <u>2,33</u>	28,3 <u>2,51</u>	27,5 <u>2,67</u>	26,5 <u>2,82</u>	25,3 <u>2,96</u>	23,8 <u>3,08</u>	22,3 <u>3,17</u>	20,5 <u>3,25</u>						
40-160A	4	112M	33,8 <u>1,62</u>	34,9 <u>2,33</u>	34,8 <u>2,58</u>	34,5 <u>2,81</u>	33,9 <u>3,04</u>	33,2 <u>3,25</u>	32,4 <u>3,44</u>	31,3 <u>3,62</u>	30,0 <u>3,78</u>	28,5 <u>3,93</u>	26,9 <u>4,06</u>	25,2 <u>4,16</u>	23,4 <u>4,25</u>				
40-160AP	5,5	132S	38,6 <u>1,90</u>	39,8 <u>2,76</u>	39,9 <u>3,06</u>	39,8 <u>3,33</u>	39,4 <u>3,60</u>	38,7 <u>3,85</u>	37,9 <u>4,08</u>	37,0 <u>4,29</u>	35,8 <u>4,49</u>	34,4 <u>4,67</u>	32,9 <u>4,84</u>	31,1 <u>5,00</u>	29,3 <u>5,14</u>	27,4 <u>5,27</u>	25,3 <u>5,39</u>		
40-200B	5,5	132S	44,6 <u>2,32</u>	45,5 <u>3,25</u>	45,4 <u>3,62</u>	45,0 <u>3,96</u>	44,5 <u>4,27</u>	43,5 <u>4,57</u>	42,3 <u>4,85</u>	41,0 <u>5,11</u>	39,3 <u>5,35</u>	37,2 <u>5,57</u>	34,9 <u>5,76</u>	32,3 <u>5,94</u>	29,4 <u>6,13</u>				
40-200A	7,5	132S	56,2 <u>3,48</u>	56,5 <u>4,63</u>	56,5 <u>5,08</u>	56,3 <u>5,51</u>	55,9 <u>5,91</u>	55,1 <u>6,31</u>	54,1 <u>6,68</u>	52,8 <u>7,01</u>	51,2 <u>7,32</u>	49,3 <u>7,63</u>	47,0 <u>7,90</u>	44,4 <u>8,14</u>	41,6 <u>8,37</u>				
40-200AP	7,5	132S	61,7 <u>3,50</u>	61,4 <u>4,81</u>	61,2 <u>5,30</u>	60,8 <u>5,74</u>	60,0 <u>6,16</u>	59,1 <u>6,56</u>	57,9 <u>6,95</u>	56,4 <u>7,31</u>	54,7 <u>7,65</u>	53,1 <u>7,96</u>	51,1 <u>8,25</u>	48,5 <u>8,51</u>	45,5 <u>8,73</u>	42,2 <u>8,93</u>			
40-250C	11	160M	64,8 <u>4,23</u>	64,4 <u>5,50</u>	64,2 <u>6,02</u>	63,8 <u>6,56</u>	63,4 <u>7,11</u>	62,7 <u>7,65</u>	61,9 <u>8,14</u>	61,0 <u>8,63</u>	59,8 <u>9,12</u>	57,9 <u>9,57</u>	55,4 <u>10,01</u>						
40-250B	11	160M	73,7 <u>5,33</u>	73,9 <u>6,74</u>	74,5 <u>7,38</u>	73,2 <u>7,96</u>	71,9 <u>8,53</u>	71,1 <u>9,10</u>	70,2 <u>9,69</u>	69,2 <u>10,28</u>	68,1 <u>10,87</u>	66,7 <u>11,43</u>	64,7 <u>11,91</u>	62,1 <u>12,39</u>					
40-250A	15	160M	82,6 <u>6,57</u>	84,6 <u>8,36</u>	84,8 <u>9,03</u>	84,7 <u>9,74</u>	84,3 <u>10,45</u>	83,4 <u>11,11</u>	82,4 <u>11,76</u>	81,3 <u>12,44</u>	80,0 <u>13,08</u>	78,5 <u>13,66</u>	76,9 <u>14,23</u>	75,4 <u>14,80</u>	72,8 <u>15,37</u>	69,0 <u>15,93</u>			
40-250BM max 14 bar	18,5	160L	92,6 <u>7,41</u>	93,2 <u>9,12</u>	93,3 <u>9,78</u>	93,2 <u>10,48</u>	93,1 <u>11,18</u>	92,8 <u>11,91</u>	92,4 <u>12,65</u>	91,7 <u>13,38</u>	90,9 <u>14,06</u>	89,8 <u>14,73</u>	88,3 <u>15,38</u>	86,5 <u>16,00</u>	84,6 <u>16,60</u>	82,3 <u>17,18</u>	79,5 <u>17,74</u>	72,0 <u>18,83</u>	
40-250AM max 14 bar	22	180M	101,7 <u>8,80</u>	103,0 <u>10,63</u>	102,8 <u>11,26</u>	102,3 <u>11,93</u>	102,2 <u>12,69</u>	102,0 <u>13,46</u>	101,7 <u>14,21</u>	101,2 <u>14,97</u>	100,4 <u>15,74</u>	99,4 <u>16,50</u>	98,1 <u>17,22</u>	96,5 <u>17,92</u>	94,8 <u>18,61</u>	93,1 <u>19,29</u>	90,9 <u>19,96</u>	85,0 <u>21,28</u>	77,5 <u>22,45</u>

TYPE	P ₂ nom. kW	Motor Size	Q (m ³ /h - l/min)																		
			0	12	15	18	21	24	27	30	33	36	39	42	45	48	54	60	66	72	78
			0	200	250	300	350	400	450	500	550	600	650	700	750	800	900	1000	1100	1200	1300
H (m) / pump input power (kW)																					
50-125B	3	100L	20,0 <u>1,15</u>	20,6 <u>1,65</u>	20,6 <u>1,79</u>	20,4 <u>1,93</u>	20,3 <u>2,07</u>	20,1 <u>2,19</u>	19,9 <u>2,28</u>	19,6 <u>2,37</u>	19,2 <u>2,49</u>	18,7 <u>2,63</u>	18,2 <u>2,75</u>	17,6 <u>2,84</u>	17,0 <u>2,92</u>	16,4 <u>3,00</u>	15,0 <u>3,13</u>	13,2 <u>3,21</u>	11,3 <u>3,28</u>	9,2 <u>3,31</u>	
50-125A	4	112M	23,7 <u>1,50</u>	24,3 <u>2,02</u>	24,3 <u>2,19</u>	24,2 <u>2,35</u>	24,1 <u>2,51</u>	23,9 <u>2,66</u>	23,7 <u>2,81</u>	23,3 <u>2,94</u>	23,0 <u>3,07</u>	22,6 <u>3,21</u>	22,1 <u>3,34</u>	21,7 <u>3,47</u>	21,2 <u>3,59</u>	20,7 <u>3,69</u>	19,6 <u>3,88</u>	18,2 <u>4,03</u>	16,4 <u>4,15</u>	14,2 <u>4,23</u>	
50-160B	5,5	132S	32,1 <u>1,92</u>			33,5 <u>3,60</u>	33,4 <u>3,84</u>	33,1 <u>4,06</u>	32,7 <u>4,28</u>	32,2 <u>4,48</u>	31,6 <u>4,67</u>	31,0 <u>4,84</u>	30,2 <u>4,99</u>	29,1 <u>5,12</u>	28,3 <u>5,24</u>	26,2 <u>5,45</u>	23,8 <u>5,60</u>	21,5 <u>5,70</u>	18,9 <u>5,75</u>		
50-160A	7,5	132S	38,1 <u>2,49</u>			39,8 <u>4,44</u>	39,8 <u>4,74</u>	39,7 <u>5,03</u>	39,5 <u>5,30</u>	39,2 <u>5,56</u>	38,8 <u>5,79</u>	38,3 <u>6,00</u>	37,7 <u>6,21</u>	36,9 <u>6,21</u>	36,0 <u>6,60</u>	34,2 <u>6,93</u>	32,2 <u>7,20</u>	29,7 <u>7,45</u>	27,4 <u>7,66</u>	25,4 <u>7,95</u>	
50-200C	11	160M	48,2 <u>3,13</u>			49,7 <u>6,11</u>	49,2 <u>6,44</u>	48,5 <u>6,75</u>	47,7 <u>7,06</u>	46,9 <u>7,35</u>	45,9 <u>7,62</u>	44,9 <u>7,88</u>	43,7 <u>8,11</u>	42,6 <u>8,31</u>	40,0 <u>8,67</u>	36,0 <u>9,02</u>	32,3 <u>9,26</u>	28,9 <u>9,43</u>			
50-200B	11	160M	53,1 <u>3,44</u>			54,6 <u>6,75</u>	54,1 <u>7,14</u>	53,5 <u>7,52</u>	52,9 <u>7,86</u>	52,2 <u>8,17</u>	51,4 <u>8,47</u>	50,4 <u>8,78</u>	49,3 <u>9,09</u>	48,1 <u>9,34</u>	45,5 <u>9,76</u>	42,7 <u>10,15</u>	38,8 <u>10,47</u>	35,0 <u>10,73</u>			
50-200A	15	160M	59,9 <u>4,38</u>			61,8 <u>7,92</u>	61,5 <u>8,36</u>	61,0 <u>8,78</u>	60,4 <u>9,20</u>	59,7 <u>9,62</u>	58,8 <u>10,02</u>	58,0 <u>10,38</u>	57,1 <u>10,73</u>	56,0 <u>11,05</u>	53,6 <u>11,65</u>	50,8 <u>12,17</u>	47,8 <u>12,62</u>	44,4 <u>13,01</u>	39,8 <u>13,35</u>		
50-250C	15	160M	69,2 <u>5,27</u>			68,2 <u>10,08</u>	67,7 <u>10,60</u>	67,0 <u>11,11</u>	66,3 <u>11,60</u>	65,6 <u>12,07</u>	64,7 <u>12,52</u>	63,8 <u>12,94</u>	62,8 <u>13,33</u>	62,8 <u>14,14</u>	59,9 <u>14,94</u>	56,2 <u>15,59</u>	52,1 <u>16,59</u>				
50-250B	18,5	160L	78,8 <u>6,33</u>			78,4 <u>11,72</u>	78,0 <u>12,33</u>	77,6 <u>12,92</u>	77,0 <u>13,49</u>	76,1 <u>14,03</u>	75,1 <u>14,55</u>	74,0 <u>15,06</u>	72,9 <u>15,53</u>	70,3 <u>16,44</u>	66,9 <u>17,34</u>	62,9 <u>18,18</u>	58,5 <u>18,96</u>				
50-250A	22	180M	88,5 <u>7,43</u>			88,3 <u>13,20</u>	88,1 <u>13,87</u>	87,7 <u>14,55</u>	87,2 <u>15,22</u>	86,6 <u>15,88</u>	85,8 <u>16,51</u>	84,8 <u>17,13</u>	83,8 <u>17,74</u>	81,4 <u>18,90</u>	78,5 <u>19,99</u>	75,0 <u>21,00</u>	70,2 <u>21,94</u>	64,8 <u>22,82</u>			



TYPE	P ₂ nom. kW	Motor Size	Q (m ³ /h - l/min)															
			0	42	45	48	54	60	66	72	78	84	96	108	120	132	138	144
			0	700	750	800	900	1000	1100	1200	1300	1400	1600	1800	2000	2200	2300	2
			H (m) / pump input power (kW)															
50-315DN No EN 733; only CA version	37	200L	87,8 11,19	90,4 20,11	90,3 20,81	90,2 21,52	89,9 22,91	89,2 24,19	88,2 25,41	87,1 26,58	86,0 27,71	84,8 28,81	82,4 30,91	79,9 32,92	76,9 34,81	73,4 36,56		
50-315CN No EN 733; only CA version	45	225M	101,8 13,32	105,0 23,97	104,9 24,79	104,8 25,63	104,3 27,25	103,7 28,77	102,7 30,21	101,5 31,55	100,3 32,85	99,1 34,15	96,7 36,68	94,1 39,06	91,3 41,26	88,7 43,26		
50-315BN No EN 733; only CA version	55	250M	122,3 17,44	124,3 29,30	124,4 30,29	124,5 31,30	124,7 33,28	124,4 35,10	123,6 36,80	122,5 38,35	121,3 39,85	119,9 41,39	116,6 44,41	113,3 47,32	110,1 50,01	107,1 52,39	105,4 53,60	103,5 54,83
50-315AN No EN 733; only CA version	75	280S	146,1 22,75	146,9 35,89	147,1 37,03	147,3 38,21	147,4 40,53	147,3 42,66	146,9 44,71	146,3 46,72	145,3 48,67	144,1 50,59	141,2 54,26	137,9 57,67	134,1 60,84	130,0 63,78	127,9 65,11	125,8 66,34

TYPE	P ₂ nom. kW	Motor Size	Q (m ³ /h - l/min)																					
			0	30	33	36	39	42	45	48	54	60	66	72	78	84	96	108	120	132	138	144	150	
			0	500	550	600	650	700	750	800	900	1000	1100	1200	1300	1400	1600	1800	2000	2200	2300	2400	2500	
			H (m) / pump input power (kW)																					
65-125B	5,5	132S	19,7 2,07	20,6 3,36	20,5 3,49	20,4 3,62	20,4 3,75	20,3 3,87	20,2 3,99	20,0 4,11	20,0 4,34	19,7 4,54	19,3 4,71	18,8 4,87	18,2 5,03	17,5 5,17	16,3 5,45	15,0 5,67	13,1 5,84					
65-125A	7,5	132S	24,6 2,95	25,2 4,37	25,2 4,52	25,1 4,68	25,1 4,83	25,0 4,98	24,9 5,13	24,9 5,29	24,7 5,60	24,5 5,89	24,2 6,16	23,9 6,41	23,5 6,65	23,0 6,86	22,0 7,25	20,6 7,55	18,8 7,77	16,8 7,93				
65-160C	11	160M	28,9 2,67					30,6 5,52	30,5 5,71	30,3 5,90	30,0 6,26	29,6 6,60	29,1 6,93	28,5 7,23	27,9 7,51	27,2 7,77	25,3 8,26	22,9 8,64	20,2 8,92	17,5 9,11	16,0 9,17	13,9 9,19		
65-160B	11	160M	33,2 3,37					35,1 6,51	35,0 6,74	34,9 6,95	34,6 7,37	34,3 7,77	33,8 8,17	33,3 8,56	32,8 8,91	32,1 9,24	30,4 9,85	28,2 10,38	25,5 10,82	22,5 11,17	21,4 11,34	20,4 11,49		
65-160A	15	160M	40,1 4,54					42,5 8,31	42,5 8,59	42,5 8,86	42,3 9,37	42,1 9,86	41,8 10,35	41,4 10,85	41,0 11,32	40,4 11,77	38,9 12,65	37,1 13,46	35,3 14,14	32,8 14,79	31,7 15,14	30,9 15,52		
65-200C	15	160M	44,4 4,38								46,1 10,30	45,4 10,87	44,7 11,44	44,0 12,00	43,2 12,52	42,4 12,98	40,3 13,76	37,5 14,36	33,7 14,89	28,9 15,27	26,8 15,43			
65-200B	18,5	160L	51,7 5,71								53,9 12,58	53,4 13,25	52,7 13,89	52,0 14,51	51,3 15,12	50,4 15,66	48,6 16,56	45,9 17,56	43,0 18,37	39,4 18,96	37,1 19,20	34,6 19,42		
65-200A	22	180M	60,3 7,25								61,8 14,56	61,4 15,38	61,0 16,18	60,4 16,93	59,8 17,64	59,1 18,33	57,1 19,66	54,6 20,84	51,6 21,83	48,3 22,73	46,5 23,10	44,4 23,41		
65-250B	30	200L	80,6 9,16								80,6 19,79	79,5 20,77	78,4 21,74	77,1 22,72	75,7 23,63	74,1 24,37	70,4 25,59	66,1 26,73	61,0 27,55	54,7 28,09	51,0 28,27	47,3 28,38		
65-250A	37	200L	91,6 11,32								91,6 23,01	90,8 24,18	89,8 25,33	88,6 26,47	87,4 27,58	85,9 28,55	82,5 30,14	77,8 31,64	72,8 32,77	67,4 33,54	64,3 33,85	60,8 34,09	57,9 34,25	

TYPE	P ₂ nom. kW	Motor Size	Q (m ³ /h - l/min)																					
			0	54	60	66	72	78	84	96	108	120	132	138	144	150	156	168	180	195	210			
			0	900	1000	1100	1200	1300	1400	1600	1800	2000	2200	2300	2400	2500	2600	2800	3000	3250	3500			
			H (m) / pump input power (kW)																					
65-315CN only CA version	55	250M	93,9 15,58	96,5 26,64	96,4 27,96	96,3 29,26	96,0 30,48	95,6 31,67	95,1 32,88	93,8 35,28	92,3 37,55	90,7 39,76	89,1 41,99	88,3 43,09	87,5 44,18	86,5 45,24	85,5 46,28	83,2 48,31	80,8 50,27					
65-315BN only CA version	75	280S	116,5 21,16	117,9 34,28	117,8 35,82	117,7 37,35	117,4 38,80	117,0 40,26	116,4 41,84	114,9 45,05	113,3 47,88	111,4 50,51	109,4 53,05	108,3 54,27	107,2 55,48	106,0 56,64	104,9 57,76	102,5 59,94	99,9 62,26	96,3 65,43				
65-315AN only CA version	90	280M	138,2 26,69	138,8 43,17	138,5 45,02	138,1 46,88	137,6 48,78	137,0 50,67	136,4 52,51	135,0 56,09	133,5 59,51	131,7 62,82	129,5 66,08	128,3 67,67	127,0 69,20	125,8 70,68	124,5 72,10	121,8 74,81	118,8 77,32	114,8 80,16	110,4 83,11			



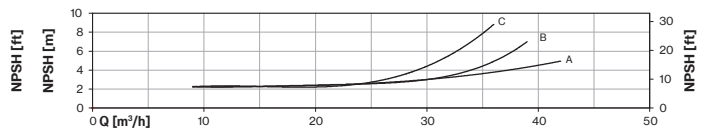
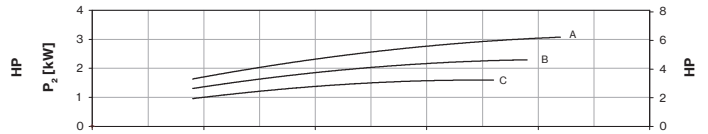
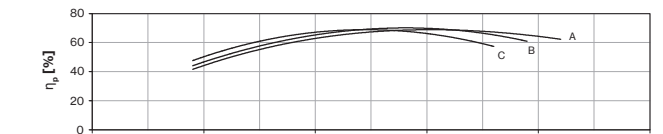
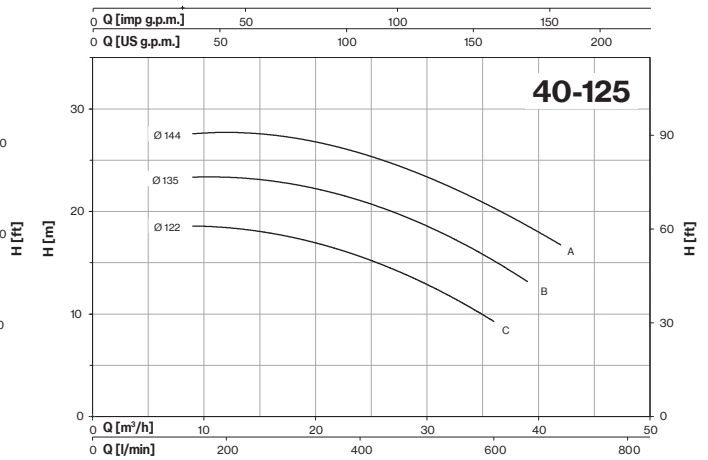
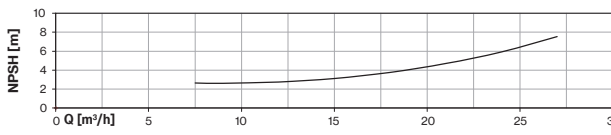
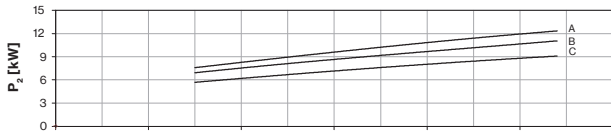
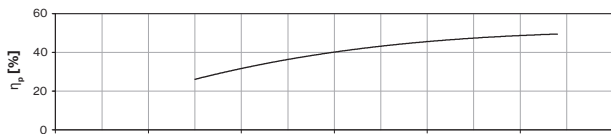
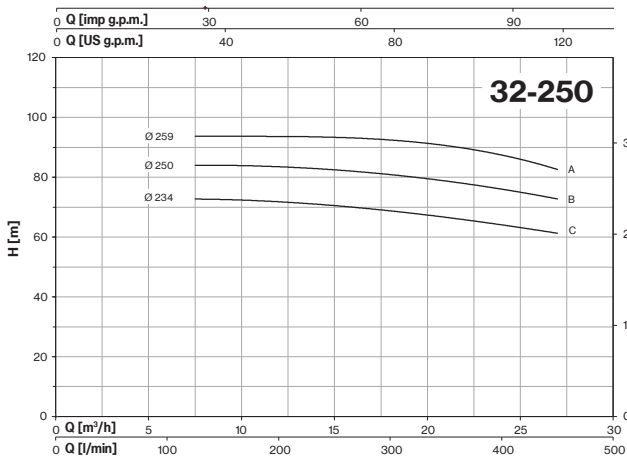
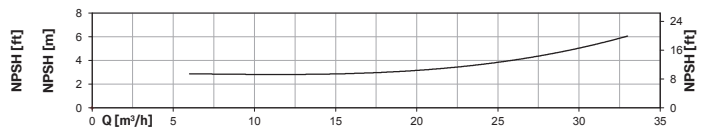
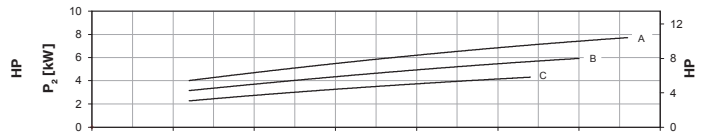
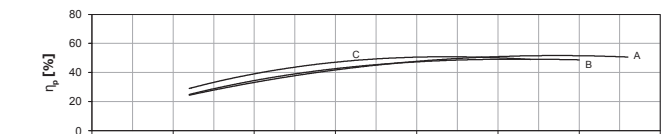
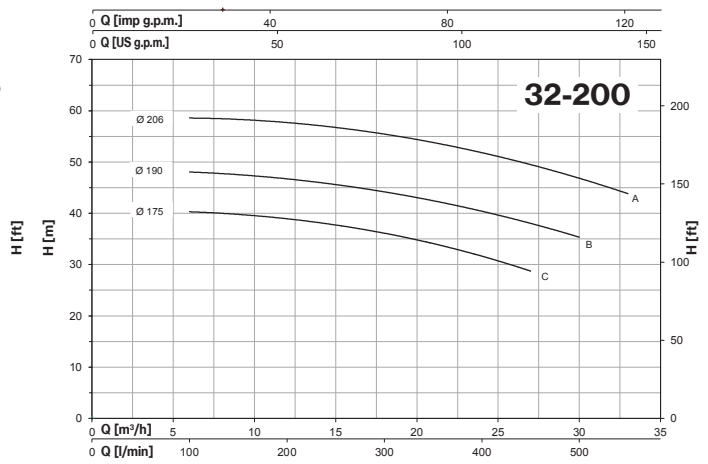
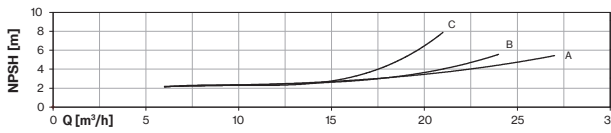
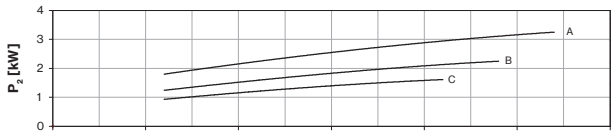
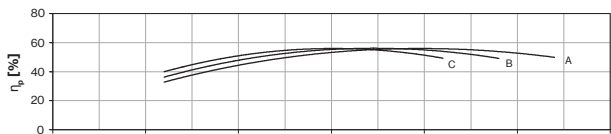
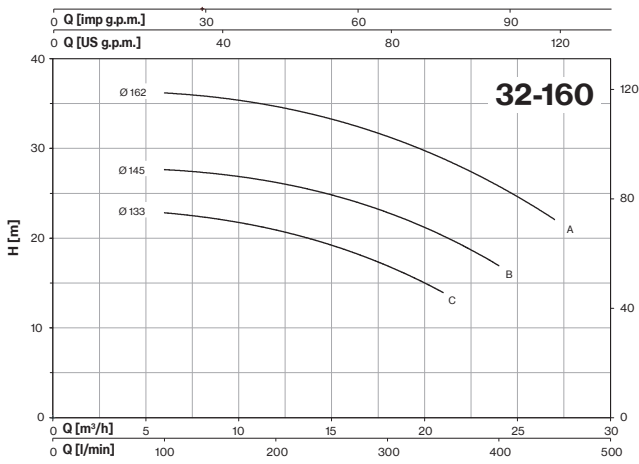
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TYPE	P ₂ nom. kW	Motor Size	Q (m ³ /h - l/min)																	
			0	66	72	78	84	96	108	120	132	138	144	156	168	180	195	210	225	24
			0	1100	1200	1300	1400	1600	1800	2000	2200	2300	2400	2600	2800	3000	3250	3500	3	
H (m) / pump input power (kW)																				
80-160E	11	160M	21,5 <u>3,48</u>	22,9 <u>6,43</u>	22,5 <u>6,65</u>	22,1 <u>6,86</u>	21,6 <u>7,07</u>	20,8 <u>7,45</u>	19,9 <u>7,76</u>	18,9 <u>8,05</u>	17,7 <u>8,38</u>	17,2 <u>8,52</u>	16,6 <u>8,65</u>	15,3 <u>8,84</u>	13,7 <u>8,88</u>					
80-160D	11	160M	25,4 <u>4,16</u>	27,3 <u>7,74</u>	27,0 <u>8,01</u>	26,6 <u>8,27</u>	26,3 <u>8,53</u>	25,4 <u>9,03</u>	24,5 <u>9,46</u>	23,5 <u>9,79</u>	22,4 <u>10,14</u>	21,8 <u>10,32</u>	21,2 <u>10,49</u>	19,9 <u>10,76</u>	18,3 <u>10,95</u>	16,4 <u>11,07</u>				
80-160C	15	160M	29,0 <u>4,74</u>	30,9 <u>8,66</u>	30,7 <u>8,98</u>	30,4 <u>9,29</u>	30,1 <u>9,59</u>	29,4 <u>9,92</u>	28,5 <u>10,22</u>	27,4 <u>10,85</u>	26,3 <u>11,38</u>	25,8 <u>11,85</u>	25,3 <u>12,06</u>	24,1 <u>12,25</u>	22,5 <u>12,59</u>	20,7 <u>13,05</u>	18,4 <u>13,21</u>			
80-160B	18,5	160L	33,6 <u>6,28</u>	35,9 <u>10,61</u>	35,7 <u>10,94</u>	35,4 <u>11,25</u>	35,2 <u>11,57</u>	34,5 <u>12,25</u>	33,7 <u>12,99</u>	32,9 <u>13,69</u>	32,0 <u>14,33</u>	31,6 <u>14,62</u>	31,1 <u>14,90</u>	30,0 <u>15,38</u>	28,6 <u>15,75</u>	27,0 <u>16,04</u>	24,5 <u>16,35</u>	22,0 <u>16,57</u>		
80-160A	22,5	180M	38,0 <u>6,82</u>	40,5 <u>12,04</u>	40,4 <u>12,50</u>	40,2 <u>12,96</u>	40,1 <u>13,42</u>	39,6 <u>14,34</u>	39,1 <u>15,23</u>	38,4 <u>16,05</u>	37,5 <u>16,81</u>	37,1 <u>17,19</u>	36,6 <u>17,57</u>	35,4 <u>18,29</u>	34,1 <u>18,86</u>	32,6 <u>19,34</u>	30,4 <u>19,84</u>	28,3 <u>20,38</u>	23,9 <u>20,28</u>	
80-200B	30	200L	50,4 <u>8,89</u>				54,5 <u>18,00</u>	53,9 <u>19,22</u>	53,2 <u>20,56</u>	52,3 <u>22,05</u>	51,3 <u>23,32</u>	50,7 <u>23,79</u>	50,2 <u>24,21</u>	48,9 <u>25,06</u>	47,4 <u>26,03</u>	45,8 <u>26,97</u>	43,4 <u>27,97</u>	40,9 <u>28,81</u>	38,5 <u>29,48</u>	
80-200A	37	200L	57,3 <u>10,32</u>				61,7 <u>21,15</u>	61,3 <u>22,43</u>	60,6 <u>24,43</u>	59,4 <u>26,13</u>	58,2 <u>27,62</u>	57,8 <u>28,17</u>	57,5 <u>29,28</u>	56,8 <u>30,39</u>	55,4 <u>31,67</u>	53,7 <u>32,98</u>	49,1 <u>34,05</u>	46,6 <u>34,94</u>	43,9 <u>35,68</u>	
80-250B	45	225M	77,2 <u>14,01</u>					80,0 <u>30,93</u>	79,0 <u>32,60</u>	77,5 <u>34,34</u>	75,3 <u>36,13</u>	74,2 <u>37,02</u>	73,1 <u>37,86</u>	71,0 <u>39,38</u>	69,0 <u>40,78</u>	67,0 <u>42,10</u>	64,5 <u>43,60</u>	61,8 <u>44,94</u>	58,8 <u>46,15</u>	
80-250A	55	250M	90,0 <u>16,74</u>					92,8 <u>36,56</u>	91,1 <u>38,57</u>	89,3 <u>40,54</u>	87,4 <u>42,46</u>	86,4 <u>43,39</u>	85,4 <u>44,31</u>	83,1 <u>46,12</u>	80,7 <u>47,81</u>	78,5 <u>49,29</u>	75,7 <u>50,92</u>	72,4 <u>52,59</u>	68,8 <u>54,18</u>	65,2 <u>55,50</u>

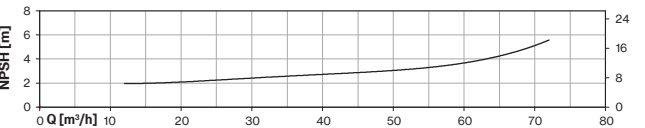
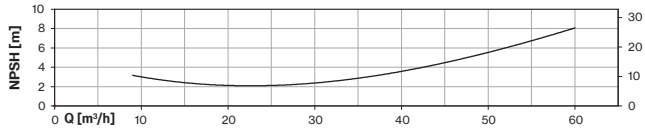
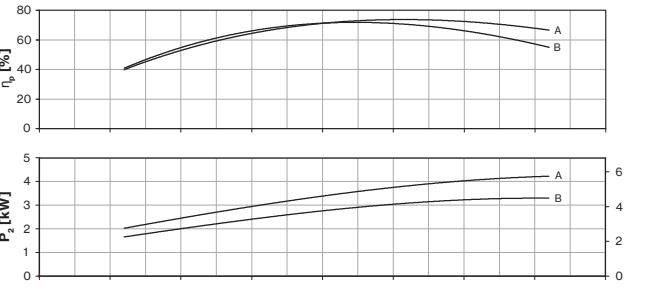
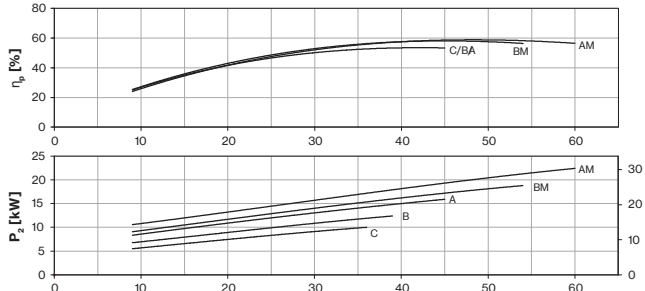
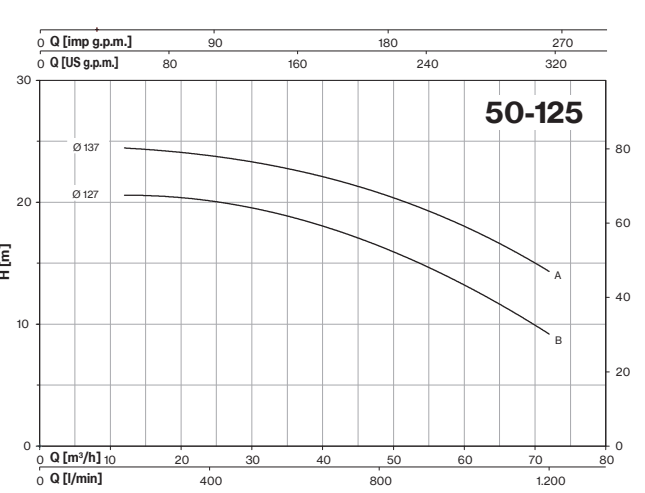
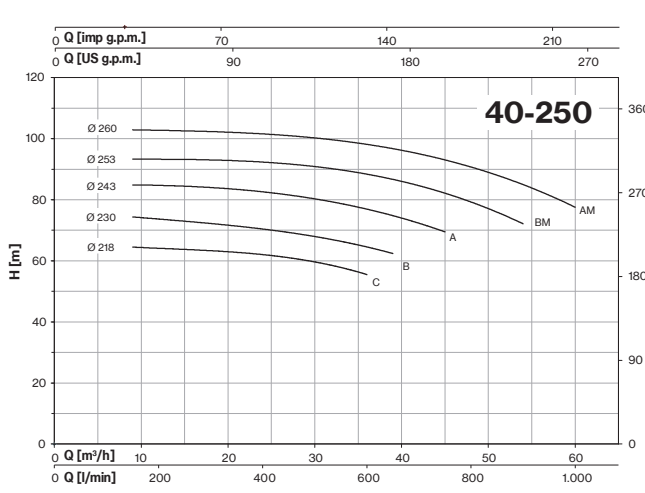
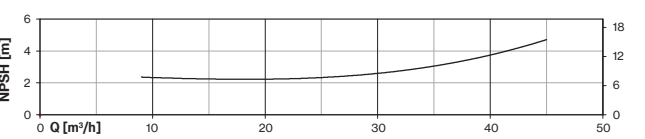
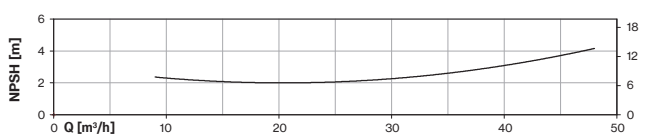
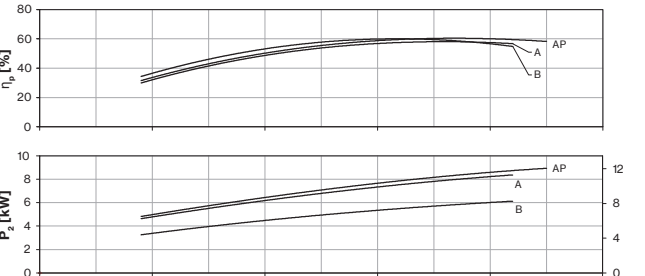
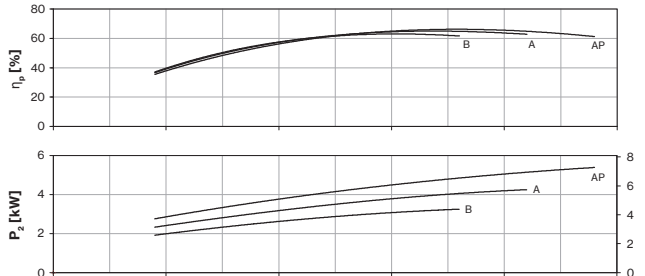
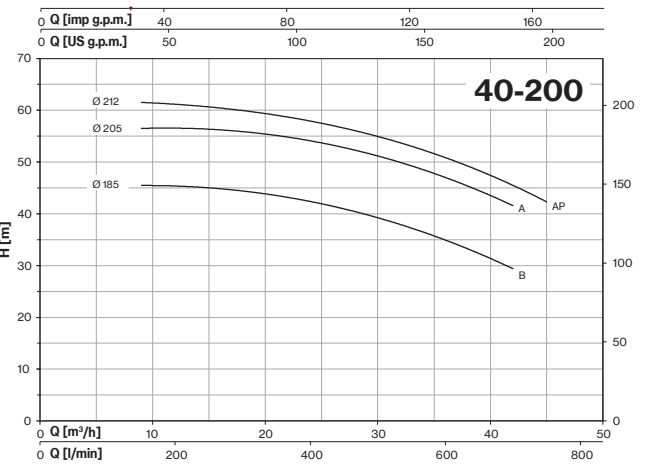
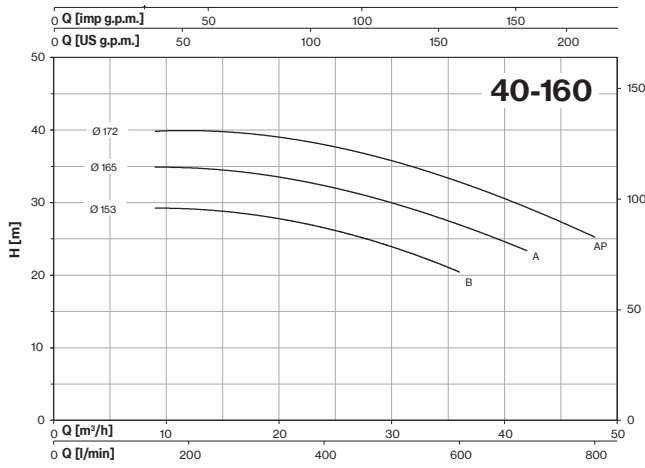
TYPE	P ₂ nom. kW	Motor Size	Q (m ³ /h - l/min)																
			0	78	84	96	108	120	132	138	144	156	168	180	195	210	225	240	255
			0	1300	1400	1600	1800	2000	2200	2300	2400	2600	2800	3000	3250	3500	3750	4000	42
H (m) / pump input power (kW)																			
80-315BN only CA version	90	280M	108,0 <u>21,85</u>	112,4 <u>42,35</u>	112,4 <u>44,06</u>	112,2 <u>47,49</u>	111,7 <u>50,86</u>	111,1 <u>54,13</u>	110,2 <u>57,25</u>	109,7 <u>58,76</u>	109,1 <u>60,24</u>	107,9 <u>63,14</u>	106,4 <u>65,95</u>	104,9 <u>68,72</u>	102,7 <u>72,14</u>	100,4 <u>75,60</u>	98,3 <u>78,97</u>	95,7 <u>82,15</u>	90,8 <u>85,17</u>
80-315AN only CA version	110	315S	140,5 <u>31,92</u>	141,4 <u>55,48</u>	141,1 <u>57,36</u>	140,2 <u>61,13</u>	139,2 <u>64,91</u>	138,1 <u>68,78</u>	136,9 <u>72,88</u>	136,2 <u>74,96</u>	135,5 <u>76,96</u>	134,1 <u>80,84</u>	132,5 <u>84,36</u>	131,0 <u>87,02</u>	128,7 <u>90,23</u>	125,8 <u>94,76</u>	122,5 <u>99,35</u>	121,7 <u>103,04</u>	118,5 <u>106,15</u>

TYPE	P ₂ nom. kW	Motor Size	Q (m ³ /h - l/min)																			
			0	108	120	132	138	144	156	168	180	195	210	225	240	255	270	300	330	360		
			0	1800	2000	2200	2300	2400	2600	2800	3000	3250	3500	3750	4000	4250	4500	5000	5500	6000		
H (m) / pump input power (kW)																						
100-200B	45	225M	56,1 <u>21,75</u>	56,8 <u>28,84</u>	56,5 <u>29,78</u>	56,1 <u>30,74</u>	55,9 <u>31,24</u>	55,6 <u>31,75</u>	55,1 <u>32,81</u>	54,5 <u>33,89</u>	53,9 <u>35,04</u>	53,1 <u>36,50</u>	52,2 <u>37,82</u>	51,4 <u>38,89</u>	49,0 <u>39,85</u>	47,5 <u>40,77</u>	43,8 <u>41,60</u>	39,7 <u>42,92</u>				
100-200A	55	250M	61,1 <u>24,57</u>	62,2 <u>33,04</u>	61,8 <u>34,07</u>	61,5 <u>35,11</u>	61,2 <u>35,64</u>	61,0 <u>36,18</u>	60,5 <u>37,28</u>	59,9 <u>38,39</u>	59,5 <u>39,49</u>	58,9 <u>40,86</u>	58,3 <u>42,23</u>	57,4 <u>43,60</u>	55,2 <u>44,97</u>	53,8 <u>46,20</u>	50,6 <u>47,28</u>	46,8 <u>49,05</u>	42,5 <u>50,53</u>	51,62		
100-250C	55	250M	71,9				73,2	73,1	73,0	72,9	72,6	72,2	71,8	70,3	69,3	67,9	66,4	64,7	61,0			
	75	280S	24,75				40,12	41,93	42,84	43,70	45,28	46,77	48,21	49,94	51,65	53,38	55,05	56,66	58,19	60,99		
100-250B	75	280S	83,6 <u>29,69</u>				83,7	83,5	83,4	83,2	82,9	82,5	82,1	81,4	80,8	80,0	79,0	77,9	76,4	72,0	67,6	
							47,10	49,06	50,04	51,01	52,92	54,76	56,47	58,46	60,26	61,86	63,49	65,17	66,93	70,91	73,78	
100-250A	90	280M	93,5 <u>32,71</u>				93,9	93,7	93,5	93,4	92,9	92,4	91,8	90,9	89,9	88,8	87,4	85,7	84,0	80,4	75,8	73,2
							51,99	54,14	55,23	56,31	58,48	60,60	62,57	64,88	66,97	68,84	70,81	72,81	74,73	78,17	81,33	85,53



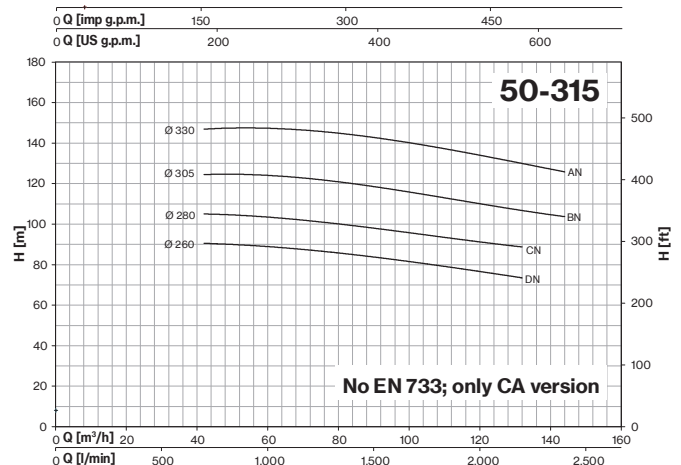
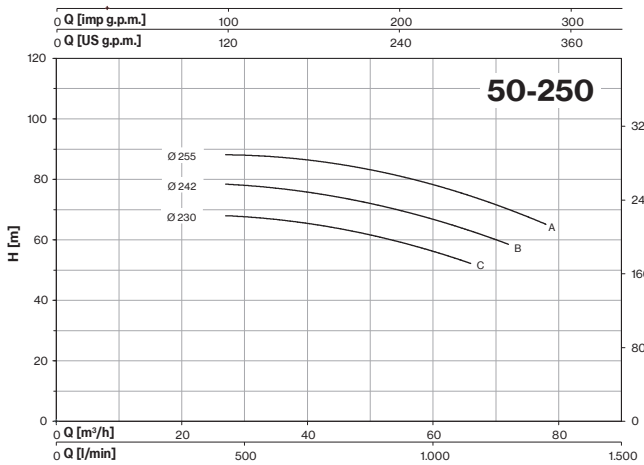
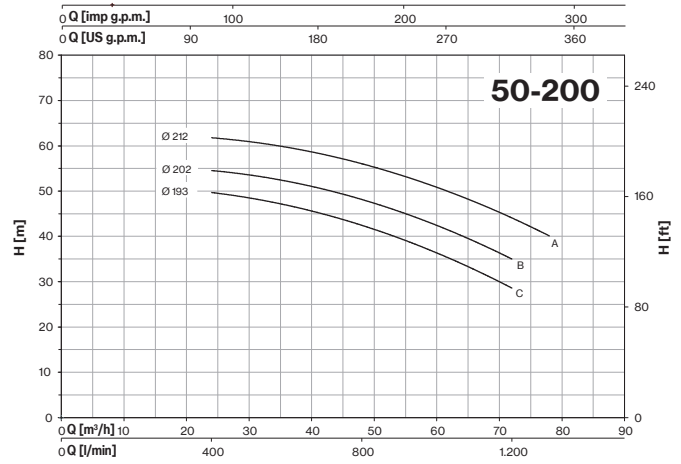
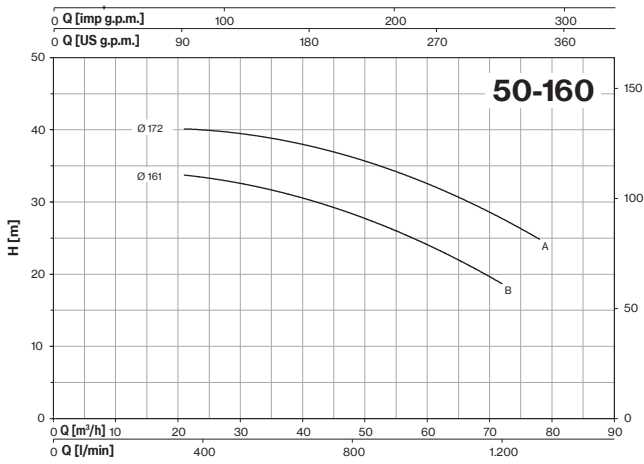


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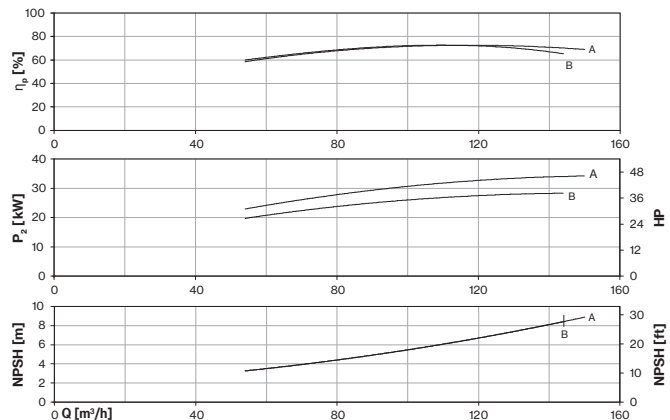
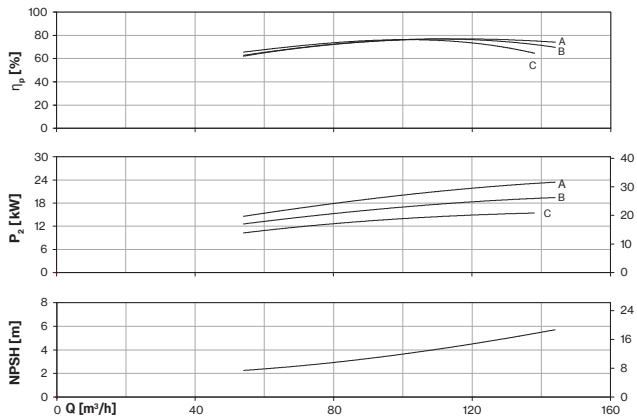
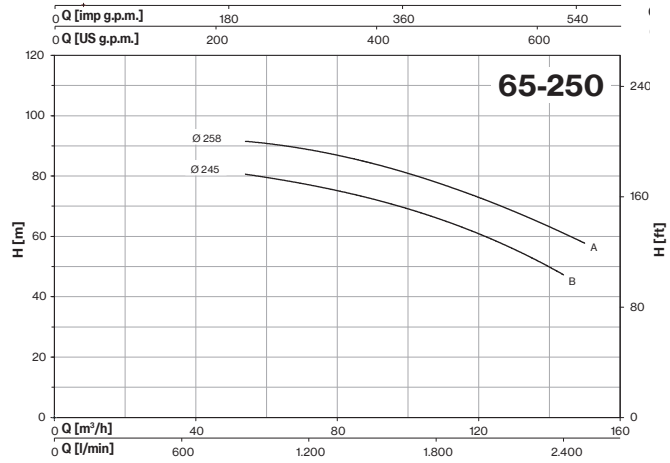
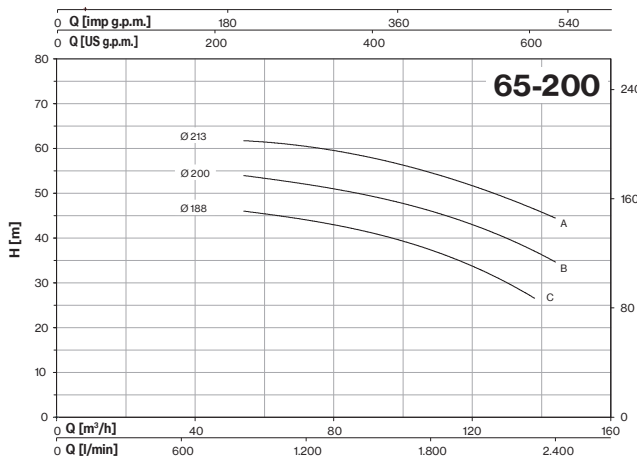
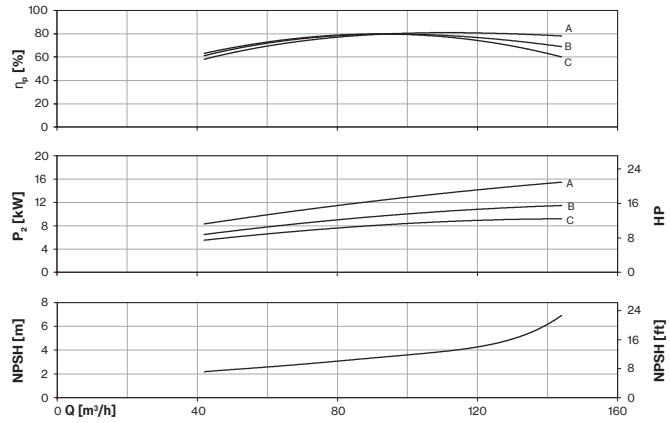
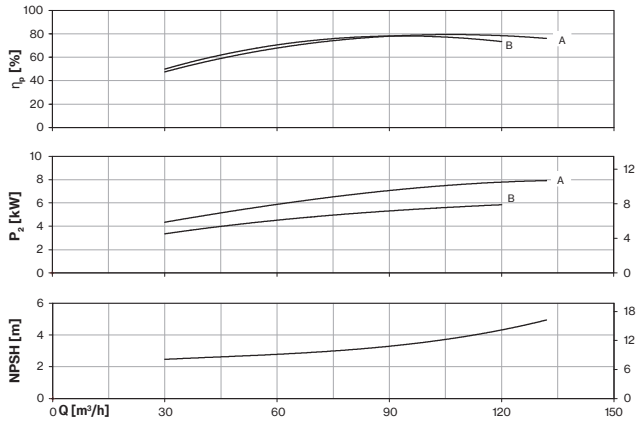
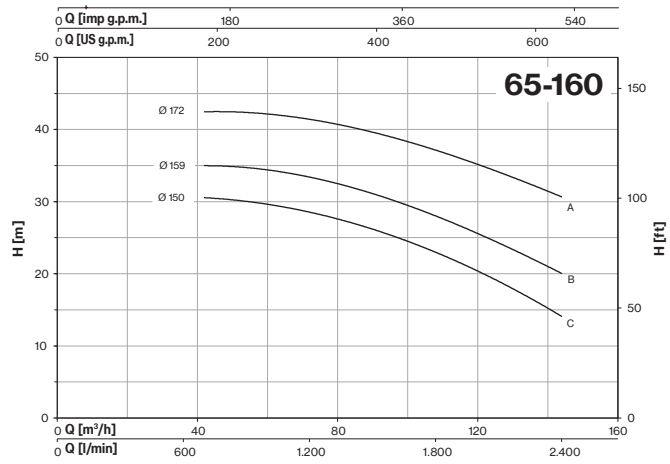
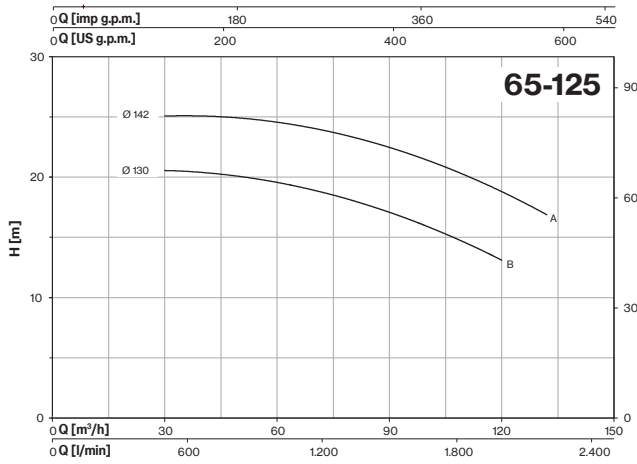


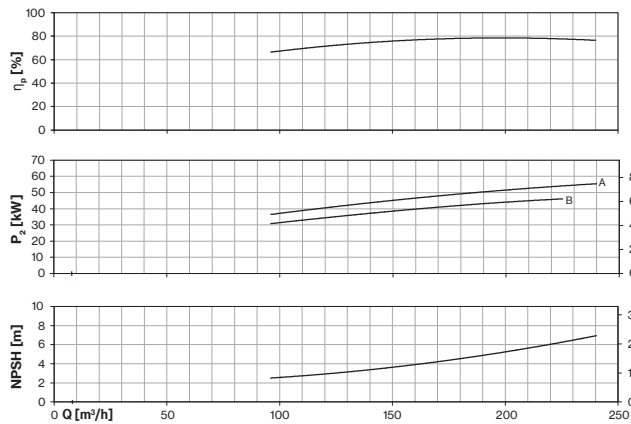
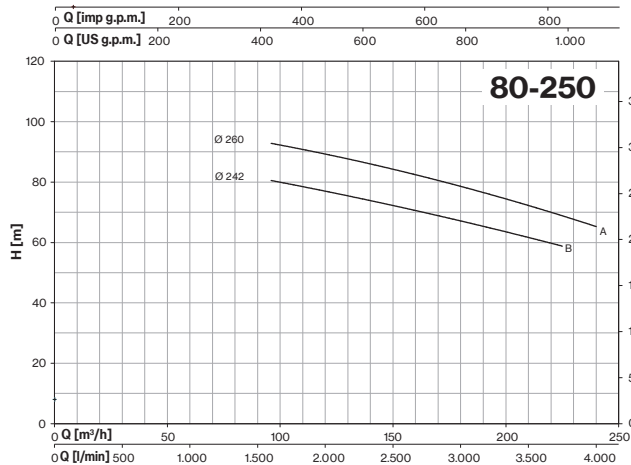
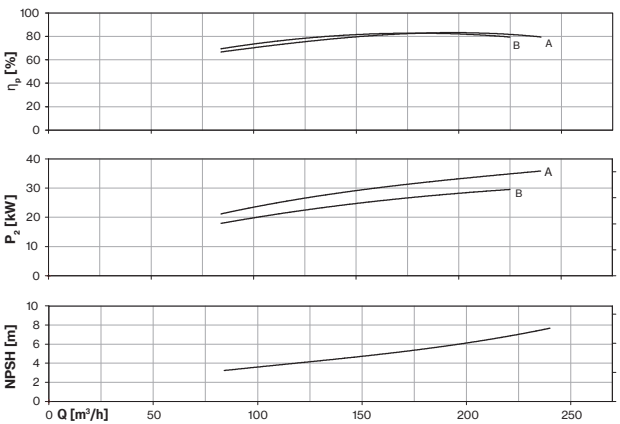
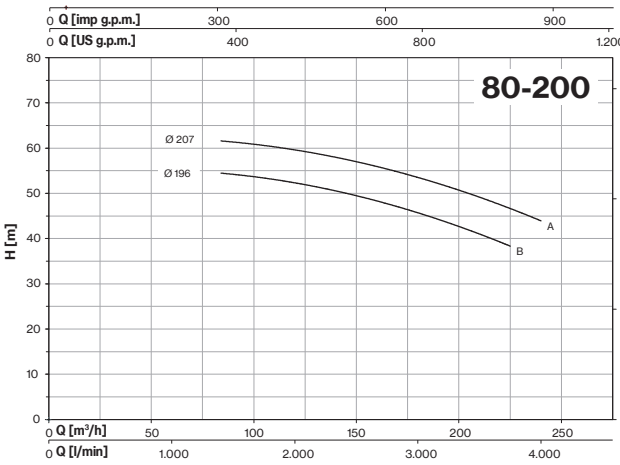
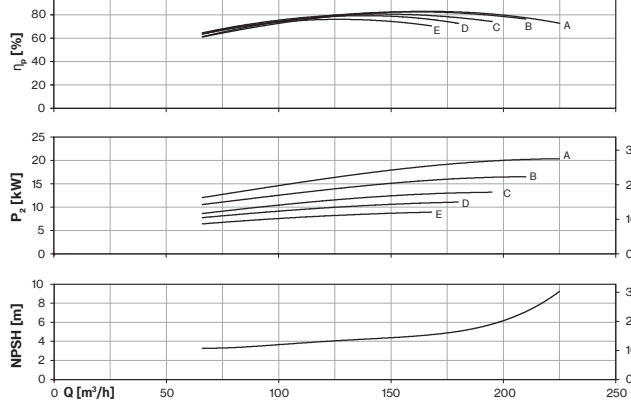
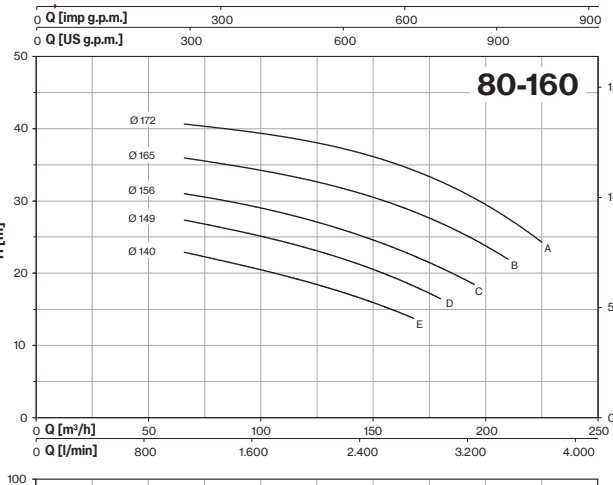
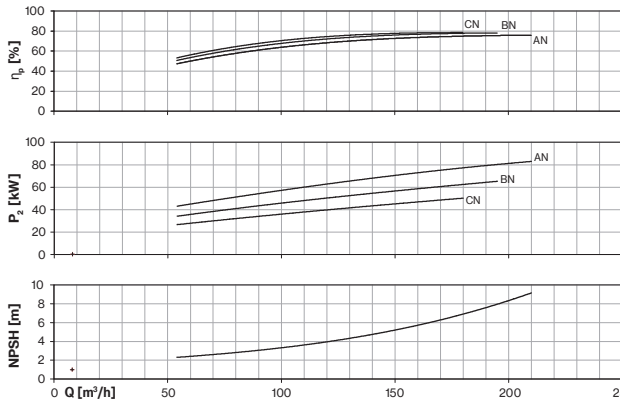
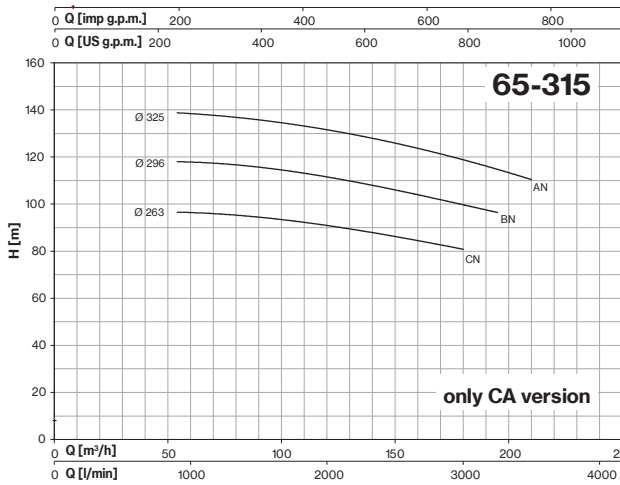
Tolerance: ISO 9906:2012 - Grade 3B



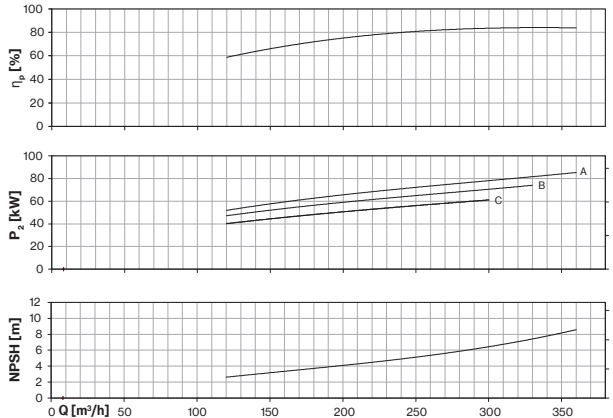
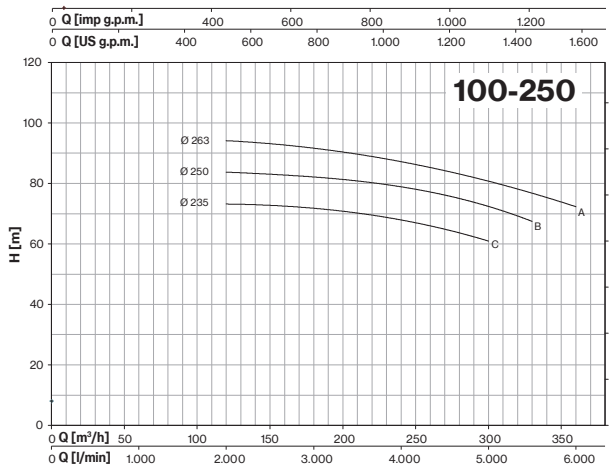
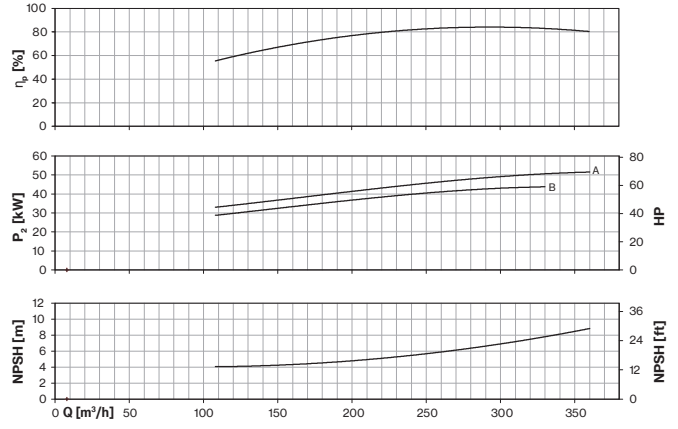
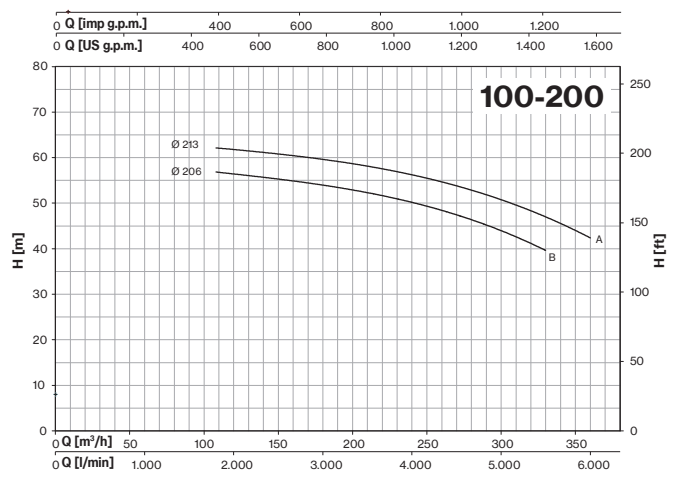
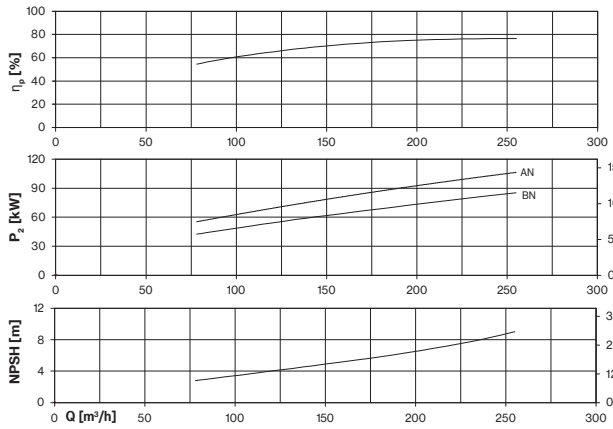
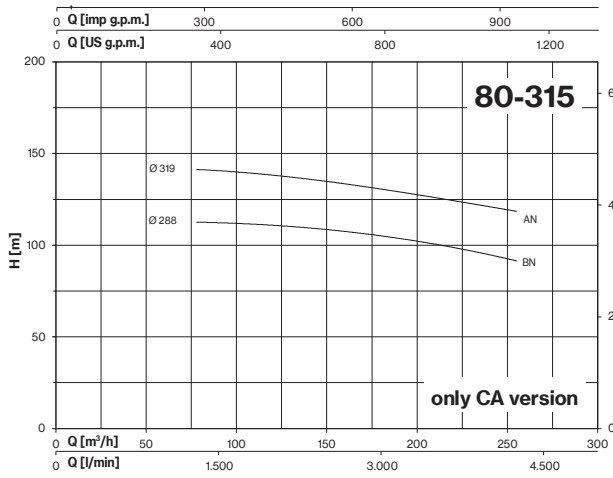


CA/CAT - CAX ~ EN 733

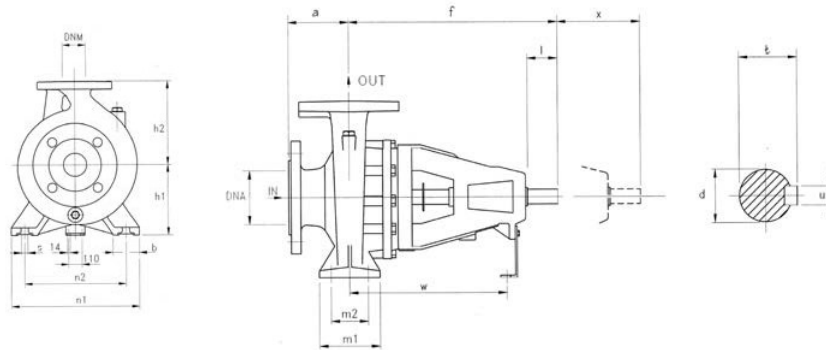




CA/CAT - CAX ~ EN 733

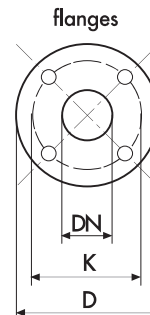


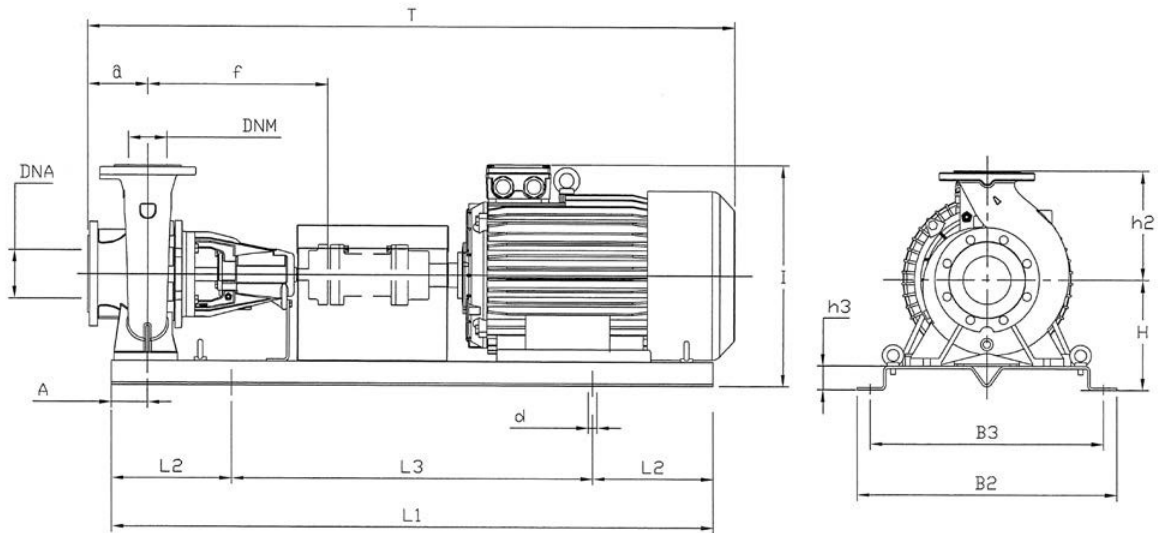
CA/CAT - CAX EN 733 ~ 2900 r.p.m.
4CA/4CAT - 4CAX EN 733 ~ 1450 r.p.m.



TYPE	DIMENSIONS (mm)																		M			Kg
	DNA	DNM	a	f	h1	h2	m1	m2	n1	n2	s	b	l	d	t	u	x	w	l	L	M	
32-160			80	360	132	160	100	70	240	190	14	50	50	24	27	8	100	260	535	320	445	38
32-200	50	32	80	360	160	180	100	70	240	190	14	50	50	24	27	8	100	260	535	320	445	41
32-250			100	360	180	225	125	95	320	250	14	65	65	24	27	8	100	260	545	405	545	49
40-125			80	360	112	140	100	70	210	160	14	50	50	24	27	8	100	260	535	320	445	37
40-160			80	360	132	160	100	70	240	190	14	50	50	24	27	8	100	260	535	320	445	40
40-200			100	360	160	180	100	70	265	212	14	50	50	24	27	8	100	260	535	320	445	44
40-250			100	360	180	225	125	95	320	250	14	65	50	24	27	8	100	260	545	405	545	49,5
50-125			100	360	132	160	100	70	240	190	14	50	50	24	27	8	100	260	535	320	445	39,5
50-160			100	360	160	180	100	70	265	212	14	50	50	24	27	8	100	260	535	320	445	44
50-200			100	360	160	200	100	70	265	212	14	50	50	24	27	8	100	260	535	320	445	47
50-250			100	360	180	225	125	95	320	250	14	65	50	24	27	8	100	260	545	405	545	53
50-315	80		125	470	225	280	125	95	345	280	14	65	80	32	35,3	10	100	340	655	465	620	94,5
65-125			100	360	160	180	125	95	280	212	14	65	65	24	27	8	100	260	535	320	445	44,5
65-160			100	360	160	200	125	95	280	212	14	65	65	24	27	8	100	260	535	320	445	49
65-200			100	360	180	225	125	95	320	250	14	65	65	24	27	8	140	260	545	405	545	54
65-250			100	470	200	250	160	120	360	280	19	80	80	32	35	10	140	340	545	405	545	76,5
65-315			125	470	225	280	160	120	400	315	19	80	80	32	35	10	140	340	655	465	620	96
80-160			125	360	180	225	125	95	320	250	14	65	50	24	27	8	140	260	545	405	545	58
80-200			125	470	180	250	125	95	345	280	14	65	80	32	35	10	140	340	680	405	545	74
80-250			125	470	200	280	160	120	400	315	18	80	80	32	35,3	10	140	340	655	465	585	91
80-315			125	470	250	315	160	120	400	315	18	80	80	32	35,3	10	140	340	655	465	620	106
100-200			125	470	200	280	160	120	360	280	18	80	80	32	35,3	10	140	340	655	465	620	95
100-250			140	470	225	280	160	120	400	315	18	80	80	32	35,3	10	140	340	655	465	620	103
100-315			140	470	250	315	160	120	400	315	18	80	80	32	35,3	10	140	340	655	465	620	122
100-400			140	530	280	355	200	150	500	400	22	100	110	42	45,3	12	140	370	720	775	855	183,5
125-250			160	530	315	450	200	150	400	315	22	100	110	32	45,3	12	140	370	655	465	620	132
125-315	150	125	140	530	280	355	200	150	500	400	22	100	110	42	45,3	12	140	370	720	775	855	176
125-400			140	530	315	400	200	150	500	400	22	100	110	42	45,3	12	140	370	720	775	855	198
150-315			160	530	280	400	200	150	550	450	22	100	110	42	45,3	12	140	370	655	465	620	191
150-400			160	530	315	450	200	150	550	450	22	100	110	42	45,3	12	140	370	720	775	855	218,5
200-315			180	706	355	450	250	190	634	500	28	134	110	55	58,3	16	208	523	800	1200	1150	345
200-400			180	706	355	500	250	190	634	500	28	134	110	55	58,3	16	214	523	800	1200	1150	346
250-315			225	711	400	500	250	200	694	560	28	134	110	55	58,3	16	214	528	800	1200	1070	401,5
250-400			225	706	400	550	250	200	694	560	28	134	110	55	58,3	16	220	523	800	1200	1120	393

DIMENSIONS (mm)				
DN	D	K	holes	
			n°	Ø
32	140	100	4	18
40	150	110	4	18
50	165	125	4	18
65	185	145	4	18
80	200	160	8	18
100	220	180	8	18
125	250	210	8	18
150	285	240	8	23
200	340	295	8	23
250	395	350	12	23
300	445	400	12	23






TYPE	kW	Motor Size	DIMENSIONS (mm)																Kg
			DNA	DNM	a	f	H	h2	h3	L1	L2	L3	B2	B3		d	T	I	
32-160C	1,5	90S	50	32	80	360	182	160	50	800	130	540	360	320	60	18	855	342	82,1
32-160B	2,2	90L	50	32	80	360	182	160	50	900	150	600	390	350	60	18	920	342	87,7
32-160A	3	100L	50	32	80	360	182	160	50	900	150	600	390	350	60	18	920	362	96,7
32-160A	4	112M	50	32	80	360	182	160	50	900	150	600	390	350	60	18	940	375	104,7
32-200C	4	112M	50	32	80	360	210	180	50	900	150	600	390	350	60	18	940	403	108,7
32-200B	5,5	132S	50	32	80	360	210	180	50	1000	170	660	450	400	60	22	1020	433	116,1
32-200A	7,5	132S	50	32	80	360	210	180	50	1000	170	660	450	400	60	22	1020	433	144,3
32-250C	11	160M	50	32	100	360	230	225	50	1250	205	840	540	490	75	22	1275	495	207,3
32-250B	11	160M	50	32	100	360	230	225	50	1250	205	840	540	490	75	22	1275	495	207,3
32-250A	15	160M	50	32	100	360	230	225	50	1250	205	840	540	490	75	22	1275	495	219,3
40-125C	1,5	90S	65	40	80	360	162	140	50	800	130	540	360	320	60	18	855	317	82,2
40-125C	2,2	90L	65	40	80	360	162	140	50	900	150	600	390	350	60	18	920	317	87,8
40-125B	2,2	90L	65	40	80	360	162	140	50	900	150	600	390	350	60	18	920	317	87,8
40-125B	3	100L	65	40	80	360	162	140	50	900	150	600	390	350	60	18	920	342	96,8
40-125A	3	100L	65	40	80	360	162	140	50	900	150	600	390	350	60	18	920	342	96,8
40-160B	3	100L	65	40	80	360	182	160	50	900	150	600	390	350	60	18	920	362	99,8
40-160B	4	112M	65	40	80	360	182	160	50	900	150	600	390	350	60	18	940	375	107,8
40-160A	4	112M	65	40	80	360	182	160	50	900	150	600	390	350	60	18	940	375	107,8
40-160A	5,5	132S	65	40	80	360	182	160	50	1000	170	660	450	400	60	22	1020	405	115,2
40-160AP	5,5	132S	65	40	80	360	182	160	50	1000	170	660	450	400	60	22	1020	405	115,2
40-200B	5,5	132S	65	40	100	360	210	180	50	1000	170	660	450	400	60	22	1040	433	119,2
40-200B	7,5	132S	65	40	100	360	210	180	50	1000	170	660	450	400	60	22	1040	433	147,4
40-200A	7,5	132S	65	40	100	360	210	180	50	1000	170	660	450	400	60	22	1040	433	147,4
40-200A	11	160M	65	40	100	360	210	180	50	1120	190	740	490	440	60	22	1168	475	198,4
40-200 AP	7,5	132S	65	40	100	360	210	180	50	1000	170	660	450	400	60	22	1040	433	147,4
40-200 AP	11	160M	65	40	100	360	210	180	50	1120	190	740	490	440	60	22	1168	475	198,4
40-250C	11	160M	65	40	100	360	230	225	50	1250	205	840	540	490	75	22	1275	495	208,9
40-250B	11	160M	65	40	100	360	230	225	50	1250	205	840	540	490	75	22	1275	495	208,9
40-250B	15	160M	65	40	100	360	230	225	50	1250	205	840	540	490	75	22	1275	495	220,9
40-250A	15	160M	65	40	100	360	230	225	50	1250	205	840	540	490	75	22	1275	495	220,9
40-250A	18,5	160L	65	40	100	360	230	225	50	1250	205	840	540	490	75	22	1275	495	238,9
40-250BM	18,5	160L	65	40	100	360	230	225	50	1250	205	840	540	490	75	22	1275	495	238,9
40-250AM	22	180M	65	40	100	360	230	225	50	1250	205	840	540	490	75	22	1275	510	297,3


CA/CAT - CAX EN 733 ~ 2900 r.p.m.

TYPE	kW	Motor Size	DIMENSIONS (mm)																Kg
			DNA	DNM	a	f	H	h2	h3	L1	L2	L3	B2	B3	A	d	T	I	
50-125B	3	100L	65	50	100	360	182	160	50	900	150	600	390	350	60	18	940	362	99,7
50-125A	4	112M	65	50	100	360	182	160	50	900	150	600	390	350	60	18	960	375	107,7
50-160B	5,5	132S	65	50	100	360	210	180	50	1000	170	660	450	400	60	22	1040	433	119,6
50-160A	7,5	132S	65	50	100	360	210	180	50	1000	170	660	450	400	60	22	1040	433	147,8
50-200C	11	160M	65	50	100	360	210	200	50	1120	190	740	490	440	60	22	1168	475	201,8
50-200B	11	160M	65	50	100	360	210	200	50	1120	190	740	490	440	60	22	1168	475	201,8
50-200A	15	160M	65	50	100	360	210	200	50	1120	190	740	490	440	60	22	1168	475	213,8
50-250C	15	160M	65	50	100	360	230	225	50	1250	205	840	540	490	75	22	1275	495	224,8
50-250B	18,5	160L	65	50	100	360	230	225	50	1250	205	840	540	490	75	22	1275	495	242,8
50-250A	22	180M	65	50	100	360	230	225	50	1250	205	840	540	490	75	22	1275	510	301,2
50-315DN	37	200L	80	50	125	470	275	280	50	1400	230	940	610	550	75	26	1455	585	415,0
50-315CN	45	225M	80	50	125	470	275	280	50	1400	230	940	610	550	75	26	1500	605	465,8
50-315BN	55	250M	80	50	125	470	310	280	85	1600	270	1060	660	600	75	26	1650	710	611,8
50-315AN	75	280S	80	50	125	470	310	280	85	1800	300	1200	730	670	75	26	1850	770	762,6
65-125B	5,5	132S	80	65	100	360	210	180	50	1000	170	660	450	400	60	22	1040	433	121,4
65-125A	7,5	132S	80	65	100	360	210	180	50	1000	170	660	450	400	60	22	1040	433	149,6
65-160C	11	160M	80	65	100	360	210	200	50	1120	190	740	490	440	60	22	1168	475	205,1
65-160B	11	160M	80	65	100	360	210	200	50	1120	190	740	490	440	60	22	1168	475	205,1
65-160A	15	160M	80	65	100	360	210	200	50	1120	190	740	490	440	60	22	1168	475	217,1
65-200C	15	160M	80	65	100	360	230	225	50	1250	205	840	540	490	75	22	1275	495	227,5
65-200B	18,5	160L	80	65	100	360	230	225	50	1250	205	840	540	490	75	22	1275	495	245,5
65-200A	22	180M	80	65	100	360	230	225	50	1250	205	840	540	490	75	22	1290	510	303,3
65-250B	30	200L	80	65	100	470	250	250	50	1400	230	940	610	550	90	26	1470	560	377,8
65-250A	37	200L	80	65	100	470	250	250	50	1400	230	940	610	550	90	26	1470	560	397,8
65-315CN	55	250M	80	65	125	470	310	280	85	1600	270	1060	660	600	90	26	1645	710	614,2
65-315BN	75	280S	80	65	125	470	310	280	85	1800	300	1200	730	670	90	26	1835	770	765,0
65-315AN	90	280M	80	65	125	470	310	280	85	1800	300	1200	730	670	90	26	1835	770	839,2
80-160E	11	160M	100	80	125	360	230	225	50	1250	205	840	540	490	75	22	1300	495	220,8
80-160D	11	160M	100	80	125	360	230	225	50	1250	205	840	540	490	75	22	1300	495	220,8
80-160C	15	160M	100	80	125	360	230	225	50	1250	205	840	540	490	75	22	1300	495	232,8
80-160B	18,5	160L	100	80	125	360	230	225	50	1250	205	840	540	490	75	22	1300	495	250,8
80-160A	22	180M	100	80	125	360	230	225	50	1250	205	840	540	490	75	22	1315	510	308,7
80-200B	30	200L	100	80	125	470	230	250	50	1400	230	940	610	550	75	26	1495	560	376,7
80-200A	37	200L	100	80	125	470	230	250	50	1400	230	940	610	550	75	26	1495	560	396,7
80-250B	45	225M	100	80	125	470	250	280	50	1400	230	940	610	550	90	26	1540	605	464,5
80-250A	55	250M	100	80	125	470	285	280	85	1600	270	1060	660	600	90	26	1645	710	610,5
80-315BN	90	280M	100	80	125	470	335	315	85	1800	300	1200	730	670	90	26	1835	770	850,5
80-315AN	110	315S	100	80	125	470	405	315	120	2000	300	1400	790	750	90	22	2020	925	1233
100-200B	45	225M	125	100	125	470	250	280	50	1400	230	940	610	550	90	26	1540	605	471,5
100-200A	55	250M	125	100	125	470	285	280	85	1600	270	1060	660	600	90	26	1645	710	617,5
100-250C	55	250M	125	100	140	470	310	280	85	1600	270	1060	660	600	90	26	1660	710	625,5
100-250C	75	280S	125	100	140	470	310	280	85	1800	300	1200	730	670	90	26	1850	770	776,3
100-250B	75	280S	125	100	140	470	310	280	85	1800	300	1200	730	670	90	26	1850	770	776,3
100-250A	90	280M	125	100	140	470	310	280	85	1800	300	1200	730	670	90	26	1850	770	850,5



CA-4CA Series-Mechanical seal and bearings

MECHANICAL SEAL	PUMP MODEL	SHAFT Ø		STANDARD MATERIAL	OPTIONAL			
	CA32-160C, CA32-160B, CA32-160A, CA40-125C, CA40-125B, CA40-125A	20mm	<i>Rotating face</i>	Ceramic	Ceramic	-	SiC	SiC
			<i>Stationary face</i>	Graphite	Graphite	-	SiC	SiC
			<i>Elastomer</i>	NBR	EPDM	-	EPDM	FKM
	CA40-250BM, CA40-250AM	28mm	<i>Rotating face</i>	Ceramic	-	-	SiC	SiC
			<i>Stationary face</i>	Graphite	-	-	SiC	SiC
			<i>Elastomer</i>	EPDM	-	-	EPDM	FKM
	CA32-200C, CA32-200B, CA32-200A, CA32-250C, CA32-250B, CA32-250A, CA40-160B, CA40-160A, CA40-200B, CA40-200A, CA40-250C, CA40-250B, CA40-250A, CA50-125B, CA50-125A, CA50-160B, CA50-160A, CA50-200C, CA50-200B, CA50-200A, CA50-250C, CA50-250B, CA50-250A, CA65-125B, CA65-125A, CA65-160C, CA65-160B, CA65-160A, CA65-200C, CA65-200B, CA65-200A, CA80-160E, CA80-160D, CA80-160C, CA80-160B, CA80-160A	28mm	<i>Rotating face</i>	Ceramic	Ceramic	Ceramic	SiC	SiC
			<i>Stationary face</i>	Graphite	Graphite	Graphite	SiC	SiC
			<i>Elastomer</i>	NBR	EPDM	FKM	EPDM	FKM
	4CA50-315C, 4CA50-315B, 4CA50-315A, CA65-250B, CA65-250A, 4CA65-315CM, 4CA65-315BM, 4CA65-315AM, CA80-200B, CA80-200A, 4CA80-315B, 4CA80-315A, 4CA100-315	40mm	<i>Rotating face</i>	CrNi-steel	CrNi-steel	CrNi-steel	SiC	SiC
		<i>Stationary face</i>	Graphite	Graphite	Graphite	SiC	SiC	
		<i>Elastomer</i>	NBR	EPDM	FKM	EPDM	FKM	
CA50-315DN, CA50-315CN, CA50-315BN, CA50-315AN, CA65-315CN, CA65-315BN, CA65-315AN, CA80-315BN, CA80-315AN	40mm	<i>Rotating face</i>	SiC	-	-	-	SiC	
		<i>Stationary face</i>	SiC	-	-	-	SiC	
		<i>Elastomer</i>	EPDM	-	-	-	FKM	
CA80-250B, CA80-250A, CA100-200B, CA100-200A, CA100-250C, CA100-250B, CA100-250A, 4CA100-250E, 4CA125-250B, 4CA125-250A	45mm	<i>Rotating face</i>	CrNi-steel	CrNi-steel	CrNi-steel	SiC	SiC	
		<i>Stationary face</i>	Graphite	Graphite	Graphite	SiC	SiC	
		<i>Elastomer</i>	NBR	EPDM	FKM	EPDM	FKM	
4CA100-400C, 4CA100-400B, 4CA100-400A, 4CA125-315C, 4CA125-315B, 4CA125-315A, 4CA125-400C, 4CA125-400B, 4CA125-400A, 4CA150-315C, 4CA150-315B, 4CA150-315A, 4CA150-400B, 4CA150-400A	55mm	<i>Rotating face</i>	Graphite	-	-	SiC	SiC	
		<i>Stationary face</i>	SiC	-	-	SiC	SiC	
		<i>Elastomer</i>	FKM	-	-	EPDM	FKM	
4CA200-315D, 4CA200-315C, 4CA200-315B, 4CA200-315A, 4CA200-400C, 4CA200-400B, 4CA200-400A, 4CA250-315C, 4CA250-315B, 4CA250-315A, 4CA250-400D, 4CA250-400C, 4CA250-400B, 4CA250-400A	70mm	<i>Rotating face</i>	Graphite	-	-	SiC	SiC	
		<i>Stationary face</i>	SiC	-	-	SiC	SiC	
		<i>Elastomer</i>	FKM	-	-	EPDM	FKM	

PUMP BEARINGS	PUMP MODEL	TYPE	
	CA32-160C, CA32-160B, CA32-160A, CA32-200C, CA32-200B, CA32-200A, CA32-250C, CA32-250B, CA32-250A, CA40-125C, CA40-125B, CA40-125A, CA40-160B, CA40-160A, CA40-200B, CA40-200A, CA40-250C, CA40-250B, CA40-250A, CA40-250BM, CA40-250AM, CA50-125B, CA50-125A, CA50-160B, CA50-160A, CA50-200C, CA50-200B, CA50-200A, CA50-250C, CA50-250B, CA50-250A, CA65-125B, CA65-125A, CA65-160C, CA65-160B, CA65-160A, CA65-200C, CA65-200B, CA65-200A, CA80-160E, CA80-160D, CA80-160C, CA80-160B, CA80-160A	6306-ZZ C3	6306-ZZ C3
	4CA50-315, CA65-250B, CA65-250A, 4CA65-315CM, 4CA65-315BM, 4CA65-315AM, CA80-200B, CA80-200A, 4CA80-315B, 4CA80-315A, 4CA100-315C, 4CA100-315B, 4CA100-315A	3208-ZZ C3	3208-ZZ C3
	CA50-315DN, CA50-315CN, CA50-315BN, CA50-315AN, CA65-315CN, CA65-315BN, CA65-315AN, CA80-250B, CA80-250A, CA80-315BN, CA80-315AN, CA100-200B, CA100-200A, CA100-250C, CA100-250B, CA100-250A, 4CA100-250E, 4CA125-250B, 4CA125-250A	6209-ZZ C3	6309-ZZ C3
	4CA100-400C, 4CA100-400B, 4CA100-400A, 4CA125-315C, 4CA125-315B, 4CA125-315A, 4CA125-400C, 4CA125-400B, 4CA125-400A, 4CA150-315C, 4CA150-315B, 4CA150-315A, 4CA150-400A, 4CA150-400B	6211-ZZ C3	6311-ZZ C3
	4CA200-315D, 4CA200-315C, 4CA200-315B, 4CA200-315A, 4CA200-400C, 4CA200-400B, 4CA200-400A, 4CA250-315C, 4CA250-315B, 4CA250-315A, 4CA250-400D, 4CA250-400C, 4CA250-400B, 4CA250-400A	6313-ZZ C3	6313-ZZ C3

