

Pump Type	kW	Q	m³/h	0	78	156	234	312	387	465	543	621	699
			l/sec	0	21.7	43.3	65.0	86.7	107.5	129.2	150.8	172.5	194.2
			l/min	0	1300	2600	3900	5200	6450	7750	9050	10350	11650

Pump Type	kW	H (m)	P1 (kW)	H (m) — P1 (kW)													
				H	P1	H	P1	H	P1	H	P1	H	P1	H	P1		
PZ1610A/30/1L	30	H	27.5	13.1	25.5	15.4	24.1	18.3	22.9	21.1	21.4	19.2	15.7	25.4	--	--	--
PZ1610A/30/1F	37	H	32.3	17.7	30.2	20.4	28.7	23.6	27.5	26.9	26.2	24.6	22.1	34.2	18.6	--	--
PZ1610A/30/1C	45	H	35.8	21.6	33.7	24.5	32.2	28.0	30.9	31.7	29.7	28.3	26.3	40.7	23.5	19.6	--
PZ1610A/35/1	55	H	38.1	24.4	35.9	27.5	34.4	31.1	33.1	35.0	31.9	30.6	28.8	45.1	26.3	22.9	18.4
PZ1610A/35/2L	55	H	55.0	26.1	51.0	30.9	48.3	36.5	45.9	42.2	42.8	38.5	31.5	50.8	--	--	--
PZ1610A/35/2F	75	H	64.5	35.4	60.4	40.8	57.5	47.2	55.0	53.9	52.5	49.2	44.3	68.3	37.2	--	--
PZ1610A/40/2C	90	H	71.6	43.2	67.4	49.0	64.4	56.0	61.9	63.3	59.5	56.6	52.6	81.4	47.0	39.2	--
PZ1610A/40/2	110	H	76.1	48.8	71.9	55.0	68.7	62.2	66.2	70.1	63.8	61.2	57.6	90.2	52.6	45.9	36.8
PZ1610A/40/3H	90	H	87.6	43.9	81.5	51.3	77.3	60.2	73.7	69.3	69.4	63.6	54.4	85.6	--	--	--
PZ1610A/40/3F	110	H	96.8	53.1	90.6	61.2	86.2	70.8	82.6	80.8	78.7	73.8	66.4	102.5	55.7	--	--
PZ1610A/45/3C	132	H	107.4	64.8	101.1	73.6	96.5	84.0	92.8	105.7	89.2	84.9	78.9	122.0	70.5	58.8	--
PZ1610A/45/3	160	H	114.2	73.2	107.8	82.4	103.1	93.4	99.3	105.1	95.7	91.8	86.4	135.3	79.0	68.8	55.2
PZ1610A/45/4F	160	H	129.0	70.8	120.8	81.5	114.9	94.4	110.1	107.8	104.9	98.4	88.5	136.6	74.3	--	--
PZ1610A/50/4C	200	H	143.3	86.4	134.8	98.1	128.7	111.9	123.8	126.7	118.9	113.2	105.2	162.7	94.0	78.4	--
PZ1610A/50/4	200	H	152.2	97.6	143.7	109.9	137.5	124.5	132.4	140.1	127.6	122.3	115.2	169.0	105.3	91.8	73.6
PZ1610A/50/5E	200	H	168.2	95.9	157.8	109.7	150.3	126.3	144.3	143.7	138.0	130.3	119.0	183.4	102.8	--	--
PZ1612A/60/5C	250	H	179.1	108.0	168.6	122.6	160.9	139.9	154.7	158.4	148.6	141.5	131.6	203.4	117.5	98.0	--
PZ1612A/60/5	250	H	190.3	122.0	179.7	137.4	171.8	155.6	165.5	175.1	159.6	152.9	143.9	225.5	131.6	114.7	92.0
PZ1612A/60/6D	250	H	210.3	124.4	197.7	141.6	188.6	162.0	181.2	183.7	173.9	165.1	152.6	235.6	134.9	110.3	--
PZ1612A/60/6	315	H	228.4	146.4	215.6	164.9	206.2	186.7	198.7	210.2	191.5	183.5	172.7	253.5	157.9	137.6	110.4
PZ1612A/60/7C	315	H	250.7	151.2	236.0	171.6	225.3	195.9	216.6	221.7	208.1	198.2	184.2	267.9	164.5	137.2	--

## — ACCESSORIES FEATURES —

Motor power kW	Motor Size	Axis line	Drive unit	Base	Flange discharge	Foot valve	Strainer	
15	160	LA 10/30	ME250.3/30	PZ 250	DN 250 - PN 25	VF10"	SU10"	
18.5 - 22	180		ME250.4/30					
30	200		ME250.5/30					
37 - 45	225		ME250.6/30					
55	250	LA 10/35	ME250.7/35					
75	280		LA 10/40					ME250.7/40
90								ME250.8/40
110	315	LA 10/45	ME250.8/45					
132 - 160			LA 10/50					ME300.8/50
200		355	LA 12/60					ME300.9/60
250 - 280	PZ 300			DN 300 - PN 25	ME300.10/60			
315								

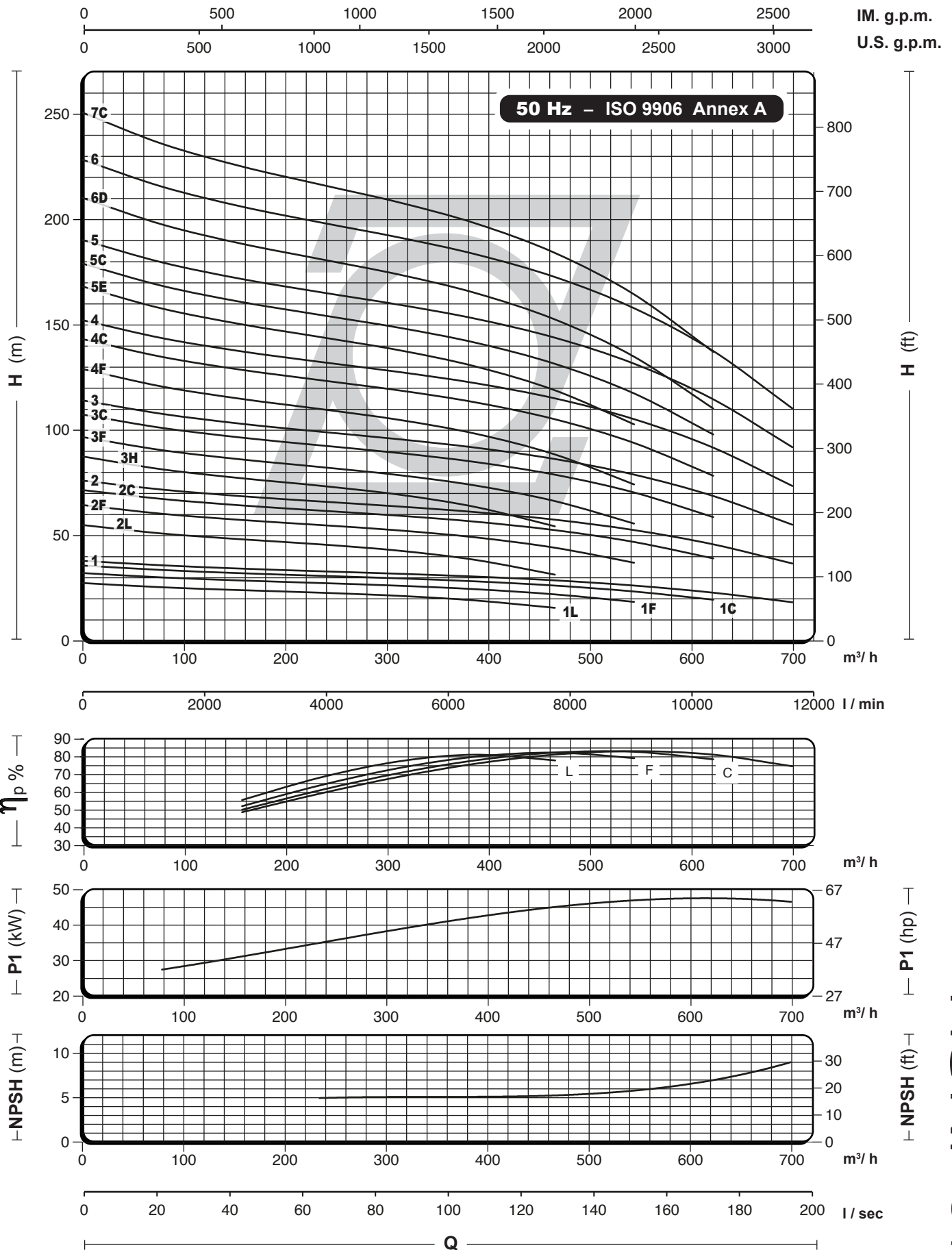


POMPE ZANNI®

PERFORMANCE CURVES

PZ16A - 1480 RPM

50 Hz - VERTICAL AXIS MULTISTAGE CENTRIFUGAL PUMPS



16 INCH

Pump Type	kW	Q	m³/h	0	90	183	273	363	456	546	636	729	819
			l/sec	0	25.0	50.8	75.8	100.8	126.7	151.7	176.7	202.5	227.5
			l/min	0	1500	3050	4550	6050	7600	9100	10600	12150	13650

Pump Type	kW	H (m)	P1 (kW)	H (m) — P1 (kW)																
				H	P1	H	P1	H	P1	H	P1	H	P1	H	P1					
PZ1610B/30/1L	30	H	26.1	14.4	24.5	16.3	23.5	19.4	22.5	22.8	21.0	25.8	18.0	27.9	13.3	28.2	--	--	--	
PZ1610B/30/1F	45	H	30.6	19.6	28.9	21.6	27.8	25.0	26.9	28.8	25.8	32.6	23.8	35.9	20.7	38.0	15.8	38.2	--	--
PZ1610B/35/1C	55	H	34.0	23.9	32.2	26.1	31.1	29.6	30.2	33.7	29.2	38.0	27.6	42.0	25.2	45.1	21.6	46.7	16.0	46.4
PZ1610B/35/1	55	H	36.1	27.0	34.3	29.3	33.1	32.9	32.3	37.2	31.3	41.8	29.9	46.2	27.9	49.8	24.7	52.2	20.0	52.9
PZ1610B/35/2L	75	H	52.3	28.9	48.9	32.7	46.9	38.8	45.0	45.5	41.9	51.6	36.1	55.8	26.6	56.4	--	--	--	--
PZ1610B/40/2F	90	H	61.3	39.1	57.8	43.3	55.6	50.0	53.9	57.6	51.6	65.3	47.6	71.9	41.3	75.9	31.7	76.5	--	--
PZ1610B/40/2C	110	H	68.0	47.7	64.5	52.2	62.1	59.2	60.4	67.5	58.4	76.0	55.3	84.1	50.5	90.1	43.1	93.4	32.1	92.7
PZ1610B/40/2	110	H	72.3	53.9	68.7	58.5	66.3	65.9	64.5	74.5	62.6	83.6	59.9	92.5	55.7	99.6	49.5	104.4	40.0	105.7
PZ1610B/40/3H	110	H	83.1	48.5	78.1	54.4	75.0	63.9	72.2	74.5	68.1	84.5	60.6	92.2	48.3	95.1	--	--	--	--
PZ1610B/45/3F	132	H	91.9	58.7	86.7	64.9	83.4	75.0	80.8	86.4	77.3	97.9	71.4	107.8	62.0	113.9	47.5	114.7	--	--
PZ1610B/45/3C	160	H	102.0	71.6	96.7	78.2	93.2	88.8	90.6	101.2	87.6	114.0	82.9	126.1	75.7	135.2	64.7	140.1	48.1	139.1
PZ1610B/45/3	160	H	108.4	80.9	103.0	87.8	99.4	98.8	96.8	111.7	93.9	125.3	89.8	138.7	83.6	149.4	74.2	156.6	60.0	158.6
PZ1610B/45/4F	160	H	122.5	78.3	115.6	86.6	111.2	100.0	107.7	115.2	103.1	130.5	95.2	143.8	82.6	151.9	63.4	153.0	--	--
PZ1610B/50/4C	200	H	136.0	95.5	128.9	104.3	124.3	118.5	120.8	134.9	116.8	152.0	110.6	168.2	100.9	180.2	86.2	186.8	64.2	185.5
PZ1612B/60/4	250	H	144.5	107.8	137.4	117.0	132.5	121.7	129.0	148.9	125.3	167.1	119.7	184.9	111.4	199.3	98.9	208.8	80.1	211.4
PZ1612B/60/5E	250	H	159.7	105.9	151.0	116.6	145.3	133.7	141.0	153.4	135.6	173.4	126.6	191.5	112.5	203.6	90.9	207.8	--	--
PZ1612B/60/5C	250	H	170.0	119.4	161.2	130.4	155.3	148.1	151.0	168.6	146.0	190.0	138.2	210.2	126.2	225.3	107.8	233.5	80.2	231.9
PZ1612B/60/5	280	H	180.7	134.8	171.7	146.3	165.7	164.6	161.3	186.1	156.6	208.9	149.7	231.2	139.3	249.1	123.6	260.9	100.1	264.3
PZ1612B/60/6D	280	H	199.6	137.4	189.1	150.5	182.2	171.5	176.9	195.8	170.8	220.9	161.0	244.3	145.7	261.2	122.4	269.3	87.4	265.2
PZ1612B/60/6	355	H	216.8	161.8	206.1	175.6	198.8	197.6	193.5	223.4	187.9	250.7	179.6	277.4	167.2	298.9	148.4	313.1	120.1	317.2
PZ1612B/60/7A	315	H	247.7	180.9	235.2	196.8	226.8	222.1	220.7	251.8	214.0	283.0	203.9	313.2	188.6	336.9	165.5	351.7	130.6	354.1

## — ACCESSORIES FEATURES —

Motor power kW	Motor Size	Axis line	Drive unit	Base	Flange discharge	Foot valve	Strainer
15	160	LA 10/30	ME250.3/30	PZ 250	DN 250 - PN 25	VF10"	SU10"
18.5 - 22	180		ME250.4/30				
30	200		ME250.5/30				
37 - 45	225		ME250.6/30				
55	250		ME250.7/35				
75	280	LA 10/35	ME250.7/40				
90			ME250.8/40				
110			ME250.8/45				
132 - 160	315	LA 10/45	ME250.8/50				
200			ME300.9/60				
250 - 280			ME300.10/60				
315	400	LA 12/60		PZ 300	DN 300 - PN 25		

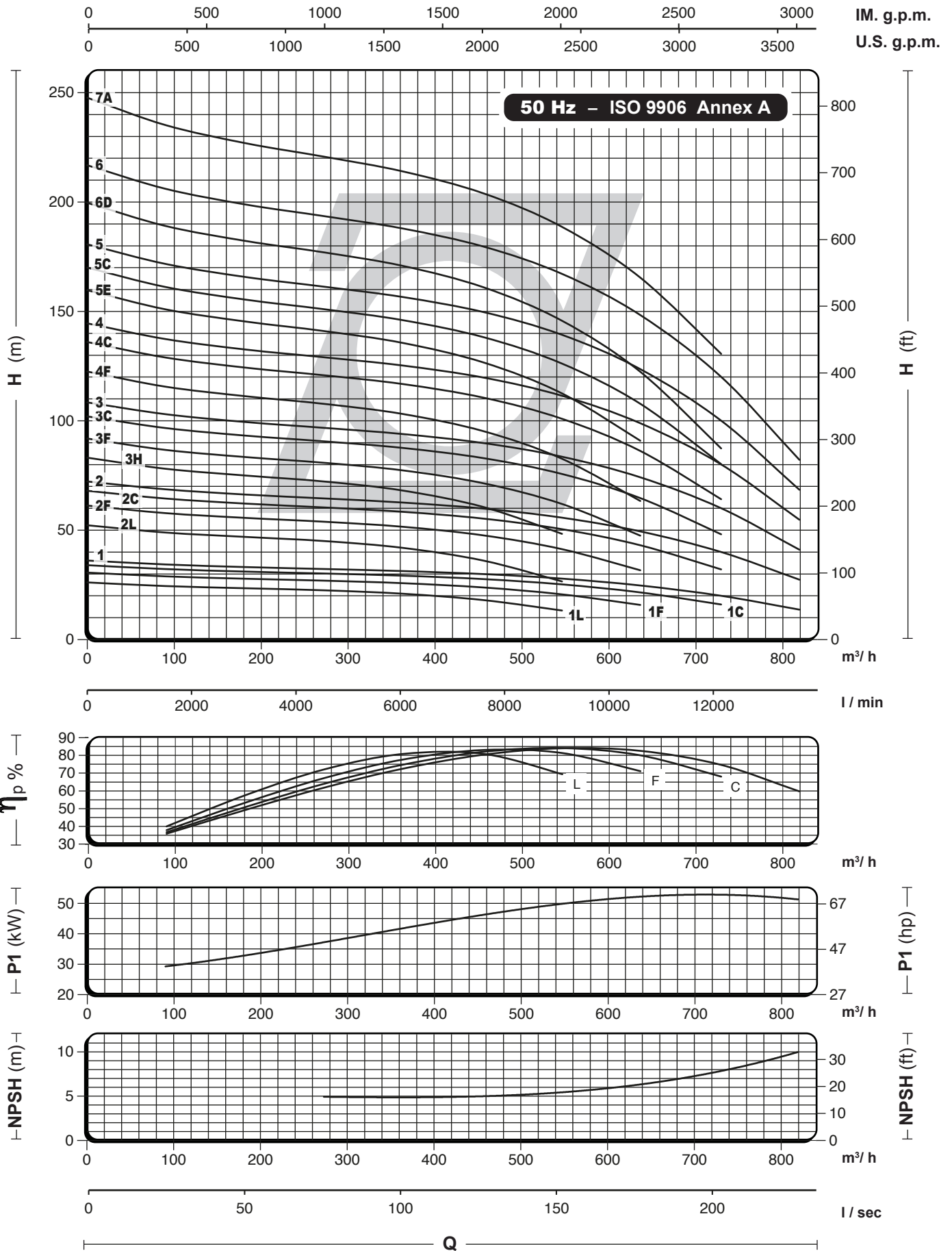


POMPE ZANNI®

PERFORMANCE CURVES

PZ16B - 1480 RPM

50 Hz - VERTICAL AXIS MULTISTAGE CENTRIFUGAL PUMPS



16 INCH



Pump Type	kW	Q	m³/h	0	114	228	339	453	567	681	792	906	1020
			l/sec	0	31.7	63.3	94.2	125.8	157.5	189.2	220.0	251.7	283.3
			l/min	0	1900	3800	5650	7550	9450	11350	13200	15100	17000

Pump Type	kW	H (m)	P1 (kW)	H (m) — P1 (kW)											
				26.3	23.8	22.5	21.5	19.8	16.5	10.5	--	--	--		
PZ1610C/30/1L	37	H	16.6	20.5	24.5	28.1	31.0	33.0	33.6	--	--	--	--	--	--
PZ1610C/35/1F	55	H	22.5	27.0	31.7	35.9	39.8	42.9	44.9	45.5	--	--	--	--	--
PZ1610C/35/1C	75	H	27.4	32.4	37.5	42.3	46.8	50.7	53.5	55.2	55.5	55.5	--	--	--
PZ1610C/35/1	75	H	30.9	36.3	41.7	46.9	51.8	56.0	59.5	61.7	61.7	61.7	16.8	8.7	62.2
PZ1610C/35/2L	75	H	33.2	41.1	49.0	56.1	62.1	66.0	67.2	--	--	--	--	--	--
PZ1610C/40/2F	110	H	44.9	54.1	63.3	71.9	79.7	85.8	89.8	91.1	--	--	--	--	--
PZ1610C/45/2C	132	H	54.8	64.8	75.1	84.7	93.7	101.3	107.1	110.4	111.0	111.0	24.7	--	--
PZ1610C/45/2	132	H	61.9	72.6	83.4	93.7	103.5	112.1	118.9	123.5	125.5	125.5	33.6	17.4	124.3
PZ1610C/45/3H	132	H	55.7	68.2	80.9	92.3	102.2	109.4	112.7	--	--	--	--	--	--
PZ1610C/45/3F	160	H	67.4	81.1	95.0	107.8	119.5	128.8	134.7	136.6	--	--	--	--	--
PZ1610C/50/3C	200	H	82.2	97.3	112.6	127.0	140.5	152.0	160.6	165.6	166.4	166.4	37.0	--	--
PZ1610C/50/3	200	H	92.8	108.8	125.1	140.6	155.3	168.1	178.4	185.2	188.2	188.2	50.5	26.1	186.5
PZ1610C/50/4F	200	H	89.8	108.1	126.7	143.8	159.3	171.7	179.7	182.1	--	--	--	--	--
PZ1612C/60/4C	250	H	109.6	129.7	150.1	169.3	187.3	202.6	214.2	220.8	221.9	221.9	49.4	--	--
PZ1612C/60/4	280	H	123.8	145.1	166.8	187.4	207.0	224.2	237.8	246.9	250.9	250.9	67.3	34.8	248.6
PZ1612C/60/5E	250	H	121.6	145.4	169.4	191.9	212.5	229.4	241.2	246.4	--	--	--	--	--
PZ1612C/60/5C	280	H	137.0	162.1	187.6	211.6	234.2	253.3	267.7	276.0	277.4	277.4	61.7	--	--
PZ1612C/60/5	315	H	154.7	181.4	208.5	234.3	258.8	280.2	297.3	308.6	313.7	313.7	84.1	43.5	310.8
PZ1612C/60/6D	355	H	157.7	187.3	217.3	245.5	271.7	293.8	310.0	318.6	318.7	318.7	63.9	--	--
PZ1612C/60/6	400	H	185.7	217.7	250.2	281.1	310.5	336.2	356.8	370.4	376.4	376.4	100.9	52.2	372.9

16 INCH

— ACCESSORIES FEATURES —

Motor power kW	Motor Size	Axis line	Drive unit	Base	Flange discharge	Foot valve	Strainer
15	160	LA 10/30	ME250.3/30	PZ 250	DN 250 - PN 25	VF10"	SU10"
18.5 - 22	180		ME250.4/30				
30	200		ME250.5/30				
37 - 45	225		ME250.6/30				
55	250		ME250.7/35				
75	280	LA 10/40	ME250.7/40				
90			ME250.8/40				
110			ME250.8/45				
132 - 160	315	LA 10/45	ME250.8/50				
200			ME250.8/50				
250 - 280 - 315	355	LA 12/60	ME300.9/60	PZ 300	DN 300 - PN 25		
355 - 400	400		ME300.10/60				

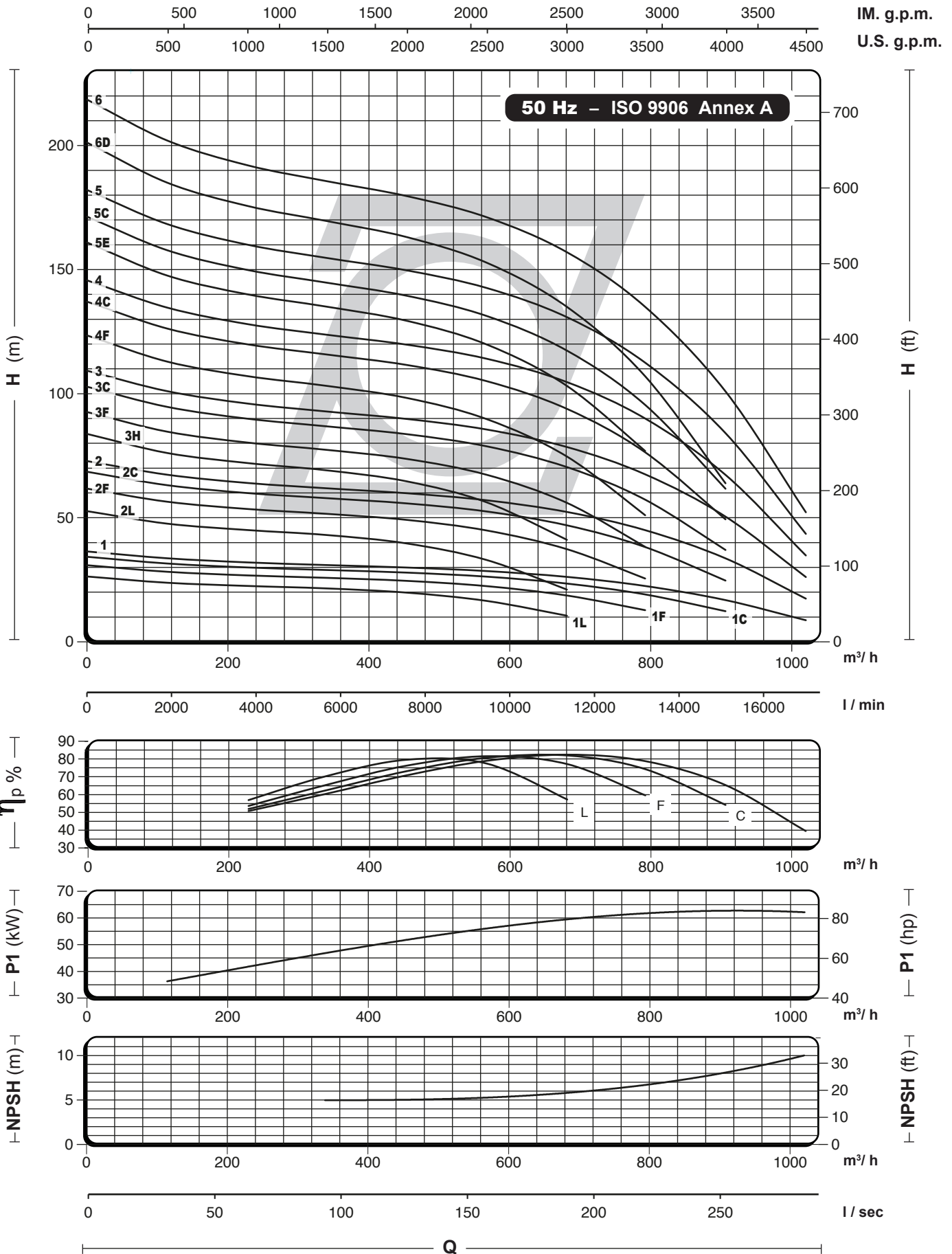


POMPE ZANNI®

PERFORMANCE CURVES

PZ16C - 1480 RPM

50 Hz - VERTICAL AXIS MULTISTAGE CENTRIFUGAL PUMPS



16 INCH





Pump Type	kW	Q	m³/h	0	159	315	474	630	789	945	1104	1260	1419
			l/sec	0	44.2	87.5	131.7	175.0	219.2	262.5	306.7	350.0	394.2
			l/min	0	2650	5250	7900	10500	13150	15750	18400	21000	23650

Pump Type	kW	H (m) — P1 (kW)	H: total manometer head. P1: power absorbed from the pump.														
			H	P1	H	P1	H	P1	H	P1	H	P1	H	P1	H	P1	
PZ1612D/35/1L	45	H	24.1	22.0	20.0	18.0	15.6	12.5	8.6	--	--	--					
		P1	<b>37.1</b>	<b>36.2</b>	<b>36.2</b>	<b>36.6</b>	<b>36.7</b>	<b>36.1</b>	<b>34.3</b>	--	--	--					
PZ1612D/35/1F	55	H	28.3	26.1	24.2	22.2	20.0	17.4	14.2	10.2	--	--					
		P1	<b>50.2</b>	<b>49.1</b>	<b>49.0</b>	<b>49.3</b>	<b>49.7</b>	<b>49.6</b>	<b>48.7</b>	<b>46.5</b>	--	--					
PZ1612D/35/1C	75	H	31.4	29.2	27.3	25.3	23.2	20.8	18.0	14.5	10.3	--					
		P1	<b>61.3</b>	<b>60.0</b>	<b>59.7</b>	<b>60.0</b>	<b>60.4</b>	<b>60.6</b>	<b>60.2</b>	<b>58.8</b>	<b>55.9</b>	--					
PZ1612D/35/1	75	H	33.4	31.2	29.2	27.2	25.2	22.9	20.2	17.0	13.2	8.5					
		P1	<b>69.2</b>	<b>67.8</b>	<b>67.4</b>	<b>67.7</b>	<b>68.1</b>	<b>68.5</b>	<b>68.3</b>	<b>67.2</b>	<b>64.9</b>	<b>60.9</b>					
PZ1612D/35/2L	75	H	48.3	44.0	40.1	35.9	31.2	25.0	17.2	--	--	--					
		P1	<b>74.2</b>	<b>72.5</b>	<b>72.5</b>	<b>73.2</b>	<b>73.4</b>	<b>72.2</b>	<b>68.5</b>	--	--	--					
PZ1612D/40/2F	110	H	56.6	52.2	48.3	44.3	40.0	34.8	28.4	20.4	--	--					
		P1	<b>100.5</b>	<b>98.3</b>	<b>98.0</b>	<b>98.6</b>	<b>99.3</b>	<b>99.2</b>	<b>97.4</b>	<b>92.9</b>	--	--					
PZ1612D/45/2C	132	H	62.8	58.5	54.5	50.6	46.4	41.6	36.0	29.0	20.7	--					
		P1	<b>122.5</b>	<b>120.0</b>	<b>119.4</b>	<b>120.0</b>	<b>120.9</b>	<b>121.3</b>	<b>120.5</b>	<b>117.5</b>	<b>111.8</b>	--					
PZ1612D/45/2	160	H	66.8	62.4	58.4	54.5	50.4	45.8	40.5	34.0	26.4	17.0					
		P1	<b>138.4</b>	<b>135.6</b>	<b>134.9</b>	<b>135.4</b>	<b>136.3</b>	<b>137.0</b>	<b>136.6</b>	<b>134.4</b>	<b>129.8</b>	<b>121.8</b>					
PZ1612D/45/3H	132	H	76.8	70.3	64.5	58.4	51.5	42.8	32.1	--	--	--					
		P1	<b>124.6</b>	<b>121.7</b>	<b>121.6</b>	<b>122.6</b>	<b>123.3</b>	<b>122.2</b>	<b>117.8</b>	--	--	--					
PZ1612D/45/3F	160	H	84.9	78.4	72.5	66.5	60.0	52.1	42.7	30.6	--	--					
		P1	<b>150.7</b>	<b>147.4</b>	<b>147.0</b>	<b>147.9</b>	<b>149.0</b>	<b>148.8</b>	<b>146.1</b>	<b>139.4</b>	--	--					
PZ1612D/50/3C	200	H	94.2	87.7	81.8	75.8	69.6	62.4	54.0	43.5	31.0	--					
		P1	<b>183.8</b>	<b>180.0</b>	<b>179.2</b>	<b>180.0</b>	<b>181.3</b>	<b>181.9</b>	<b>180.7</b>	<b>176.3</b>	<b>167.7</b>	--					
PZ1612D/60/3	250	H	100.2	93.6	87.6	81.7	75.6	68.7	60.7	51.1	39.6	25.5					
		P1	<b>207.6</b>	<b>203.4</b>	<b>202.3</b>	<b>203.0</b>	<b>204.4</b>	<b>205.4</b>	<b>204.9</b>	<b>201.6</b>	<b>194.7</b>	<b>182.6</b>					
PZ1612D/60/4F	250	H	113.2	104.5	96.7	88.7	80.0	69.5	56.9	40.8	--	--					
		P1	<b>200.9</b>	<b>196.6</b>	<b>195.9</b>	<b>197.3</b>	<b>198.7</b>	<b>198.5</b>	<b>194.8</b>	<b>185.9</b>	--	--					
PZ1612D/60/4C	250	H	125.7	116.9	109.0	101.1	92.8	83.2	72.0	58.0	41.3	--					
		P1	<b>245.1</b>	<b>240.0</b>	<b>238.9</b>	<b>240.0</b>	<b>241.8</b>	<b>242.6</b>	<b>240.9</b>	<b>235.1</b>	<b>223.6</b>	--					
PZ1612D/60/4	280	H	133.5	124.8	116.9	109.0	100.8	91.6	81.0	68.1	52.8	34.0					
		P1	<b>276.8</b>	<b>271.3</b>	<b>269.8</b>	<b>270.7</b>	<b>272.6</b>	<b>273.9</b>	<b>273.2</b>	<b>268.8</b>	<b>259.6</b>	<b>243.5</b>					
PZ1612D/60/5E	280	H	147.5	136.6	126.8	116.9	106.3	93.6	78.6	59.6	--	--					
		P1	<b>272.0</b>	<b>266.2</b>	<b>265.1</b>	<b>266.7</b>	<b>268.7</b>	<b>269.0</b>	<b>265.5</b>	<b>255.9</b>	--	--					
PZ1612D/60/5C	315	H	157.1	146.1	136.3	126.4	116.0	104.0	89.9	72.5	51.6	--					
		P1	<b>306.4</b>	<b>300.0</b>	<b>298.6</b>	<b>300.0</b>	<b>302.2</b>	<b>303.2</b>	<b>301.2</b>	<b>293.8</b>	<b>279.5</b>	--					
PZ1612D/60/5	355	H	166.9	155.9	146.1	136.2	126.0	114.5	101.2	85.1	66.0	42.5					
		P1	<b>346.0</b>	<b>339.1</b>	<b>337.2</b>	<b>338.4</b>	<b>340.7</b>	<b>342.4</b>	<b>341.5</b>	<b>336.1</b>	<b>324.5</b>	<b>304.4</b>					
PZ1612D/60/6D	355	H	184.4	171.3	159.5	147.7	135.1	120.4	103.2	81.7	55.8	--					
		P1	<b>352.8</b>	<b>345.4</b>	<b>343.9</b>	<b>345.6</b>	<b>348.2</b>	<b>349.1</b>	<b>346.1</b>	<b>336.4</b>	<b>318.0</b>	--					
PZ1612D/60/6A	400	H	196.1	183.0	171.1	159.3	147.0	133.0	116.7	96.9	73.3	--					
		P1	<b>398.0</b>	<b>390.0</b>	<b>387.9</b>	<b>389.5</b>	<b>392.2</b>	<b>394.0</b>	<b>392.4</b>	<b>385.1</b>	<b>370.2</b>	--					

— ACCESSORIES FEATURES —

Motor power kW	Motor Size	Axis line	Drive unit	Base	Flange discharge	Foot valve	Strainer
37 - 45	225	LA 12/35	ME300.6/35	PZ 300	DN 300 - PN 25	—	SU11"
55	250		ME300.7/35				
75	280	LA 12/40	ME300.7/40				
90			ME300.8/40				
110			ME300.8/50				
132 - 160	315	LA 12/45	ME300.8/45				
200		LA 12/50	ME300.8/50				
250 - 280 - 315	355	LA 12/60	ME300.9/60				
355 - 400			ME300.10/60				
450	400	LA 12/70	ME300.10/70				

16 INCH



POMPE ZANNI®

PERFORMANCE CURVES

PZ16D - 1480 RPM

50 Hz - VERTICAL AXIS MULTISTAGE CENTRIFUGAL PUMPS

