



CASTED INOX SERIES

6"8" DEEPWELL SUBMERSIBLE PUMPS



ADAPTABILITY.

RIGHT OPTION.

OPPORTUNITY.

WORD OF TRUST

admin@aro-w.com

CASTED SS & CI SUBMERSIBLE PUMPS

Technical Specification

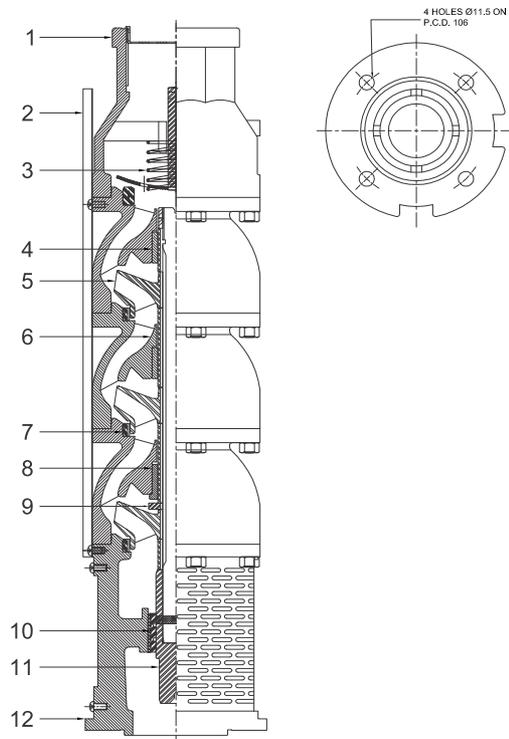
SERIES		6" MAXI BLUE / COSTA	6" MAXI DEEP / COSTA DEEP
Model		6PMC / 6PCS	6PMC-H / 6PCS-H
Power Range	kW	3 to 22 kW	2.2 to 22 kW
	HP	4 to 30 HP	3.0 to 30 HP
Nominal Outlet size	Inch	2.5" & 3"	3"
	mm	65 & 80	80
Speed	rpm	2880	2880
Discharge range	m ³ /h	9.6 to 90	6.6 to 70
	lpm	160 to 1500	110 to 1166
	lps	2.67 to 25	1.83 to 19.44
Head range	m	14 to 230	15 to 276
	ft	46 to 754	49 to 905
Max. Outer Diameter	mm	147	148

Materials of Constructions

Models	6PMC	6PCL	6PCS	6PCT
Suction Housing	Cast iron	Casted SS 410	Casted SS 304	Casted SS 316
Discharge Housing	Cast iron	Casted SS 410	Casted SS 304	Casted SS 316
Impeller	SS 410	Casted SS 410	Casted SS 304	Casted SS 316
Diffuser Chamber	Cast iron	Casted SS 410	Casted SS 304	Casted SS 316
Pump Shaft	SS 420	SS 410	SS 304	SS 316
Check Valve Disc	SS 202	SS 410	SS 304	SS 316
Bush Diffuser chamber	NBR / VITON	NBR / VITON	NBR / VITON	NBR / VITON
Wear ring	NBR / VITON + SS			
Upthrust Washer	SS 410	SS 410	SS 304	SS 316
Counter Bush	LTB-4	LTB-4	LTB-4	LTB-4
Sleeve	SS 410	SS 410	SS 304	SS 316
Cable Guard	SS 410	SS 410	SS 304	SS 316

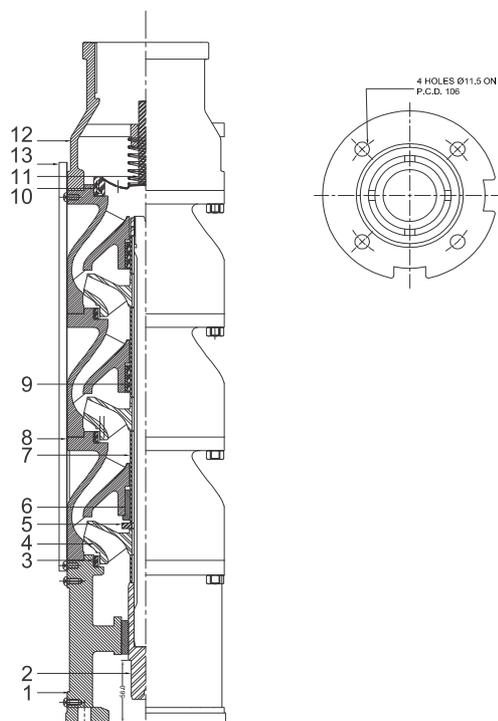
COSTA & MAXI BLUE SERIES

Cross Sectional View: 6" Maxi Blue & Costa Series



Sr. No.	PART NAME
1	DISCHARGE HOUSING
2	CABLE GUARD
3	VALVE ASSY.
4	BEARING BUSH
5	IMPELLER
6	DIFFUSER
7	WEAR RING
8	COUNTER BUSH
9	THRUST WASHER
10	RUBBER BUSH
11	PUMP SHAFT
12	SUCTION HOUSING

Cross Sectional View: 6" Maxi Deep & Costa Deep Series



Sr. No.	PART NAME
1	SUCTION HOUSING
2	PUMP SHAFT
3	WEAR RING
4	IMPELLER
5	THRUST WASHER
6	COUNTER BUSH
7	SLEEVE
8	DIFFUSER
9	RUBBER BUSH
10	NRV RING
11	VALVE ASSY. DIA 83
12	DISCHARGE HOUSING
13	CABLE GUARD

CASTED SS & CI SUBMERSIBLE PUMPS

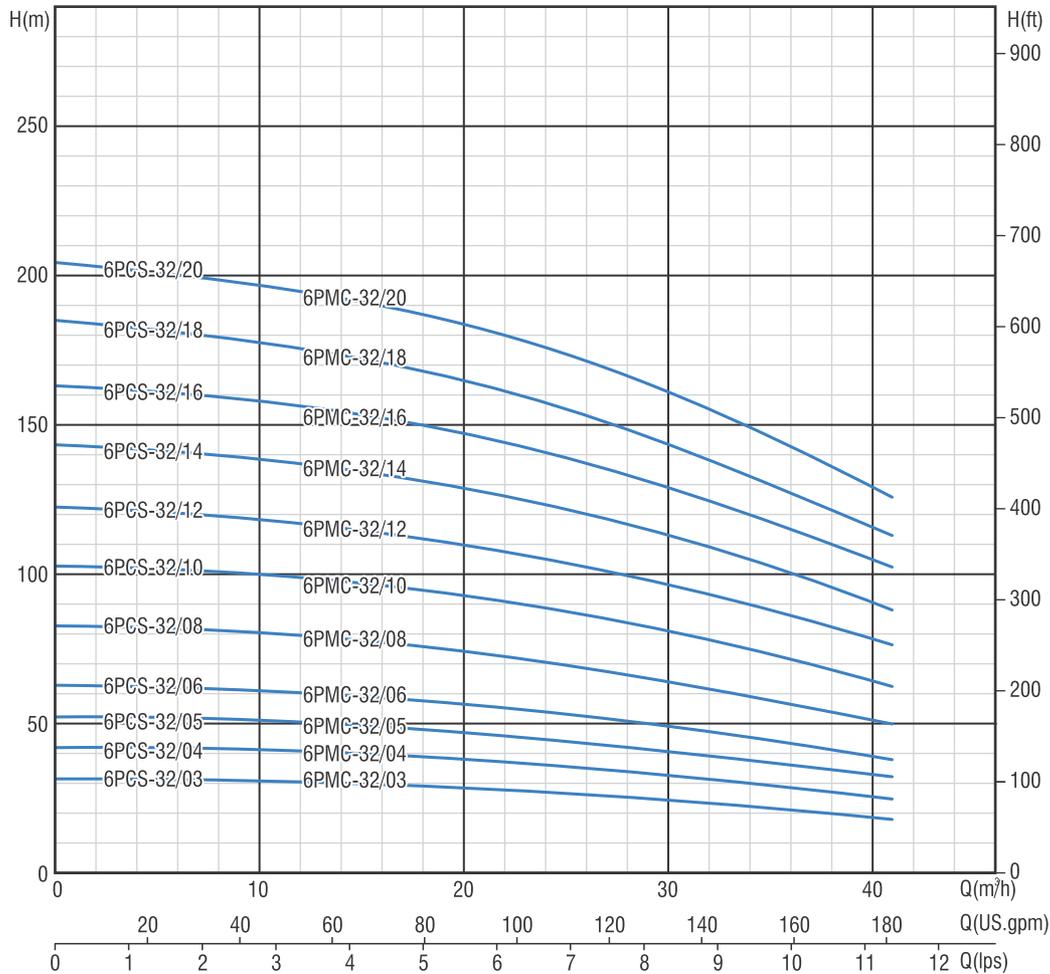
6PCS-32
6PMC-32

Nominal Flow: 32 m³/h

Outlet Size: 2½"

Performance Curve

2900 rpm



Model Costa Series	Model Maxi Blue Series	Motor Power		Q(m ³ /h) Q(lps)	0	19.8	26.4	28.8	31.2	34.8	37.2	40.8
		kW	HP		0	5.5	7.33	8.00	8.67	9.67	10.33	11.33
6PCS-32/03	6PMC-32/03	3	4	Head(m)	31	28	26	25	23	22	21	19
6PCS-32/04	6PMC-32/04	3.7	5		41	37	34	33	31	29	28	25
6PCS-32/05	6PMC-32/05	4.5	6		51	46	43	41	39	37	35	32
6PCS-32/06	6PMC-32/06	5.5	7.5		61	55	52	49	47	44	42	38
6PCS-32/08	6PMC-32/08	7.5	10		82	74	69	66	62	58	56	50
6PCS-32/10	6PMC-32/10	9.3	12.5		102	92	86	82	78	73	70	63
6PCS-32/12	6PMC-32/12	11	15		122	110	103	98	94	88	84	76
6PCS-32/14	6PMC-32/14	13	17.5		143	129	120	115	109	102	98	88
6PCS-32/16	6PMC-32/16	15	20		163	147	138	131	125	117	112	101
6PCS-32/18	6PMC-32/18	16.7	22.5		184	166	155	148	140	131	126	113
6PCS-32/20	6PMC-32/20	18.5	25		204	184	172	164	156	146	140	126

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

COSTA & MAXI BLUE SERIES

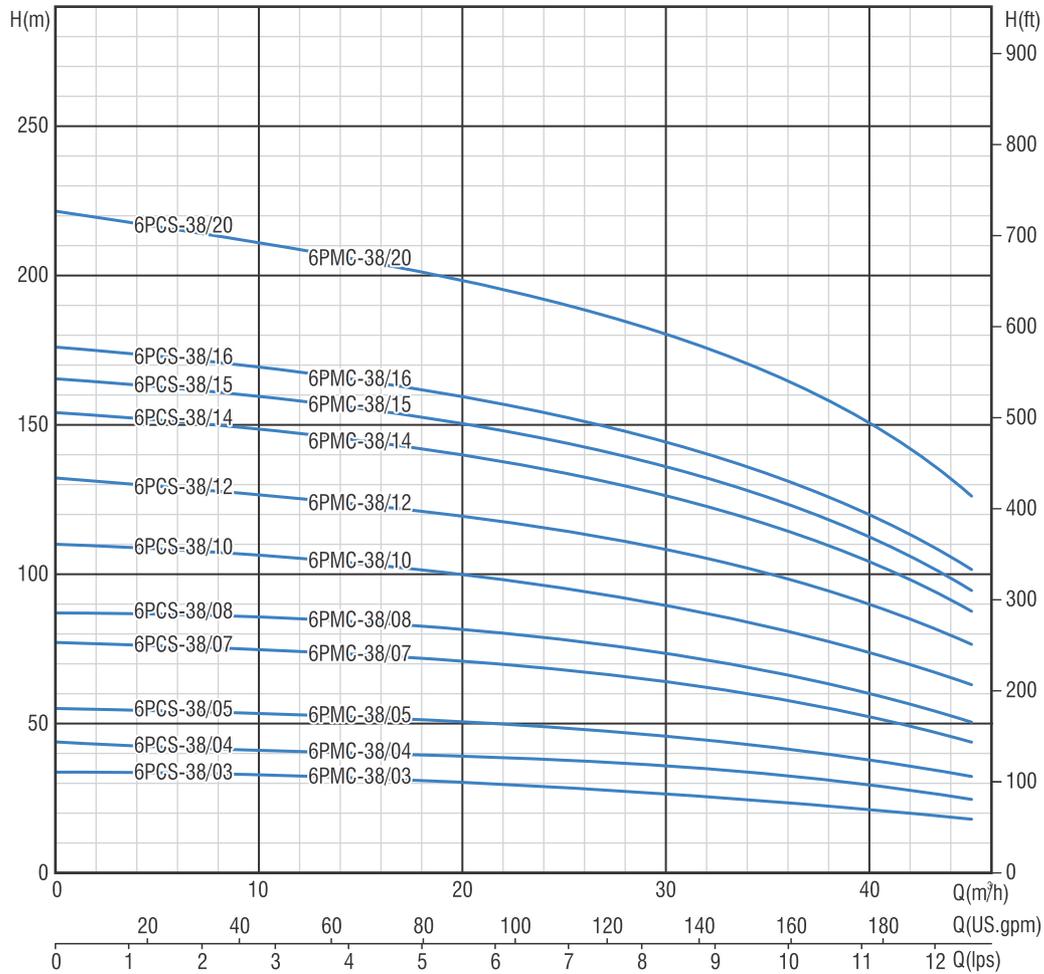
Nominal Flow: 38 m³/h

Outlet Size: 3"

Performance Curve

2900 rpm

6PCS-38
6PMC-32



Model Costa Series	Model Maxi Blue Series	Motor Power		Q(m ³ /h) Q(lps)	0	24.6	31.8	36.0	38.4	40.2	42.6	45.0
		kW	HP		0	6.80	8.80	10.00	10.70	11.20	11.80	12.50
6PCS-38/03	6PMC-38/03	3.7	5	Head(m)	33	29	27	25	23	22	20	19
6PCS-38/04	6PMC-38/04	4.5	6		44	38	36	33	31	30	27	25
6PCS-38/05	6PMC-38/05	5.5	7.5		55	48	45	41	39	37	34	32
6PCS-38/07	6PMC-38/07	7.5	10		77	67	62	57	55	52	48	44
6PCS-38/08	6PMC-38/08	9.3	12.5		88	76	71	66	62	59	54	50
6PCS-38/10	6PMC-38/10	11	15		110	95	89	82	78	74	68	63
6PCS-38/12	6PMC-38/12	13	17.5		132	114	107	98	94	89	82	76
6PCS-38/14	6PMC-38/14	15	20		154	133	125	115	109	104	95	88
6PCS-38/15	6PMC-38/15	16.7	22.5		165	143	134	123	117	111	102	95
6PCS-38/16	6PMC-38/16	18.5	25		176	152	142	131	125	118	109	101
6PCS-38/20	6PMC-38/20	22	30		220	190	178	164	156	148	136	126

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

CASTED SS & CI SUBMERSIBLE PUMPS

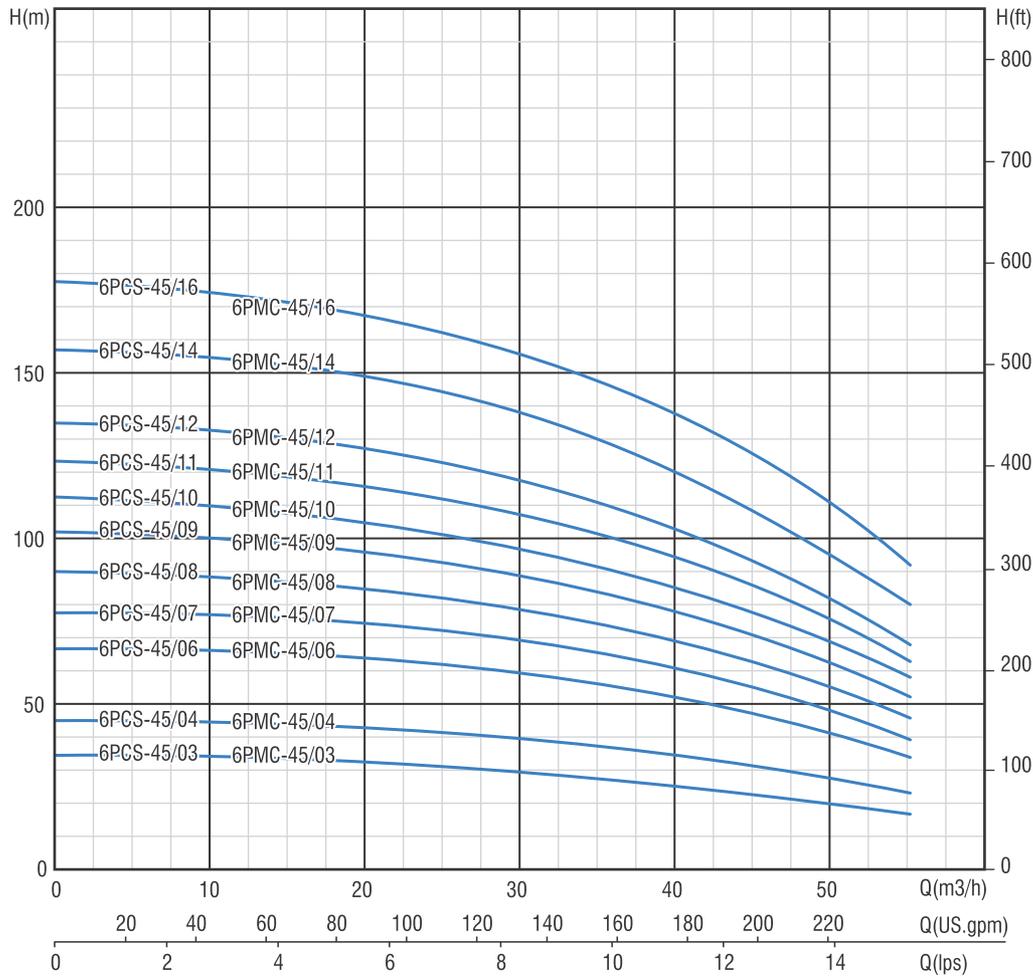
6PCS-45 6PMC-45

Nominal Flow: 45 m³/h

Outlet Size: 3"

Performance Curve

2900 rpm



Model Costa Series	Model Maxi Blue Series	Motor Power		Q(m ³ /h) Q(lps)	0	22.8	33.6	42.0	45.0	48.6	51.9	55.2
		kW	HP		0	6.30	9.30	11.70	12.50	13.50	14.40	15.30
6PCS-45/03	6PMC-45/03	3.7	5	Head(m)	34	31	28	25	23	21	19	17
6PCS-45/04	6PMC-45/04	5.5	7.5		45	42	38	34	31	28	25	23
6PCS-45/06	6PMC-45/06	7.5	10		67	62	56	50	47	42	38	34
6PCS-45/07	6PMC-45/07	9.3	12.5		78	73	66	59	55	49	44	40
6PCS-45/08	6PMC-45/08	11	15		90	83	75	67	62	56	51	45
6PCS-45/09	6PMC-45/09	11	15		101	94	85	76	70	63	57	51
6PCS-45/10	6PMC-45/10	13	17.5		112	104	94	84	78	70	63	57
6PCS-45/11	6PMC-45/11	15	20		123	114	103	92	86	77	69	63
6PCS-45/12	6PMC-45/12	15	20		134	125	113	101	94	84	76	68
6PCS-45/14	6PMC-45/14	18.5	25		157	146	132	118	109	98	88	80
6PCS-45/16	6PMC-45/16	22	30		179	166	150	134	125	112	101	91

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

COSTA & MAXI BLUE SERIES

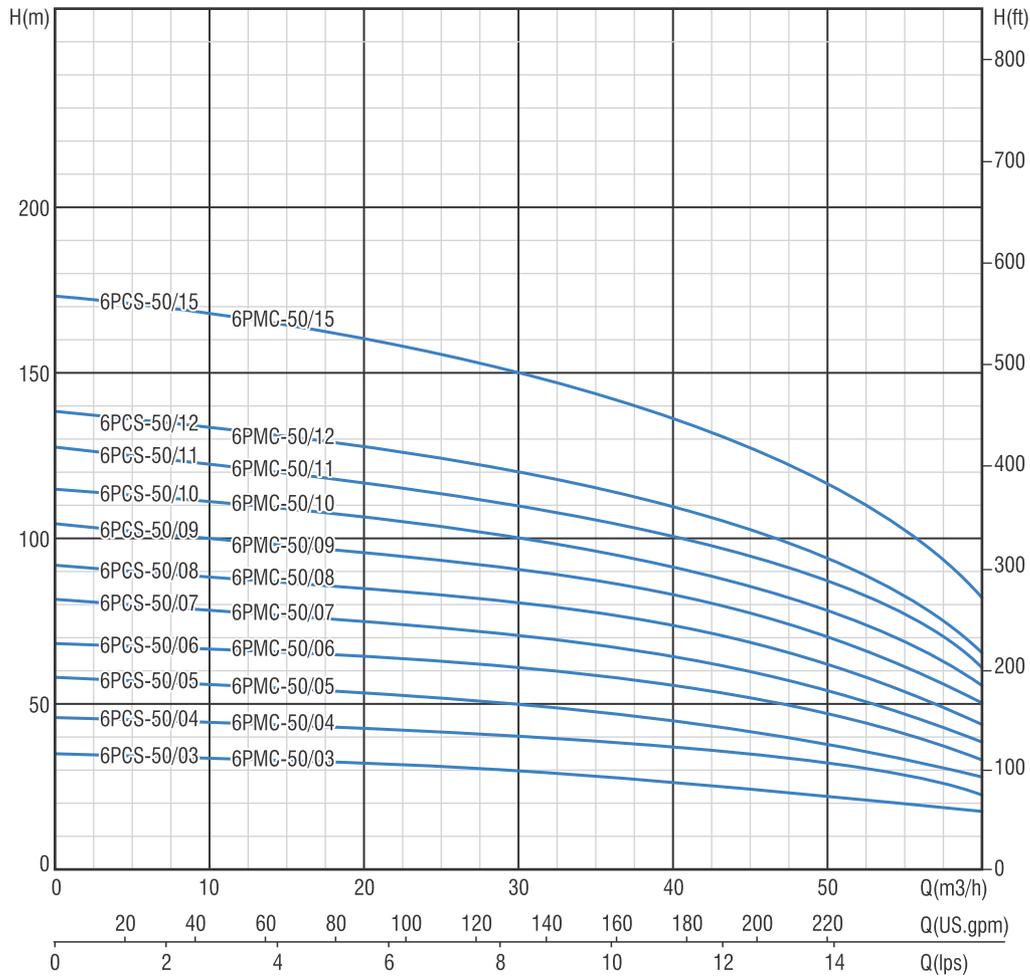
Nominal Flow: 50 m³/h

Outlet Size: 3"

Performance Curve

2900 rpm

6PCS-50
6PMC-50



Model Costa Series	Model Maxi Blue Series	Motor Power		Q(m ³ /h) Q(lps)	0	17.4	27.6	37.2	50.4	54.3	56.4	60
		kW	HP		0	4.83	7.67	10.33	14	15.10	15.67	16.67
6PCS-50/03	6PMC-50/03	4.5	6	Head(m)	35	32	31	28	23	21	20	17
6PCS-50/04	6PMC-50/04	5.5	7.5		46	43	41	37	31	28	27	22
6PCS-50/05	6PMC-50/05	7.5	10		58	54	51	46	39	36	34	28
6PCS-50/06	6PMC-50/06	9.3	12.5		69	65	61	55	47	43	40	33
6PCS-50/07	6PMC-50/07	11	15		81	76	71	64	55	50	47	39
6PCS-50/08	6PMC-50/08	11	15		92	86	82	74	62	57	54	44
6PCS-50/09	6PMC-50/09	13	17.5		104	97	92	83	70	64	60	50
6PCS-50/10	6PMC-50/10	15	20		115	108	102	92	78	71	67	55
6PCS-50/11	6PMC-50/11	16.7	22.5		127	119	112	101	86	78	74	61
6PCS-50/12	6PMC-50/12	18.5	25		138	130	122	110	94	85	80	66
6PCS-50/15	6PMC-50/15	22	30		173	162	153	138	117	107	101	83

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

CASTED SS & CI SUBMERSIBLE PUMPS

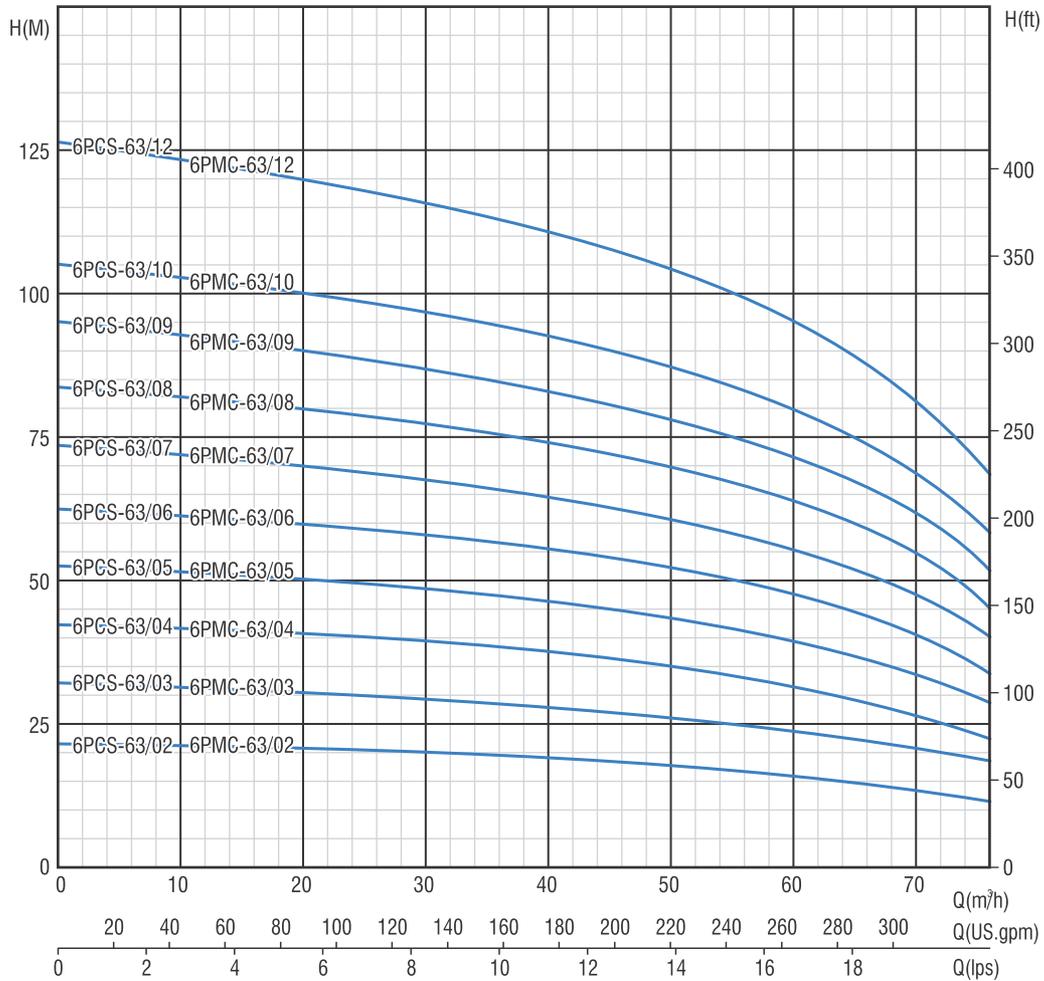
6PCS-63 6PMC-63

Nominal Flow: 63 m³/h

Outlet Size: 3"

Performance Curve

2900 rpm



Model Costa Series	Model Maxi Blue Series	Motor Power		Q(m ³ /h) Q(lps)	0	40.8	49.2	54.0	63.0	67.2	72.0	76.8
		kW	HP		0	11.33	13.67	15.00	17.50	18.67	20.00	21.30
6PCS-63/02	6PMC-63/02	3.7	5	Head(m)	21	19	18	17	15	14	13	11
6PCS-63/03	6PMC-63/03	5.5	7.5		32	28	26	25	23	22	19	17
6PCS-63/04	6PMC-63/04	7.5	10		42	37	35	34	30	29	26	22
6PCS-63/05	6PMC-63/05	9.3	12.5		53	46	44	42	38	36	32	28
6PCS-63/06	6PMC-63/06	11	15		63	55	53	50	46	43	38	33
6PCS-63/07	6PMC-63/07	13	17.5		74	64	62	59	53	50	45	39
6PCS-63/08	6PMC-63/08	15	20		84	74	70	67	61	58	51	44
6PCS-63/09	6PMC-63/09	16.7	22.5		95	83	79	76	68	65	58	50
6PCS-63/10	6PMC-63/10	18.5	25		105	92	88	84	76	72	64	55
6PCS-63/12	6PMC-63/12	22	30		126	110	106	101	91	86	77	66

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

COSTA & MAXI BLUE SERIES

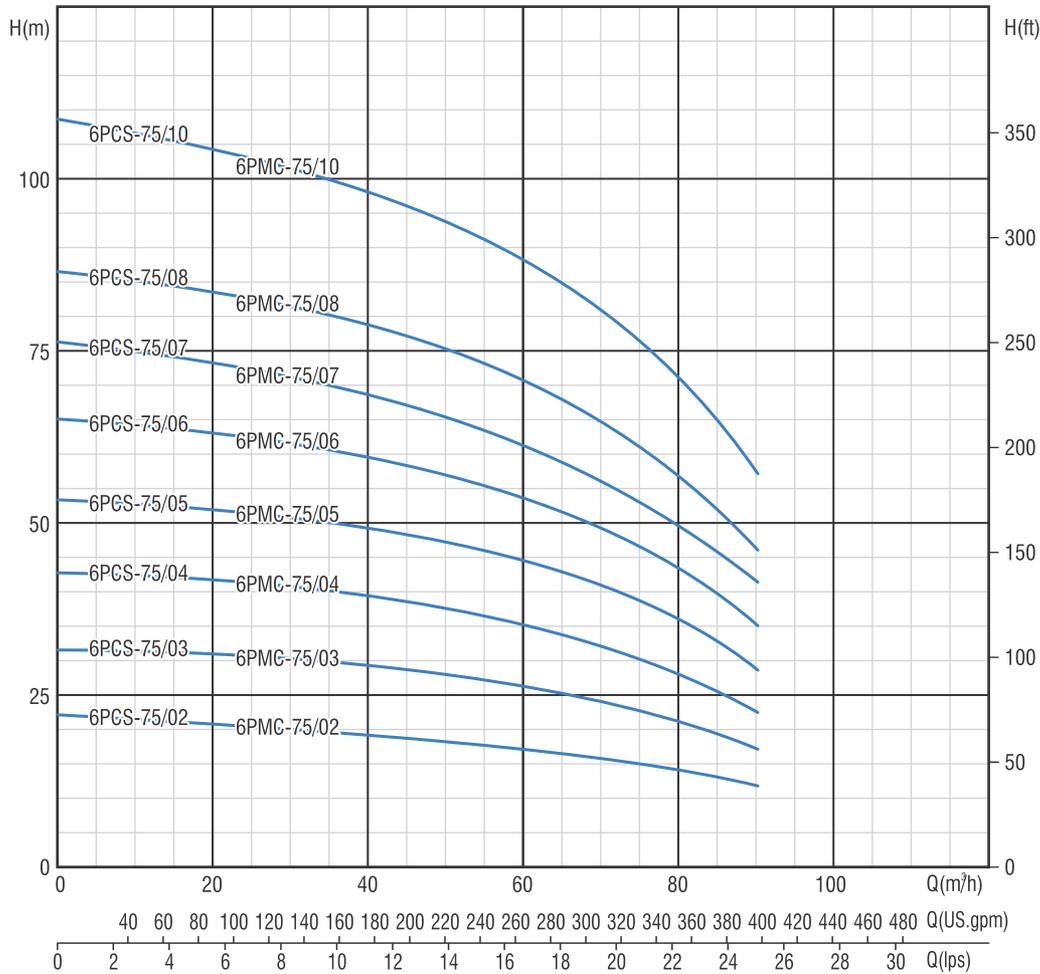
Nominal Flow: 75 m³/h

Outlet Size: 3"

Performance Curve

2900 rpm

6PCS-75
6PMC-75



Model Costa Series	Model Maxi Blue Series	Motor Power		Q(m ³ /h) Q(lps)	0	42.0	51.0	60.0	75.6	79.8	84.0	90.0
		kW	HP		0	11.67	14.20	16.67	21.00	22.17	23.33	25.00
6PCS-75/02	6PMC-75/02	4.5	6	Head(m)	22	19	18	17	15	14	14	12
6PCS-75/03	6PMC-75/03	7.5	10		32	29	28	26	23	22	20	17
6PCS-75/04	6PMC-75/04	9.3	12.5		43	38	37	34	30	29	27	23
6PCS-75/05	6PMC-75/05	11	15		54	48	46	43	38	36	34	29
6PCS-75/06	6PMC-75/06	13	17.5		65	58	55	52	46	43	41	35
6PCS-75/07	6PMC-75/07	15	20		76	67	64	60	53	50	48	41
6PCS-75/08	6PMC-75/08	18.5	25		86	77	74	69	61	58	54	46
6PCS-75/10	6PMC-75/10	22	30		108	96	92	86	76	72	68	58

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

CASTED SS & CI SUBMERSIBLE PUMPS

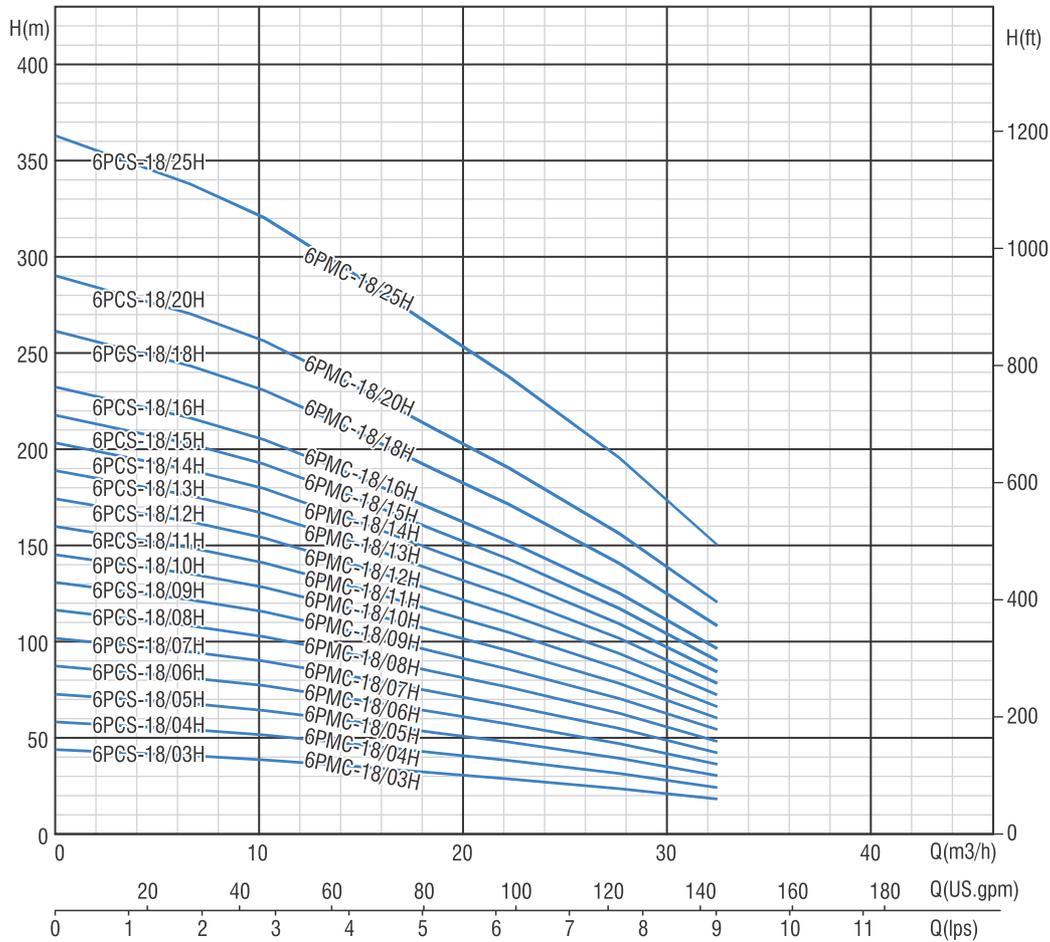
Nominal Flow: 18 m³/h

Outlet Size: 3"

Performance Curve

2900 rpm

6PCS-18
6PMC-18



Model Costa Deep Series	Model Maxi Deep Series	Motor Power		Q(m ³ /h) Q(lps)	0	6.6	10.2	14.4	18.6	22.2	27.6	32.4
		kW	HP		0	1.83	2.83	4.00	5.17	6.17	7.67	9.00
6PCS-18/03H	6PMC-18/03H	2.2	3	Head(m)	44	41	38	35	32	29	23	18
6PCS-18/04H	6PMC-18/04H	3	4		58	54	51	47	42	38	31	24
6PCS-18/05H	6PMC-18/05H	3.7	5		73	68	64	59	53	48	39	30
6PCS-18/06H	6PMC-18/06H	4.5	6		87	81	77	70	63	57	47	36
6PCS-18/07H	6PMC-18/07H	5.5	7.5		102	95	90	82	74	67	55	42
6PCS-18/08H	6PMC-18/08H	5.5	7.5		116	108	102	94	84	76	62	48
6PCS-18/09H	6PMC-18/09H	7.5	10		131	122	115	105	95	86	70	54
6PCS-18/10H	6PMC-18/10H	7.5	10		145	135	128	117	105	95	78	60
6PCS-18/11H	6PMC-18/11H	7.5	10		160	149	141	129	116	105	86	66
6PCS-18/12H	6PMC-18/12H	9.3	12.5		174	162	154	140	126	114	94	72
6PCS-18/13H	6PMC-18/13H	9.3	12.5		189	176	166	152	137	124	101	78
6PCS-18/14H	6PMC-18/14H	11	15		203	189	179	164	147	133	109	84
6PCS-18/15H	6PMC-18/15H	11	15		218	203	192	176	158	143	117	90
6PCS-18/16H	6PMC-18/16H	11	15		232	216	205	187	168	152	125	96
6PCS-18/18H	6PMC-18/18H	13	17.5		261	243	230	211	189	171	140	108
6PCS-18/20H	6MPC-18/20H	15	20		290	270	256	234	210	190	156	120
6PCS-18/25H	6MPC-18/25H	18.5	25		363	338	320	293	263	238	195	150

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

COSTA DEEP & MAXI DEEP SERIES

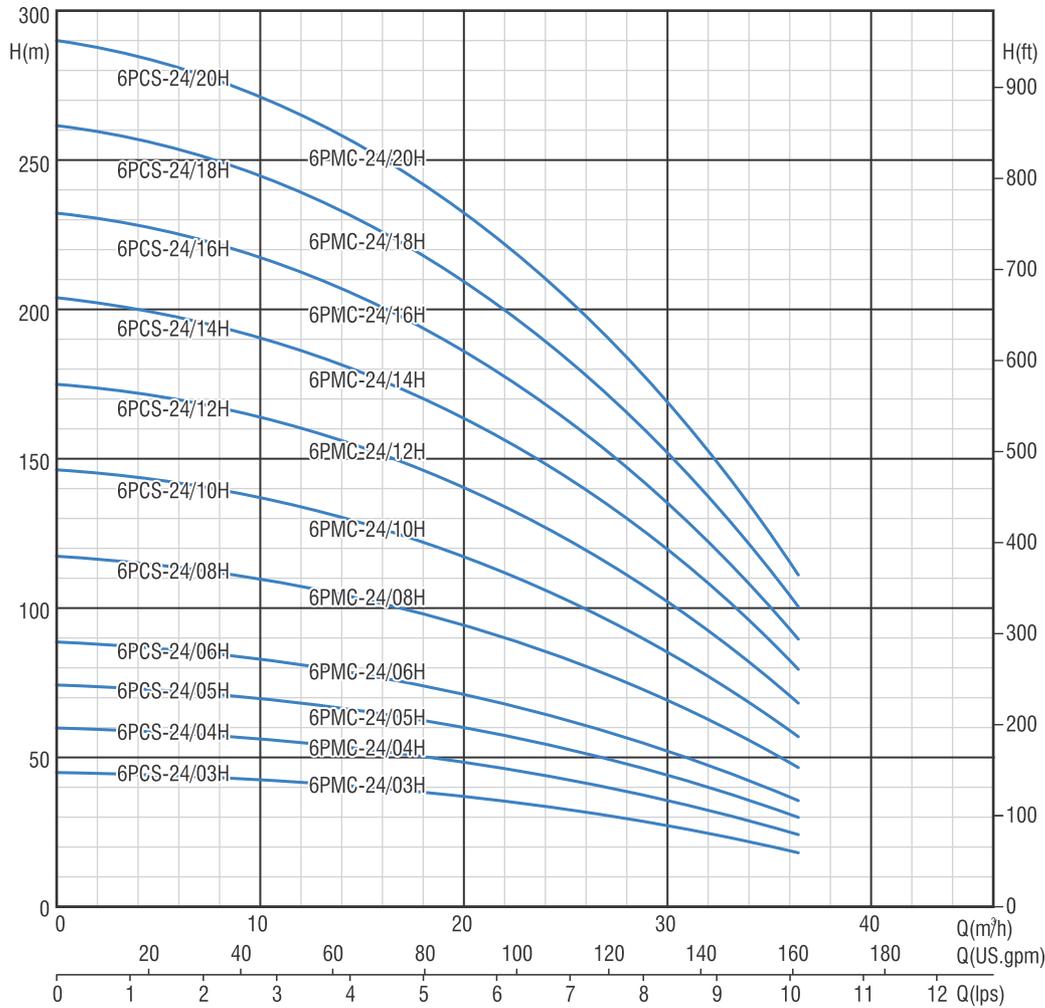
Nominal Flow: 24 m³/h

Outlet Size: 3"

Performance Curve

2900 rpm

6PCS-24
6PMC-24



Model Costa Deep Series	Model Maxi Deep Series	Motor Power		Q(m ³ /h) Q(lps)	0	8.4	13.8	21.0	24.0	28.8	32.4	36.6
		kW	HP		0	2.30	3.83	5.83	6.67	8.00	9.00	10.17
6PCS-24/03H	6PMC-24/03H	3	4	Head(m)	44	41	39	34	32	26	23	17
6PCS-24/04H	6PMC-24/04H	3.7	5		58	55	52	46	42	35	30	22
6PCS-24/05H	6PMC-24/05H	4.5	6		73	69	65	57	53	44	38	28
6PCS-24/06H	6PMC-24/06H	5.5	7.5		87	83	78	68	63	53	45	33
6PCS-24/08H	6PMC-24/08H	7.5	10		116	110	104	91	84	70	60	44
6PCS-24/10H	6PMC-24/10H	9.3	12.5		145	138	130	114	105	88	75	55
6PCS-24/12H	6PMC-24/12H	11	15		174	166	156	137	126	106	90	66
6PCS-24/14H	6PMC-24/14H	13	17.5		203	193	182	160	147	123	105	77
6PCS-24/16H	6PMC-24/16H	15	20		232	221	208	182	168	141	120	88
6PCS-24/18H	6PMC-24/18H	16.7	22.5		261	248	234	205	189	158	135	99
6PCS-24/20H	6PMC-24/20H	18.5	25		290	276	260	228	210	176	150	110

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

CASTED SS & CI SUBMERSIBLE PUMPS

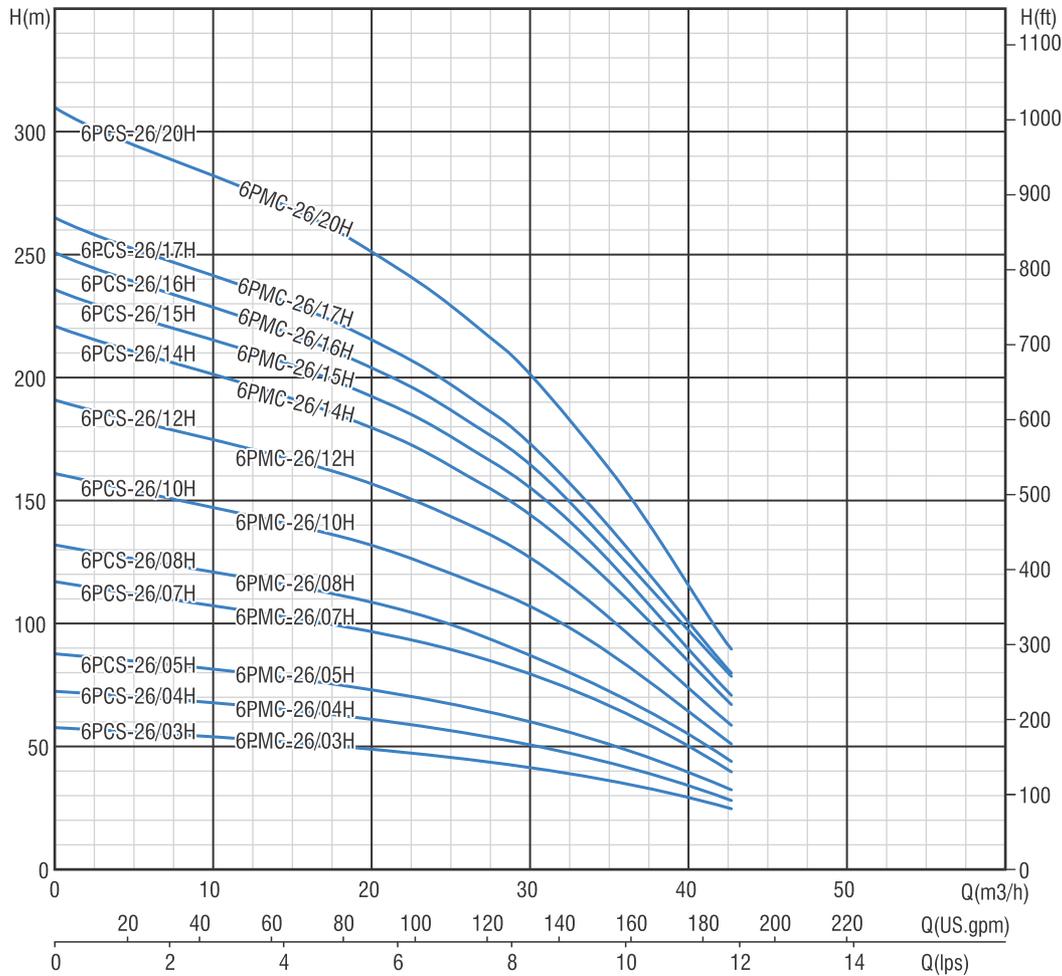
6PCS-26
6PMC-26

Nominal Flow: 26 m³/h

Outlet Size: 3"

Performance Curve

2900 rpm



Model	Model	Motor Power		Q(m ³ /h)	Head (m)							
		kW	HP		0	15.0	18.0	21.0	25.8	30.6	37.2	42.0
Costa Deep Series	Maxi Deep Series			Q(lps)	0	4.17	5.00	5.83	7.17	8.50	10.33	11.67
6PCS-26/03H	6PMC-26/03H	3.7	5		47	40	38	37	33	29	20	12
6PCS-26/04H	6PMC-26/04H	4.5	6		62	53	51	49	44	38	26	16
6PCS-26/05H	6PMC-26/05H	5.5	7.5		78	66	64	61	55	48	33	20
6PCS-26/07H	6PMC-26/07H	7.5	10		109	93	90	85	77	67	46	28
6PCS-26/08H	6PMC-26/08H	9.3	12.5		124	106	102	98	88	76	52	32
6PCS-26/10H	6PMC-26/10H	11	15		155	133	128	122	110	95	65	40
6PCS-26/12H	6PMC-26/12H	13	17.5		186	159	154	146	132	114	78	48
6PCS-26/14H	6PMC-26/14H	15	20		217	186	179	171	154	133	91	56
6PCS-26/15H	6PMC-26/15H	16.7	22.5		233	199	192	183	165	143	98	60
6PCS-26/16H	6PMC-26/16H	18.5	25		248	212	205	195	176	152	104	64
6PCS-26/17H	6PMC-26/17H	18.5	25		264	225	218	207	187	162	111	68
6PCS-26/20H	6PMC-26/20H	22	30		310	265	256	244	220	190	130	80

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

COSTA DEEP & MAXI DEEP SERIES

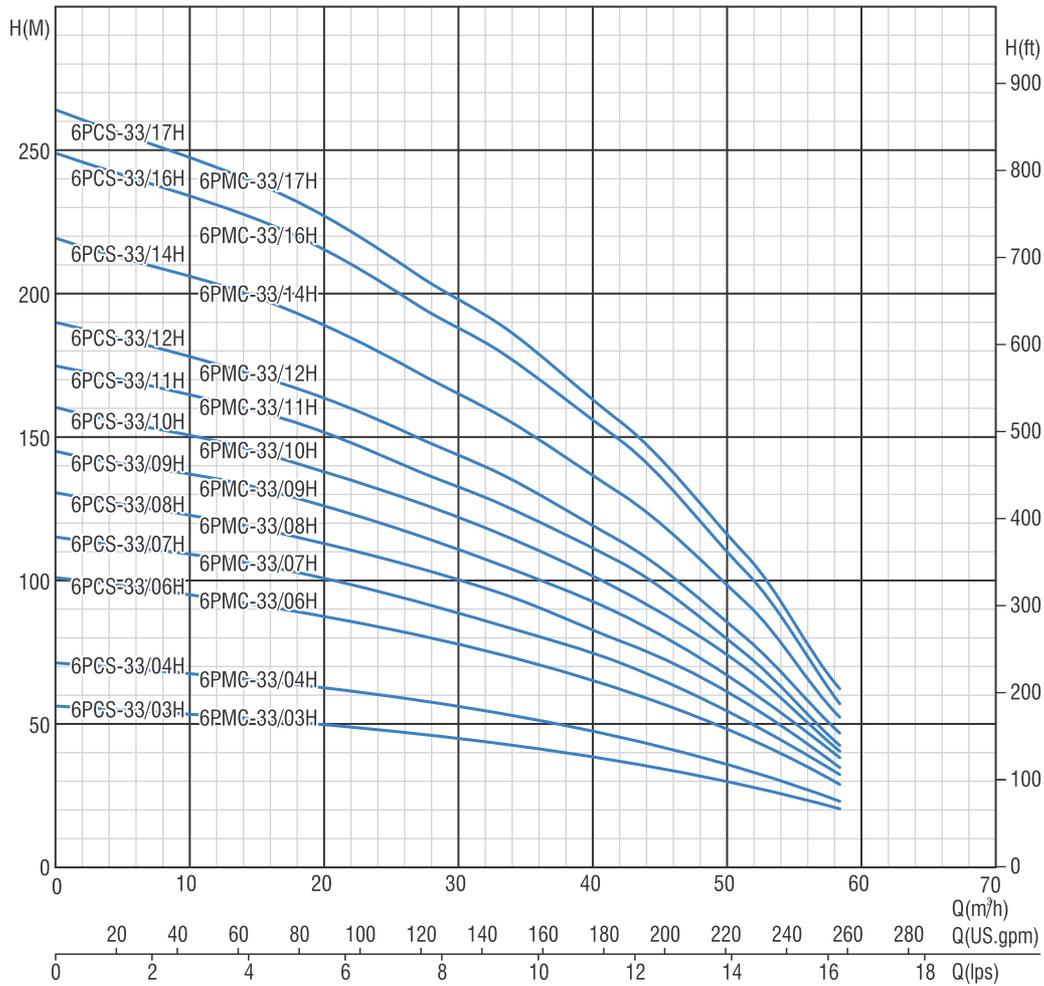
Nominal Flow: 33 m³/h

Outlet Size: 3"

Performance Curve

2900 rpm

6PCS-33
6PMC-33



Model Costa Deep Series	Model Maxi Deep Series	Motor Power		Q(m ³ /h) Q(lps)	Head (m)							
		kW	HP		0	15.0	20.4	27.0	33.0	42.0	51.6	58.8
6PCS-33/03H	6PMC-33/03H	3.7	5	0	47	42	40	36	33	27	18	9
6PCS-33/04H	6PMC-33/04H	5.5	7.5	15.0	62	56	53	48	44	36	24	12
6PCS-33/06H	6PMC-33/06H	7.5	10	20.4	93	84	79	72	66	54	36	18
6PCS-33/07H	6PMC-33/07H	9.3	12.5	27.0	109	98	92	84	77	63	42	21
6PCS-33/08H	6PMC-33/08H	11	15	33.0	124	112	106	96	88	72	48	24
6PCS-33/09H	6PMC-33/09H	11	15	42.0	140	126	119	108	99	81	54	27
6PCS-33/10H	6PMC-33/10H	13	17.5	51.6	155	140	132	120	110	90	60	30
6PCS-33/11H	6PMC-33/11H	15	20	58.8	171	154	145	132	121	99	66	33
6PCS-33/12H	6PMC-33/12H	15	20		186	168	158	144	132	108	72	36
6PCS-33/14H	6PMC-33/14H	18.5	25		217	196	185	168	154	126	84	42
6PCS-33/16H	6PMC-33/16H	22	30		248	224	211	192	176	144	96	48
6PCS-33/17H	6PMC-33/17H	22	30		264	238	224	204	187	153	102	51

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

CASTED SS & CI SUBMERSIBLE PUMPS

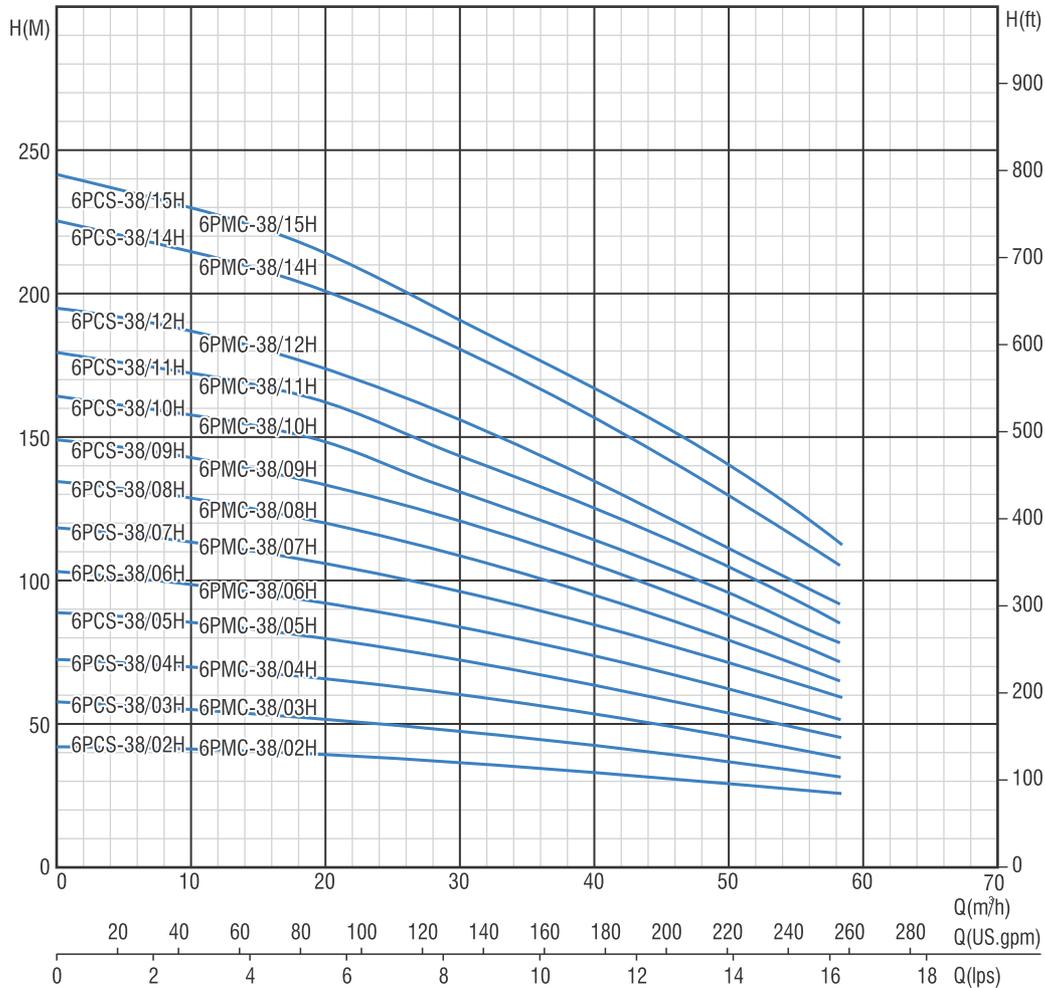
6PCS-38
6PMC-38

Nominal Flow: 38 m³/h

Outlet Size: 3"

Performance Curve

2900 rpm



Model Costa Deep Series	Model Maxi Deep Series	Motor Power		Q(m ³ /h) Q(lps)	0	18.6	28.5	34.8	37.8	42.6	48.6	57.6
		kW	HP		0	5.20	7.90	9.70	10.50	11.80	13.50	16.00
6PCS-38/02H	6PMC-38/02H	3	4	Head(m)	32	29	25	23	22	21	18	14
6PCS-38/03H	6PMC-38/03H	4.5	6		48	44	38	35	33	31	27	21
6PCS-38/04H	6PMC-38/04H	5.5	7.5		64	58	51	47	44	41	36	28
6PCS-38/05H	6PMC-38/05H	7.5	10		80	73	64	59	55	52	45	35
6PCS-38/06H	6PMC-38/06H	9.3	12.5		96	87	76	70	66	62	54	42
6PCS-38/07H	6PMC-38/07H	11	15		112	102	89	82	77	72	63	49
6PCS-38/08H	6PMC-38/08H	11	15		128	116	102	94	88	82	72	56
6PCS-38/09H	6PMC-38/09H	13	17.5		144	131	114	105	99	93	81	63
6PCS-38/10H	6PMC-38/10H	15	20		160	145	127	117	110	103	90	70
6PCS-38/11H	6PMC-38/11H	16.7	22.5		176	160	140	129	121	113	99	77
6PCS-38/12H	6PMC-38/12H	18.5	25		192	174	152	140	132	124	108	84
6PCS-38/14H	6PMC-38/14H	20.5	27.5		224	203	178	164	154	144	126	98
6PCS-38/15H	6PMC-38/15H	22	30		240	218	191	176	165	155	135	105

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

COSTA DEEP & MAXI DEEP SERIES

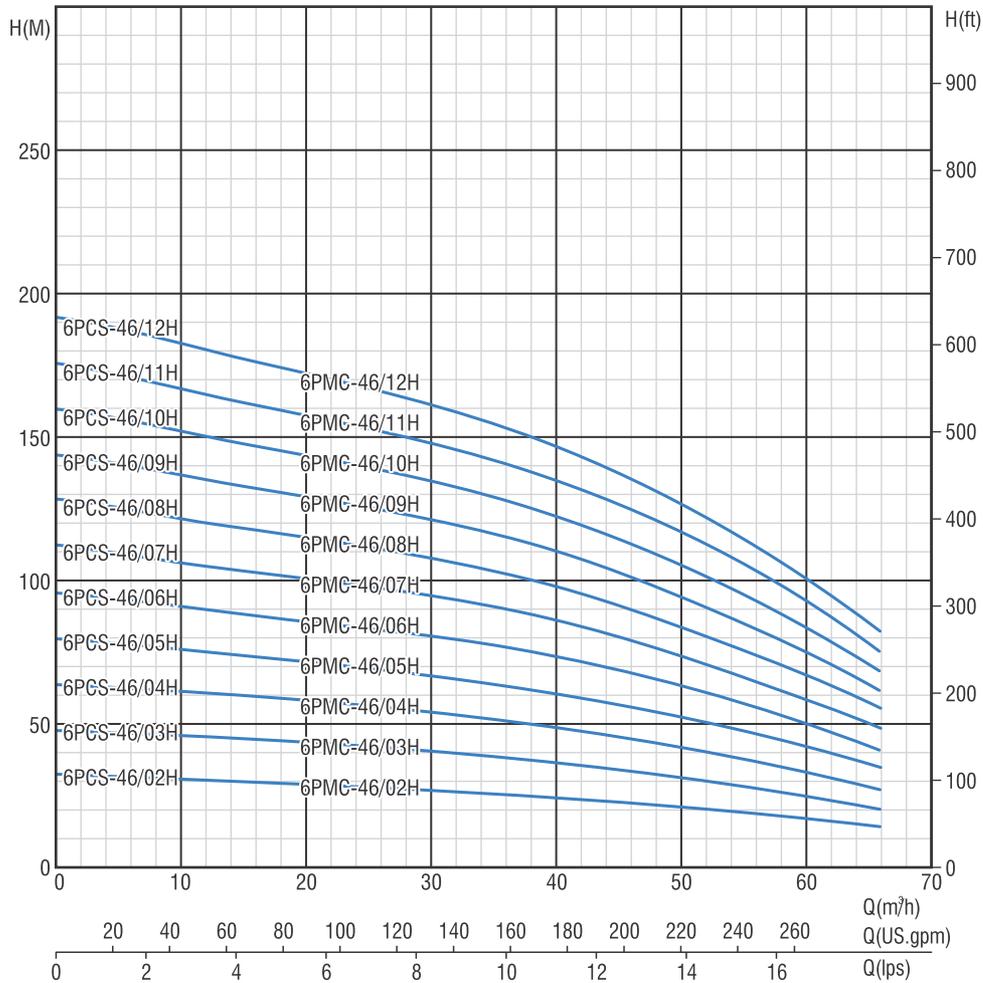
Nominal Flow: 46 m³/h

Outlet Size: 3"

Performance Curve

2900 rpm

6PCS-46
6PMC-46



Model Costa Deep Series	Model Maxi Deep Series	Motor Power		Q(m ³ /h) Q(lps)	0	30.0	36.0	42.0	46.8	51.0	57.0	66.0
		kW	HP		0	8.33	10.00	11.67	13.00	14.17	15.83	18.33
6PCS-46/02H	6PMC-46/02H	3.7	5	Head(m)	32	27	26	24	22	21	18	14
6PCS-46/03H	6PMC-46/03H	5.5	7.5		48	41	38	36	33	31	27	21
6PCS-46/04H	6PMC-46/04H	7.5	10		64	54	51	48	44	41	36	27
6PCS-46/05H	6PMC-46/05H	9.3	12.5		80	68	64	60	55	52	45	34
6PCS-46/06H	6PMC-46/06H	11	15		96	81	77	72	66	62	54	41
6PCS-46/07H	6PMC-46/07H	13	17.5		112	95	90	84	77	72	63	48
6PCS-46/08H	6PMC-46/08H	15	20		128	108	102	96	88	82	72	55
6PCS-46/09H	6PMC-46/09H	16.7	22.5		144	122	115	108	99	93	81	62
6PCS-46/10H	6PMC-46/10H	18.5	25		160	135	128	120	110	103	90	69
6PCS-46/11H	6PMC-46/11H	20.5	27.5		176	149	141	132	121	113	99	76
6PCS-46/12H	6PMC-46/12H	22	30		192	162	154	144	132	124	108	82

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

CASTED SS & CI SUBMERSIBLE PUMPS

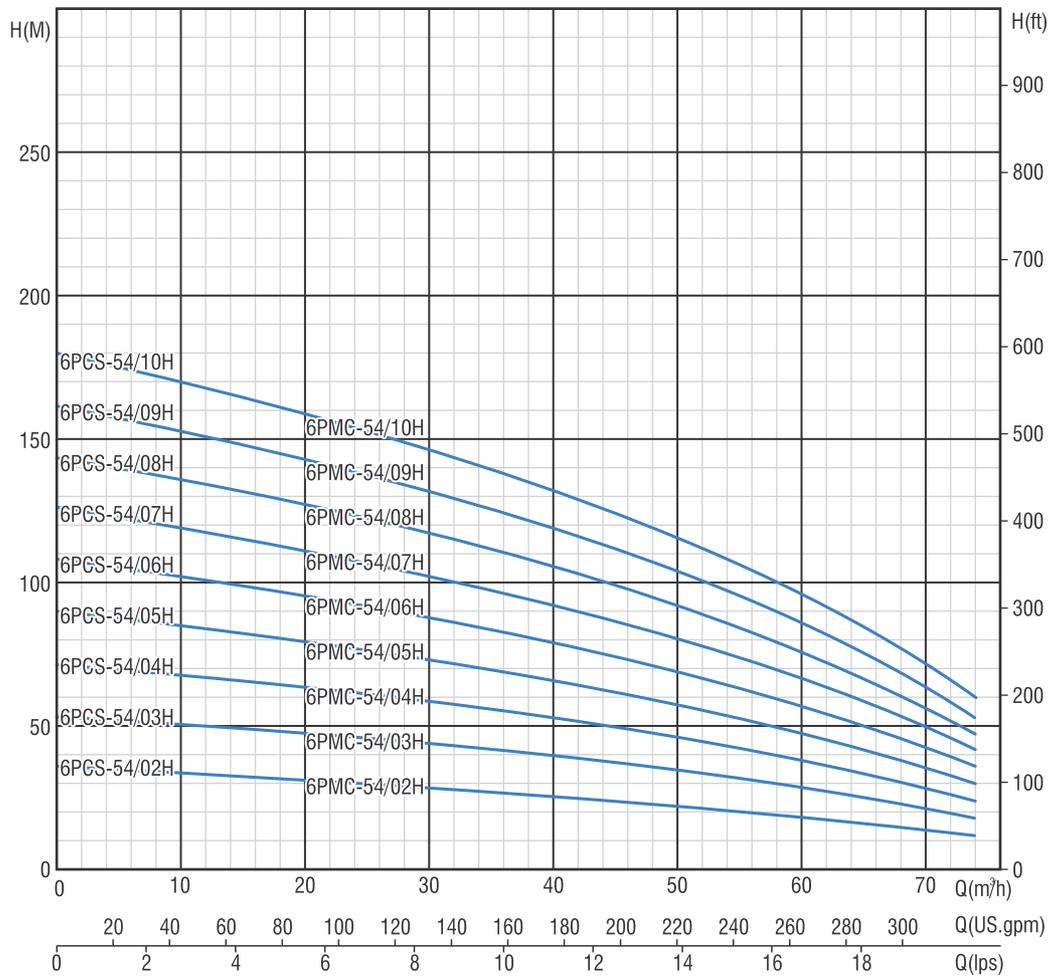
Nominal Flow: 54 m³/h

Outlet Size: 3"

Performance Curve

2900 rpm

6PCS-54
6PMC-54



Model Costa Deep Series	Model Maxi Deep Series	Motor Power		Q(m ³ /h) Q(lps)	0	24.6	34.8	48.6	54.0	61.2	69.6	75.0
		kW	HP		0	6.83	9.67	13.50	15.00	17.00	19.30	20.80
6PCS-54/02H	6PMC-54/02H	4.5	6	Head(m)	36	31	28	24	22	19	15	12
6PCS-54/03H	6PMC-54/03H	7.5	10		54	47	42	36	33	29	23	18
6PCS-54/04H	6PMC-54/04H	9.3	12.5		72	62	56	48	44	38	30	24
6PCS-54/05H	6PMC-54/05H	11	15		90	78	70	60	55	48	38	30
6PCS-54/06H	6PMC-54/06H	13	17.5		108	93	84	72	66	58	45	36
6PCS-54/07H	6PMC-54/07H	15	20		126	109	98	84	77	67	53	42
6PCS-54/08H	6PMC-54/08H	18.5	25		144	124	112	96	88	77	60	48
6PCS-54/09H	6PMC-54/09H	20.5	27.5		162	140	126	108	99	86	68	54
6PCS-54/10H	6PMC-54/10H	22	30		180	155	140	120	110	96	75	60

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

COSTA & MAXI BLUE SERIES



Technical Specification

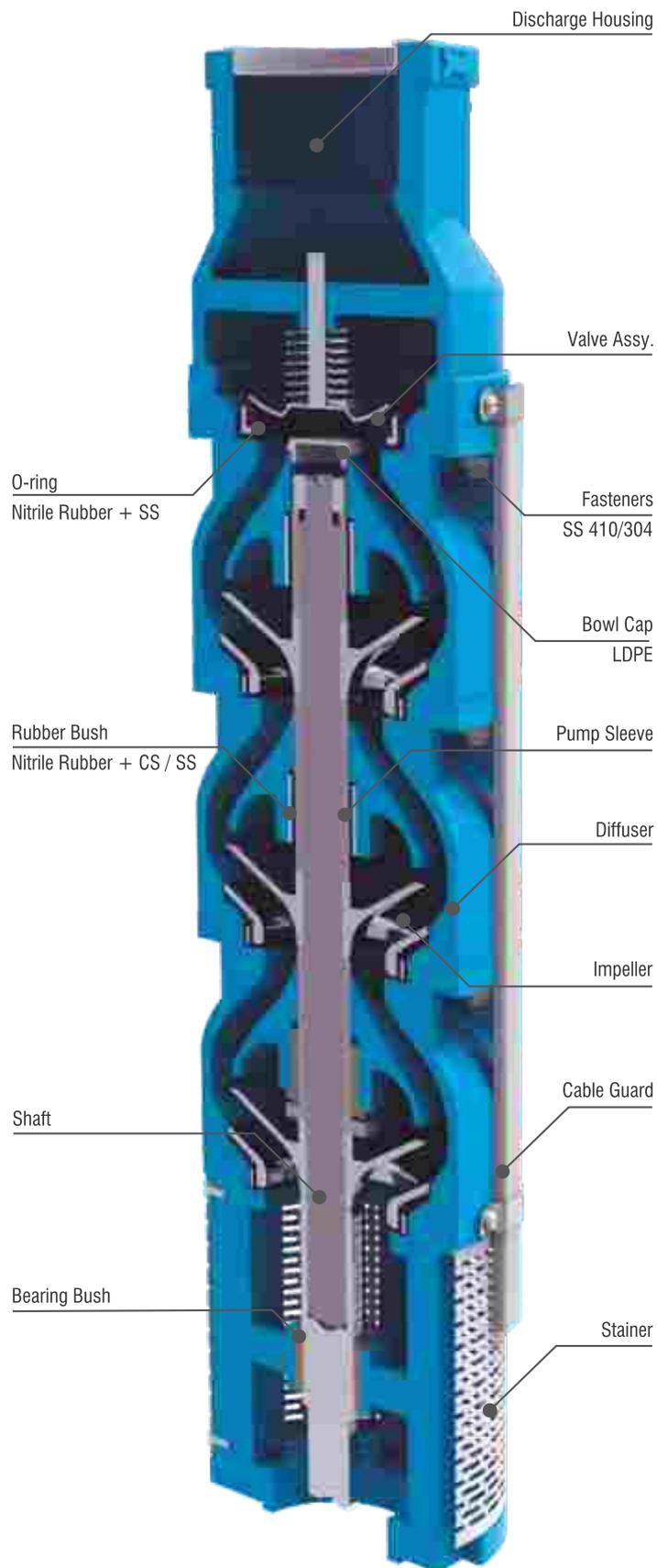
SERIES		8" MAXI BLUE / COSTA
Model		8PCS / 8PMC
Power Range	KW	7.5 to 63 kW
	HP	10 to 85 HP
Nominal Outlet size	Inch	3" & 4"
	mm	80 & 100
Speed	rpm	2880
Discharge range	m ³ /h	24 to 150
	lpm	400 to 2500
	lps	6.67 to 41.67
Head range	m	14 to 300
	ft	46 to 984
Max. Outer Diameter	mm	195

Materials of Construction

Models	8PMC	8PCL	8PCS	8PCT
Suction Housing	Cast iron	Casted SS 410	Casted SS 304	Casted SS 316
Discharge Housing	Cast iron	Casted SS 410	Casted SS 304	Casted SS 316
Impeller	SS 410	Casted SS 410	Casted SS 304	Casted SS 316
Diffuser Chamber	Cast iron	Casted SS 410	Casted SS 304	Casted SS 316
Pump Shaft	SS 420	SS 410	SS 304	SS 316
Check Valve Disc	SS 202	SS 410	SS 304	SS 316
Bush Diffuser chamber	NBR / VITON	NBR / VITON	NBR / VITON	NBR / VITON
Wear ring	NBR / VITON + SS			
Upthrust Washer	SS 410	SS 410	SS 304	SS 316
Counter Bush	LTB-4	LTB-4	LTB-4	LTB-4
Sleeve	SS 410	SS 410	SS 410	SS 410
Cable Guard	SS 410	SS 410	SS 304	SS 316

CASTED SS & CI SUBMERSIBLE PUMPS

Cross Sectional View- 8" Maxi Blue / Costa Series



COSTA & MAXI BLUE SERIES

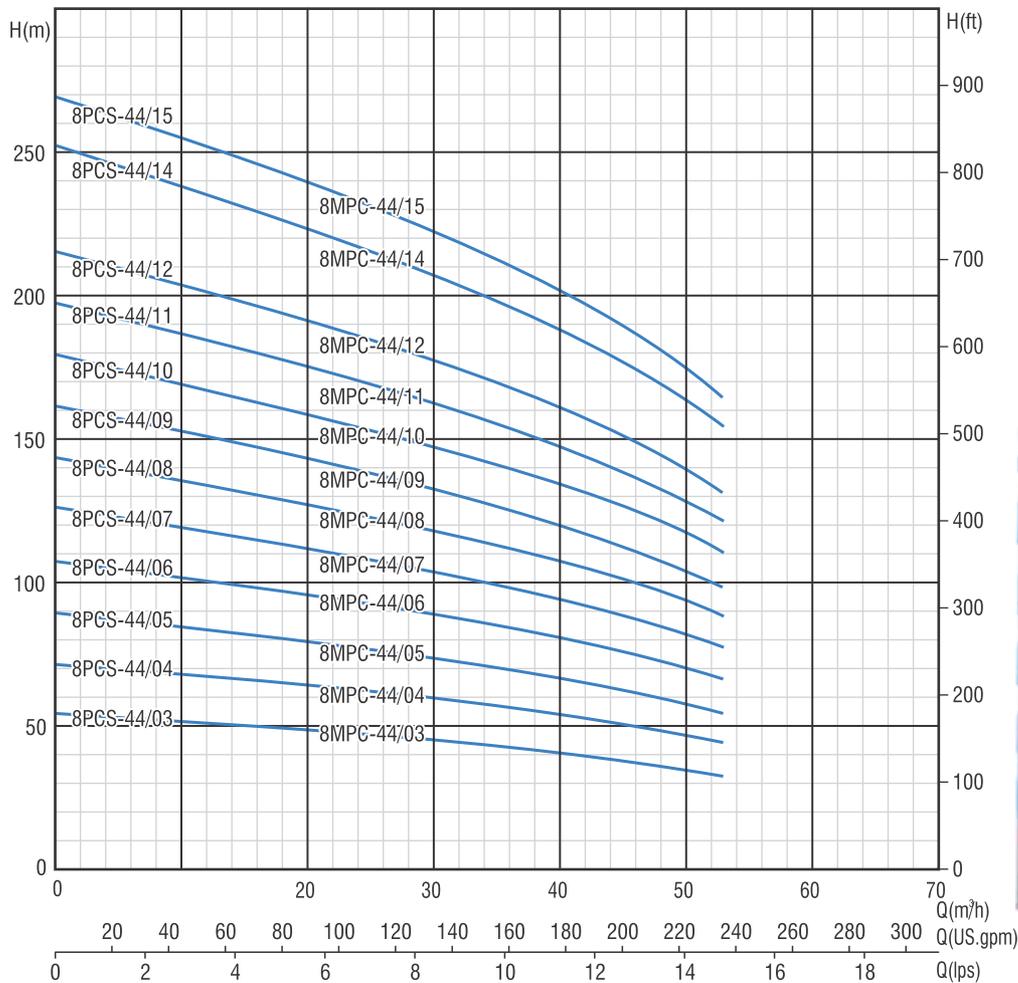
Nominal Flow: 44 m³/h

Outlet Size: 3"

Performance Curve

2900 rpm

8PCS-44
8MPC-44



Model Costa Series	Model Maxi Blue Series	Motor Power		Q(m ³ /h) Q(lps)	0	24.0	30.0	36.0	43.5	45.6	48.0	52.8
		kW	HP		0	6.70	8.30	10.00	12.10	12.70	13.30	14.70
8PCS-44/03	8MPC-44/03	7.5	10	Head(m)	54	47	44	42	39	38	36	33
8PCS-44/04	8MPC-44/04	9.3	12.5		72	62	59	56	52	50	48	44
8PCS-44/05	8MPC-44/05	11	15		90	78	74	70	65	63	60	55
8PCS-44/06	8MPC-44/06	13	17.5		108	93	89	84	78	75	72	66
8PCS-44/07	8MPC-44/07	15	20		126	109	103	98	91	88	84	77
8PCS-44/08	8MPC-44/08	18.5	25		144	124	118	112	104	100	96	88
8PCS-44/09	8MPC-44/09	18.5	25		162	140	133	126	117	113	108	99
8PCS-44/10	8MPC-44/10	22	30		180	155	148	140	130	125	120	110
8PCS-44/11	8MPC-44/11	22	30		198	171	162	154	143	138	132	121
8PCS-44/12	8MPC-44/12	26	35		216	186	177	168	156	150	144	132
8PCS-44/14	8MPC-44/14	30	40		252	217	207	196	182	175	168	154
8PCS-44/15	8MPC-44/15	33.5	45		270	233	221	210	195	188	180	165

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

CASTED SS & CI SUBMERSIBLE PUMPS

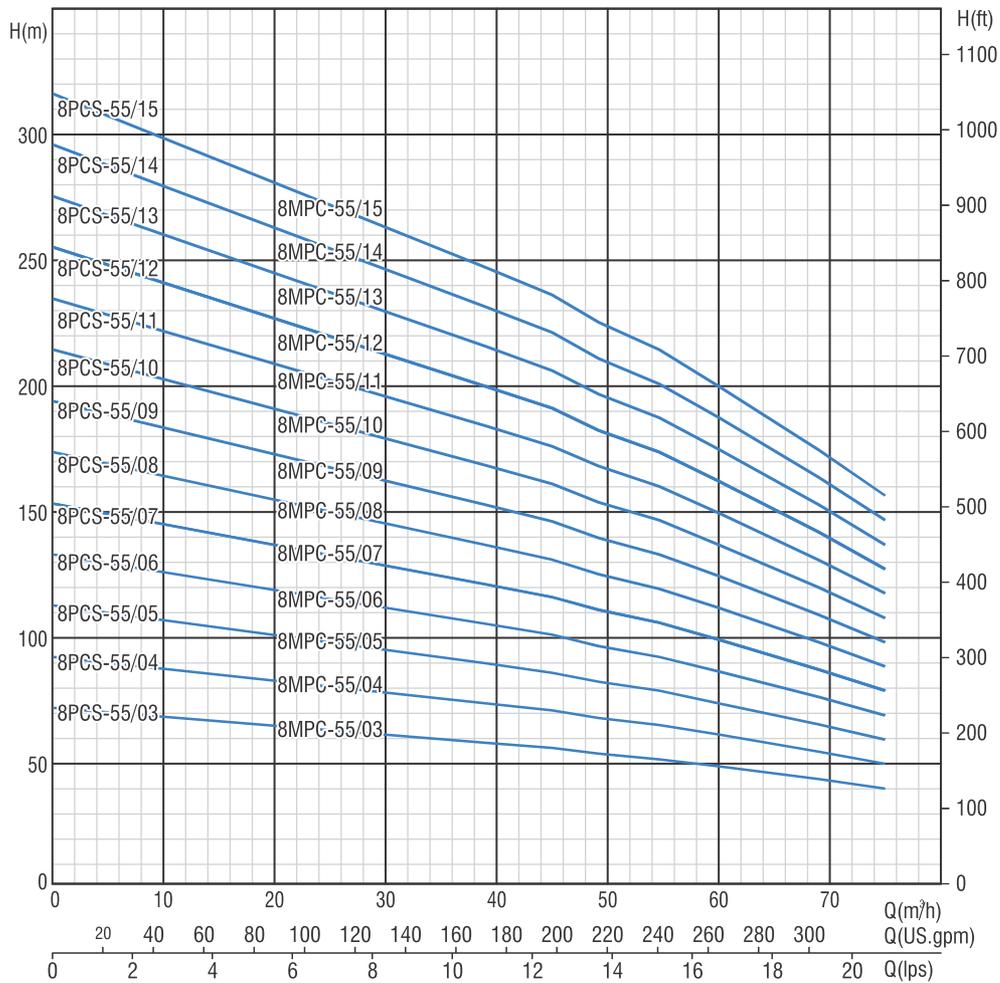
8PCS-55
8MPC-55

Nominal Flow: 55 m³/h

Outlet Size: 3"

Performance Curve

2900 rpm



Model Costa Series	Model Maxi Blue Series	Motor Power		Q(m ³ /h) Q(lps)	0	39.0	45.0	49.2	55.0	60.0	69.0	75.0
		kW	HP		0	10.80	12.50	13.70	15.20	16.70	19.20	20.80
8PCS-55/03	8MPC-55/03	9.3	12.5	Head(m)	63	49	47	44	42	39	34	30
8PCS-55/04	8MPC-55/04	11	15		84	65	62	59	56	52	45	40
8PCS-55/05	8MPC-55/05	15	20		105	81	78	74	70	65	56	50
8PCS-55/06	8MPC-55/06	18.5	25		126	98	93	89	84	78	68	60
8PCS-55/07	8MPC-55/07	18.5	25		147	114	109	103	98	91	79	70
8PCS-55/07	8MPC-55/07	22	30		147	114	109	103	98	91	79	70
8PCS-55/08	8MPC-55/08	22	30		168	130	124	118	112	104	90	80
8PCS-55/09	8MPC-55/09	26	35		189	146	140	133	126	117	101	90
8PCS-55/10	8MPC-55/10	30	40		210	163	155	148	140	130	113	100
8PCS-55/11	8MPC-55/11	33.5	45		231	179	171	162	154	143	124	110
8PCS-55/12	8MPC-55/12	33.5	45		252	195	186	177	168	156	135	120
8PCS-55/12	8MPC-55/12	37	50		252	195	186	177	168	156	135	120
8PCS-55/13	8MPC-55/13	37	50		273	211	202	192	182	169	146	130
8PCS-55/14	8MPC-55/14	41	55		294	228	217	207	196	182	158	140
8PCS-55/15	8MPC-55/15	45	60		315	244	233	221	210	195	169	150

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

COSTA & MAXI BLUE SERIES

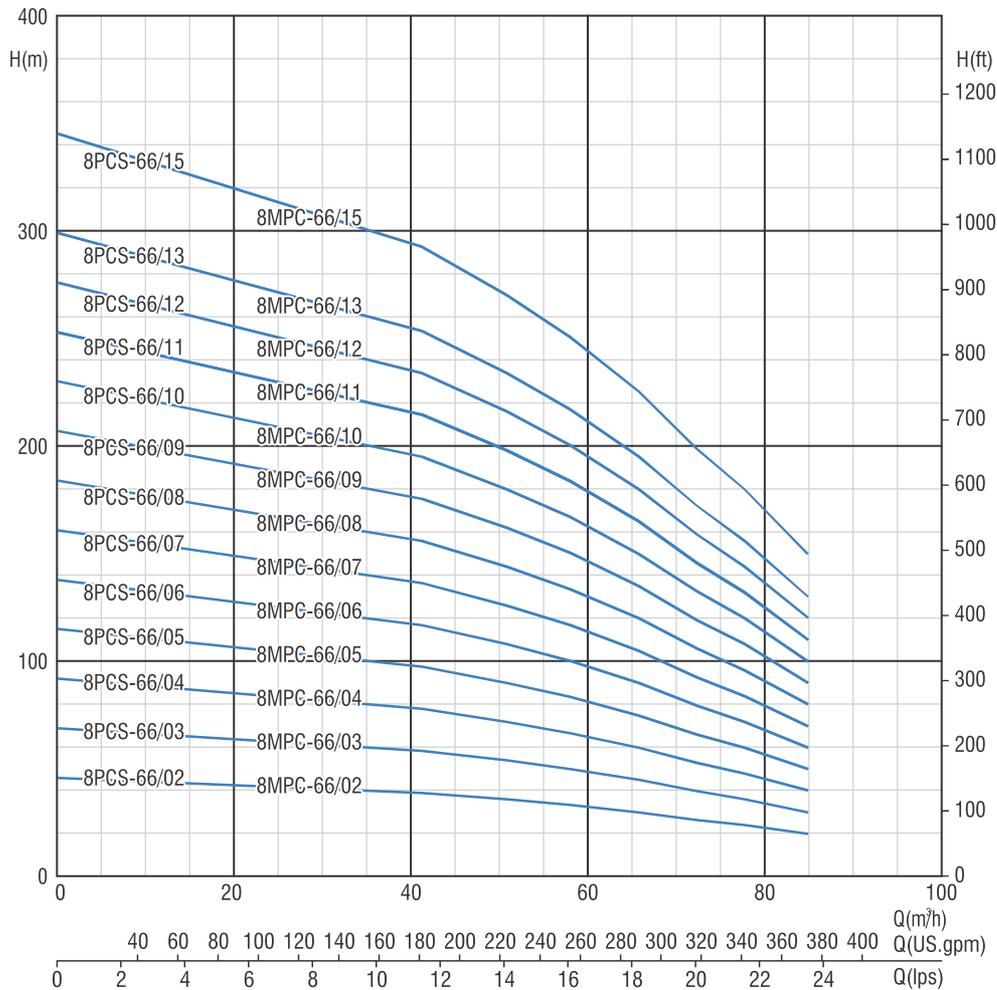
Nominal Flow: 66 m³/h

Outlet Size: 4"

Performance Curve

2900 rpm

8PCS-66
8MPC-66



Model Costa Series	Model Maxi Blue Series	Motor Power		Q(m ³ /h) Q(lps)	Head(m)								
		kW	HP		0	41.4	51.0	58.2	66.0	72.6	78.0	85.2	
8PCS-66/02	8MPC-66/02	7.5	10	0	46	39	36	33	30	27	24	20	
8PCS-66/03	8MPC-66/03	11	15	41.4	69	59	54	50	45	40	36	30	
8PCS-66/04	8MPC-66/04	15	20	51.0	92	78	72	67	60	53	48	40	
8PCS-66/05	8MPC-66/05	18.5	25	58.2	115	98	90	84	75	66	60	50	
8PCS-66/06	8MPC-66/06	22	30	66.0	138	117	108	100	90	80	72	60	
8PCS-66/07	8MPC-66/07	26	35	72.6	161	137	126	117	105	93	84	70	
8PCS-66/08	8MPC-66/08	30	40	78.0	184	156	144	134	120	106	96	80	
8PCS-66/09	8MPC-66/09	33.5	45	85.2	207	176	162	150	135	119	108	90	
8PCS-66/10	8MPC-66/10	37	50		230	195	180	167	150	133	120	100	
8PCS-66/11	8MPC-66/11	37	50		253	215	198	184	165	146	132	110	
8PCS-66/11	8MPC-66/11	41	55		253	215	198	184	165	146	132	110	
8PCS-66/12	8MPC-66/12	45	60		276	234	216	200	180	159	144	120	
8PCS-66/13	8MPC-66/13	45	60		299	254	234	217	195	172	156	130	
8PCS-66/15	8MPC-66/15	55	75		345	293	270	251	225	199	180	150	

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

CASTED SS & CI SUBMERSIBLE PUMPS

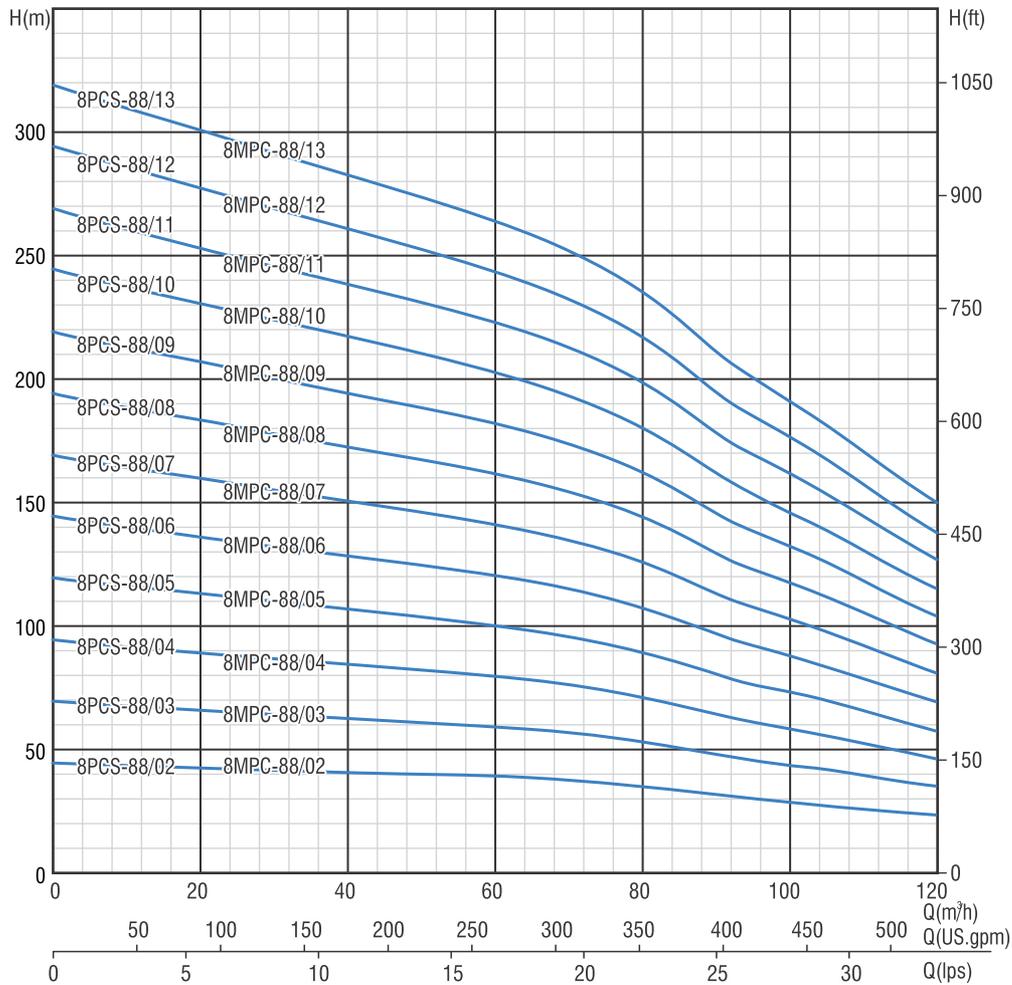
8PCS-88
8MPC-88

Nominal Flow: 88 m³/h

Outlet Size: 4"

Performance Curve

2900 rpm



Model Costa Series	Model Maxi Blue Series	Motor Power		Q(m ³ /h) Q(lps)	Head (m)							
		kW	HP		0	61.2	70.8	78.6	87.0	91.8	102.0	120.0
8PCS-88/02	8MPC-88/02	11	15	0	0	17.00	19.70	21.80	24.20	25.50	28.30	33.30
8PCS-88/03	8MPC-88/03	15	20	50	41	39	37	34	32	29	23	
8PCS-88/04	8MPC-88/04	22	30	75	62	59	56	51	48	44	35	
8PCS-88/05	8MPC-88/05	26	35	100	82	78	74	68	64	58	46	
8PCS-88/06	8MPC-88/06	30	40	125	103	98	93	85	80	73	58	
8PCS-88/06	8MPC-88/06	33.5	45	150	123	117	111	102	96	87	69	
8PCS-88/07	8MPC-88/07	37	50	175	144	137	130	119	112	102	81	
8PCS-88/08	8MPC-88/08	41	55	200	164	156	148	136	128	116	92	
8PCS-88/09	8MPC-88/09	45	60	225	185	176	167	153	144	131	104	
8PCS-88/10	8MPC-88/10	55	75	250	205	195	185	170	160	145	115	
8PCS-88/11	8MPC-88/11	55	75	275	226	215	204	187	176	160	127	
8PCS-88/12	8MPC-88/12	63	85	300	246	234	222	204	192	174	138	
8PCS-88/13	8MPC-88/13	63	85	325	267	254	241	221	208	189	150	

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

COSTA & MAXI BLUE SERIES

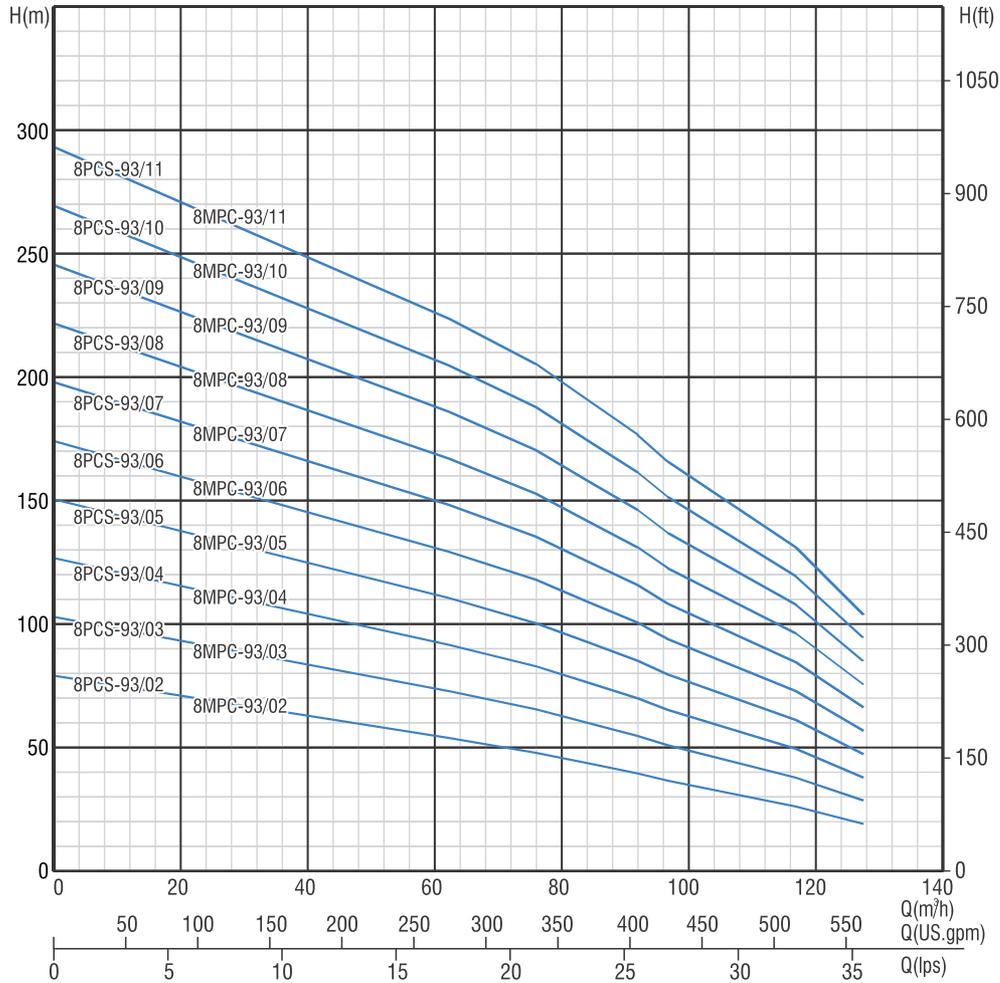
Nominal Flow: 93 m³/h

Outlet Size: 4"

Performance Curve

2900 rpm

8PCS-93
8MPC-93



Model Costa Series	Model Maxi Blue Series	Motor Power		Q(m ³ /h) Q(lps)	Head (m)							
		kW	HP		0	63.0	76.8	85.2	93.0	97.8	118.2	129.0
8PCS-93/02	8MPC-93/02	11	15	0	0	17.50	21.30	23.70	25.80	27.20	32.80	35.80
8PCS-93/03	8MPC-93/03	18.5	25	53	42	39	36	34	32	26	21	
8PCS-93/04	8MPC-93/04	26	35	80	63	59	55	51	48	39	32	
8PCS-93/05	8MPC-93/05	30	40	106	84	78	73	68	64	52	42	
8PCS-93/06	8MPC-93/06	37	50	133	105	98	91	85	80	65	53	
8PCS-93/07	8MPC-93/07	41	55	159	126	117	109	102	96	78	63	
8PCS-93/08	8MPC-93/08	45	60	186	147	137	127	119	112	91	74	
8PCS-93/09	8MPC-93/09	55	75	212	168	156	146	136	128	104	84	
8PCS-93/10	8MPC-93/10	55	75	239	189	176	164	153	144	117	95	
8PCS-93/11	8MPC-93/11	63	85	265	210	195	182	170	160	130	105	
				292	231	215	200	187	176	143	116	

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

CASTED SS & CI SUBMERSIBLE PUMPS

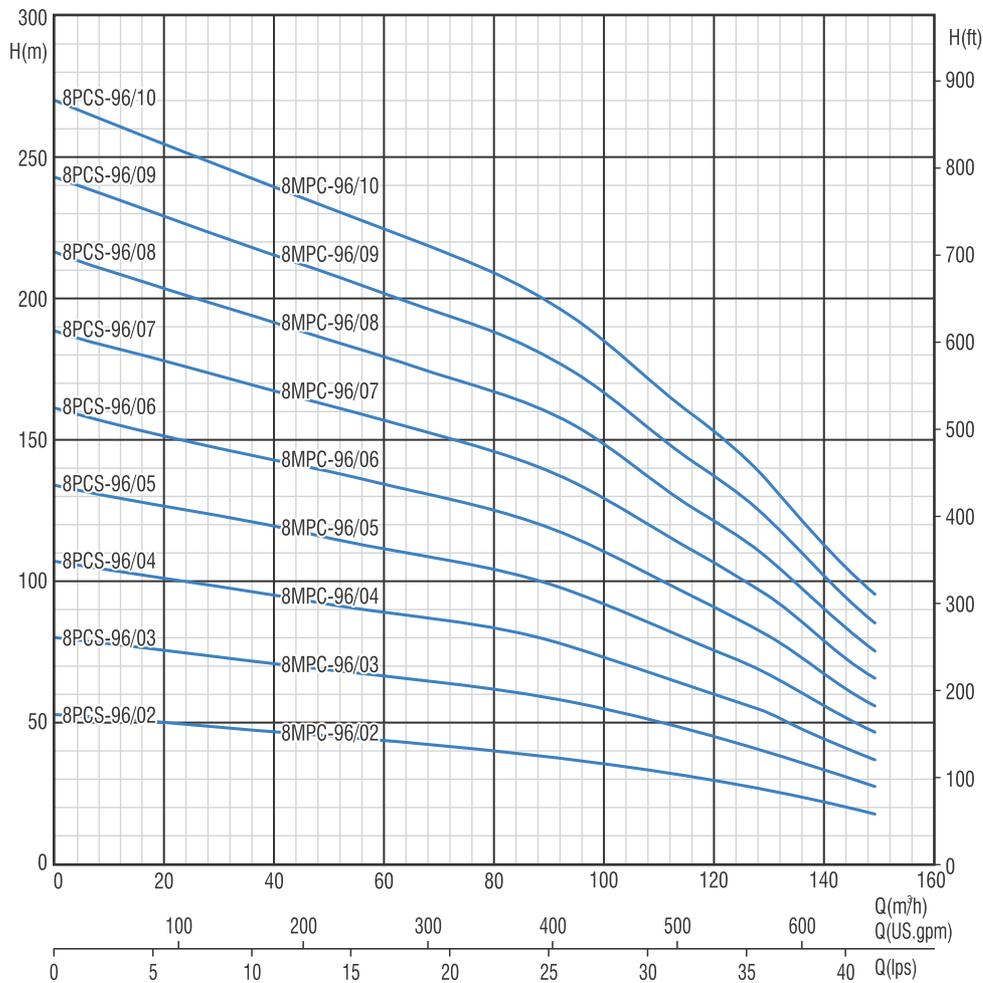
Nominal Flow: 96 m³/h

Outlet Size: 4"

Performance Curve

2900 rpm

8PCS-96
8MPC-96



Model Costa Series	Model Maxi Blue Series	Motor Power		Q(m ³ /h) Q(lps)	Head (m)								
		kW	HP		0	81.0	89.0	96.0	108.0	126.0	135.0	147.0	
8PCS-96/02	8MPC-96/02	13	17.5	54	42	40	38	34	28	24	19		
8PCS-96/03	8MPC-96/03	20	27.5	81	62	60	57	51	42	36	29		
8PCS-96/04	8MPC-96/04	26	35	108	83	80	76	68	56	48	38		
8PCS-96/05	8MPC-96/05	33.5	45	135	104	100	95	85	70	60	48		
8PCS-96/06	8MPC-96/06	41	55	162	125	120	114	102	84	72	57		
8PCS-96/07	8MPC-96/07	45	60	189	146	140	133	119	98	84	67		
8PCS-96/08	8MPC-96/08	55	75	216	166	160	152	136	112	96	76		
8PCS-96/09	8MPC-96/09	63	85	243	187	180	171	153	126	108	86		
8PCS-96/10	8MPC-96/10	63	85	270	208	200	190	170	140	120	95		

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

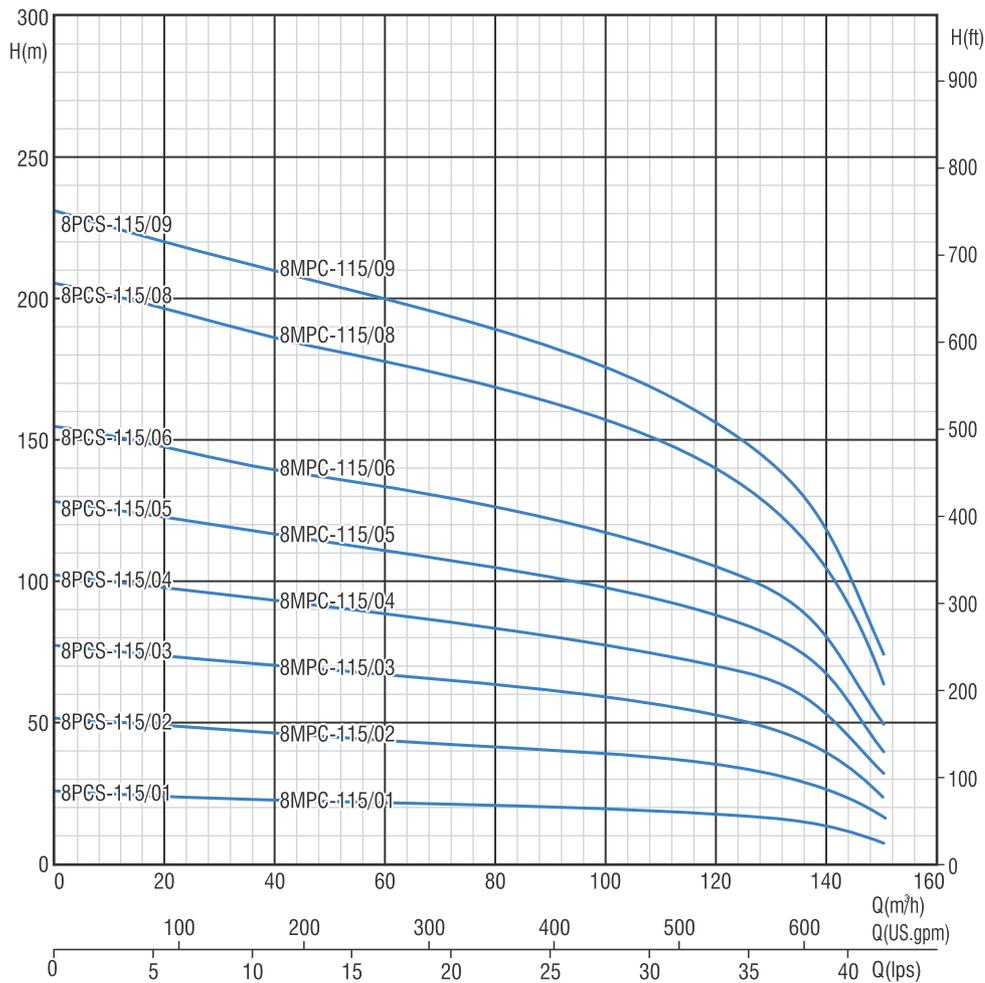
COSTA & MAXI BLUE SERIES

Nominal Flow: 115 m³/h

Outlet Size: 4"

Performance Curve

2900 rpm



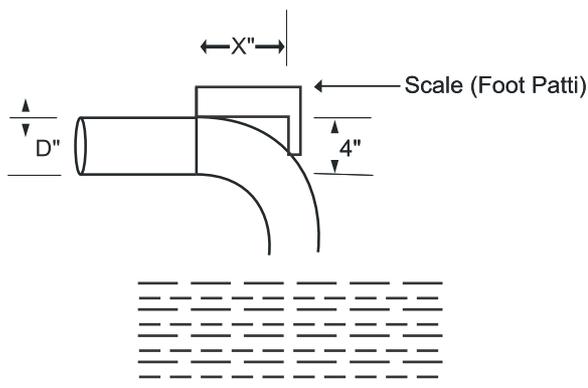
Model Costa Series	Model Maxi Blue Series	Motor Power		Q(m ³ /h) Q(lps)	0	91.2	97.8	106.8	114.0	124.8	138.0	150.0
		kW	HP		0	25.30	27.20	29.70	31.70	34.70	38.30	41.70
8PCS-115/01	8MPC-115/01	7.5	10	Head(m)	26	20	20	19	18	17	14	8
8PCS-115/02	8MPC-115/02	15	20		51	40	39	38	36	34	28	16
8PCS-115/03	8MPC-115/03	22	30		77	61	59	56	54	50	42	24
8PCS-115/04	8MPC-115/04	30	40		102	81	78	75	72	67	56	32
8PCS-115/05	8MPC-115/05	37	50		128	101	98	94	90	84	70	40
8PCS-115/06	8MPC-115/06	45	60		154	121	118	113	108	101	84	48
8PCS-115/08	8MPC-115/08	55	75		205	162	157	150	144	134	112	64
8PCS-115/09	8MPC-115/09	63	85		230	182	176	169	162	151	126	72

In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

PIPE FLOW RATE

HORIZONTAL DISTANCE (X) IN INCHES	NOMINAL PIPE DIAMETER (D)									
	1"	1¼"	1½"	2"	2½"	3"	4"	5"	6"	
4	2	3	4	6	8	13	23	35	52	
5	2	3	5	8	11	17	28	45	65	
6	2	4	5	9	13	20	34	53	78	
7	3	5	6	11	15	23	40	63	91	
8	3	5	7	12	17	27	45	71	104	
9	3	6	8	14	19	30	51	80	117	
10	4	7	9	15	21	33	57	89	129	
11	4	7	10	17	23	37	62	98	143	
12	5	8	11	18	26	40	68	106	155	
13	5	9	12	20	28	43	74	116	169	
14	5	9	13	21	30	47	79	123	181	
15	6	10	14	23	32	50	85	133	193	
16	6	11	14	24	34	53	91	142	207	
17	7	11	15	26	36	57	96	151	221	
18	7	12	16	27	38	60	102	161	233	
19	7	13	17	29	40	63	108	169	247	
20	8	13	18	30	42	66	113	177	259	
21	8	14	19	32	45	70	119	187	272	
22	8	15	20	33	47	73	124	196	286	
23	9	15	21	35	49	77	130	204	298	
24	9	16	22	36	51	80	136	212	311	
25	10	17	23	38	53	83	142	222	324	
26	10	17	23	39	55	87	147	230	336	
27	10	18	24	41	57	90	153	240	350	
28	11	19	25	42	59	93	159	0	0	
29	11	19	26	44	62	96	164	0	0	
30	12	20	27	45	64	100	170	0	0	
31	0	0	28	47	66	103	0	0	0	
32	0	0	29	48	68	107	0	0	0	
33	0	0	30	50	70	110	0	0	0	
34	0	0	31	51	72	113	0	0	0	
35	0	0	32	53	74	117	0	0	0	

DISCHARGE IN LPM



Example :
 Horizontal Distance X" = 20"
 Nominal Pipe Diameter D" = 2"
 Discharge = 504

FRICITION LOSS TABLE

FRICITION LOSS IN METER FOR GALVANIZED PIPE (C-100/PER MTR.)									
Flow Rate In LPM	Nominal Pipe Dia in mm/inches								
	25/1"	32/1.25"	40/1.5"	50/2"	65/2.5"	80/3"	100/4"	125/5"	150/6"
30	0.098								
60	0.362	0.1197							
75	0.532	0.1808	0.0748						
96	0.840	0.2856	0.1181	0.0287					
120	1.260	0.4314	0.1785	0.0434					
150		0.0519	0.2697	0.0656	0.0221				
192		1.0293	0.4257	0.1035	0.0349				
240			0.6133	0.1565	0.0528	0.0217			
300			0.9721	0.2362	0.0798	0.0328			
480				0.5641	0.1903	0.0783			
600				0.8523	0.2875	0.1183	0.0291		
760				1.2879	0.4345	0.1788	0.0440		
960				2.0332	0.6859	0.2823	0.0695	0.0235	
1200				3.0727	1.0365	0.4265	0.1051	0.0354	
1500					1.5662	0.6445	0.1588	0.0536	0.0220
1920					2.4728	1.0176	0.2507	0.0846	0.0348
2400						1.5376	0.3788	0.1278	0.0526
2400							0.3788	0.1278	0.0526
3000							0.5724	0.1931	0.0795
3600							0.8020	0.2705	0.1113
4800							1.3656	0.4606	0.1896
6000								0.6960	0.2864
7500								1.0518	0.4328

FRICITION LOSS IN METER FOR GALVANIZED PIPE (C-100/PER MTR.)									
Flow Rate In LPM	Nominal Pipe Dia in mm/inches								
	25/1"	32/1.25"	40/1.5"	50/2"	65/2.5"	80/3"	100/4"	125/5"	150/6"
30	0.046								
60	0.166	0.0565							
75	0.251	0.0854	0.0353						
96	0.397	0.1349	0.0558	0.0136					
120	0.599	0.2038	0.0843	0.0205					
150		0.3079	0.1274	0.0310	0.0104				
192		0.4861	0.2011	0.0489	0.0165				
240			0.3039	0.0739	0.0249	0.0103			
300			0.4591	0.1117	0.0377	0.0155			
480				0.2661	0.0899	0.0370			
600				0.4025		0.0559	0.0139		
760				0.6083	0.2052	0.0844	0.0208		
960				0.9604	0.3240	0.1333	0.0328	0.0111	
1200				1.4513	0.4895	0.2015	0.0496	0.0167	
1500					0.7397	0.3044	0.0750	0.0253	0.0104
1920					1.1679	0.4806	0.1184	0.0399	0.0164
2400						0.7262	0.1789	0.0604	0.0248
2400							0.1789	0.0604	0.0248
3000							0.2703	0.0912	0.0375
3600							0.3788	0.1278	0.0526
4800							0.6150	0.2176	0.0895
6000								0.3288	0.1353
7500								0.4968	0.2044

ADAPTABILITY.

RIGHT OPTION.



OPPORTUNITY.

WORD OF TRUST

Reg.Office:

AROW SOLUTIONS ESPAÑA SL

Avenida Aragon.40 .Esc. .Pta.3

46021. Valencia . España

T:+34.627.058.766

admin@aro-w.com

Almacen:

Pol. Ind.C/2.Nº27.

46130. Massamagrell.

Valencia . España.