

Elevato rendimento - High efficiency

**PANNELLI®**

*Italian excellence since 1906*



6" 8" 10" 12"

140 SX - 180 SX | **50Hz**  
230 SX - 270 SX

**POMPA SOMMERSA  
SEMIASSIALE INOX**

**SEMIAXIAL SUBMERSIBLE  
PUMP - INOX**



**MADE IN ITALY**



6" 8" 10" 12"

140 SX

180 SX

230 SX

270 SX

50Hz

**POMPA SOMMERSA SEMIASSIALE INOX**  
**SEMIAXIAL SUBMERSIBLE PUMP - INOX**



Casted

Pompa semiassiale in acciaio inossidabile microfuso

*Casted stainless steel semi-axial pump*

Pompe semi-axiale en acier inoxydable - coulé

*Bomba semi-axial en acero inoxidable microfundido*

Disponibile in: AISI 304 - AISI 316 - Duplex

*Available in: AISI 304 - AISI 316 - Duplex*

Disponibile en: AISI 304 - AISI 316 - Duplex

*Disponibilidad en: AISI 304 - AISI 316 - Duplex*

**PANNELLI®**

*Italian excellence since 1906*

Tolleranza alla sabbia 50 g/m<sup>3</sup> - sand tolerance 50 g/m<sup>3</sup>  
Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

# PANNELLI®

Italian excellence since 1906

## 6" 8" 10" 12"

140 SX

180 SX

230 SX

270 SX

## 50Hz

**POMPA SOMMERSA SEMIASSIALE INOX**  
**SEMIAXIAL SUBMERSIBLE PUMP - INOX**



Casted

Girante e diffusore in acciaio inossidabile AISI 304 microfuso

*Casted stainless steel impeller and diffuser AISI 304*

Roue et diffuseur en acier inoxydable -coulé AISI 304

*Rodete y difusor en acero inoxidable microfundido AISI 304*

Robustezza ineguagliabile | Rendimento ai vertici del settore 77% - 81% - massima efficienza energetica

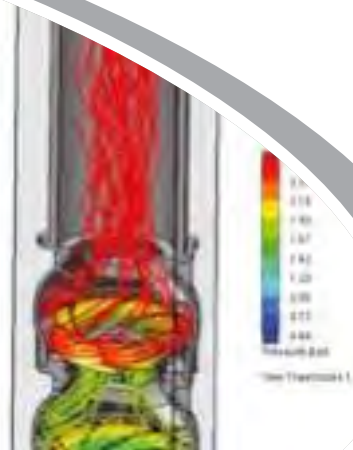
*Heavy Duty construction* | *Superior efficiency: 77% - 81 % High Energy Saving*

Durabilità | Rendement supérieur: 77% - 81% Efficacité énergétique très élevée

*Durabilidad* | *Rendimiento superior: 77% - 81% Máxima eficiencia energética*



6" - 8" - 10" - 12" SX - 3



# PANELLI®

Italian excellence since 1906

6" 8" 10" 12" 140 SX 180 SX 230 SX 270 SX | 50Hz

## POMPA SOMMERSA SEMIASSIALE INOX SEMIAXIAL SUBMERSIBLE PUMP - INOX



### ELETTROPOMPE SOMMERSE SEMIASSIALI 6"/8"/10"/12" SERIE 140/180/230/270 SX, IN ACCIAIO INOX MICROFUSO AISI 304

Le pompe sommerse semiassiali sono caratterizzate da stadi formati dal corpo diffusore incorporato e girante semi-assiale. Questo tipo di soluzione, rispetto a quella radiale, è ideale quando sono richieste a parità di diametro, medio-alte portate, con medie prevalenze. Adatte a sollevamento di acqua pulita, per approvvigionamento idrico ad uso civile ed industriale, impianti di pressurizzazione, antincendio ed irrigazione, acquedotti.

#### VANTAGGI

Progetto innovativo (L'acciaio inox AISI 304 ottenuto con il processo di microfusione permette di ottenere):

- rendimenti elevati
- notevole durata nel tempo (minore usura)
- facilità di smontaggio
- ridotta manutenzione - bassi costi di esercizio

#### MATERIALI

- Girante, diffusore, gabbia di aspirazione e corpo valvola in acciaio inox Aisi 304 microfuso
- Albero pompa in acciaio inox Aisi 304
- Anelli di usura, bronzine, guarnizione valvola in gomma NBR
- Anello di contropinta in PTFE+25% GRAFITE

#### CAMPI DI PRESTAZIONE IDRAULICHE

- Portate fino a 543 m<sup>3</sup>/h, Prevalenze fino a 470 metri, Potenze fino a 350 kW
- Massima quantità di sabbia ammessa : 50g/m<sup>3</sup>
- Massima profondità di immersione : 350 metri



### 6"/8"/10"/12" SUBMERSIBLE SEMIAXIAL PUMPS SERIES 140/180/230/270 SX, IN AISI 304 CASTED STAINLESS STEEL

Semiaxial submersible pumps thanks to the design of impellers and diffusers are suitable for mid-high capacities up to mid Head values. Suitable for clean water supply in domestic, industrial, pressure boosters, firefighting systems, irrigation and water system networks.

#### ADVANTAGES

Panelli innovative design and the most advanced micro casting technologies allow:

- High efficiency
- Longer life
- Easy assembly/ disassembly
- Low maintenance
- Low operating cost

#### MATERIALS

- Impellers, diffusers, suction cage and delivery bowl in AISI 304 casted stainless steel
- Pump shaft in AISI 304 stainless steel
- Wear rings, bearing buses, valve seal in NBR
- Counter thrust in PTFE+25% GRAFITE

#### HYDRAULIC PERFORMANCES

- Capacity up to 543 m<sup>3</sup>/h, Head up to 470 m, Power up to 350 kW
- Maximum sand tolerance : 50g/m<sup>3</sup>
- Maximum depth : 350 metres

#### MATERIAL

1) PTFE + 25 CARBON

CONTROSOSPENSIONE  
COUNTERTHRUST  
CONTRESUSPENSION

2) MATERIAL  
AISI 304

VITE  
SCREW  
VIS

3) MATERIAL  
AISI 304

DISCO  
RING



140 SX  
180 SX  
230 SX  
270 SX

Tolleranza alla sabbia 50 g/m<sup>3</sup> - sand tolerance 50 g/m<sup>3</sup>  
Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

**PANELLI®**

Italian excellence since 1906

6" 8" 10" 12" 140 SX  
180 SX  
230 SX  
270 SX**50Hz****POMPA SOMMERSA SEMIASSIALE INOX**  
**SEMIAXIAL SUBMERSIBLE PUMP - INOX****POMPES IMMERGÉES SEMIAXIALES 6"/8"/10"/12" SERIE 140/180/230/270 SX, EN ACIER INOXYDABLE AISI 304 MICROFUSION**

Les pompes immergées semiaxiales grâce au design des roues et des diffuseurs peuvent produire des débit moyens-élevés et des hauteurs moyennes. Les pompes sont conçues pour des eaux claires dans toutes applications domestiques, industrielles, systèmes de surpression, groupe incendie, irrigation et réseaux d'eau publiques.

**ADVANTAGES**

L'innovatif projet Panelli et les technologies de microfusion les plus modernes permettent d'obtenir:

- Très hautes efficacités
- Durée de vie importante
- Facilité de montage et démontage
- Manutention réduite
- Coûts d'exercice réduits

**MATERIAUX**

- Roues, diffuseurs, cage d'aspiration et refoulement en acier inoxydable AISI 304 en coulé
- Axe de la pompe en acier inoxydable AISI 304
- Bagues d'usure, bagues, anneau du clapet en caoutchouc NBR
- Contresuspension en PTFE+25% GRAFITE

**PERFORMANCES HYDRAULIQUES**

Débit jusqu'à 543 m<sup>3</sup>/h, Hauteur jusqu'à 470 m, Puissance jusqu'à 350 kW

Tolérance de sable maximum : 50 g/m<sup>3</sup>

Profondité maximum d'immersion : 350 mètres

**BOMBAS SUMERGIBLES SEMIAXIALES 6"/8"/10"/12" SERIE 140/180/230/270 SX, EN ACERO INOXIDABLE AISI 304 MICROFUNDIDO**

Las bombas sumergibles semiaxiales gracias al diseño de los impulsores y de los cuerpos se adaptan a caudales medio-elevados y alturas media. Concebidas para el bombeo de aguas limpias en aplicaciones civiles e industriales para el suministro de agua a nivel doméstico, industrial, en grupos de presión, sistemas contra incendio, riego y sistemas de agua pública.

**VENTAJAS**

El diseño innovativo Panelli y las tecnologías de microfusión más modernas garantizan:

- Eficacias elevadas
- Durada de vida muy importante
- Facilidad de montaje y desmontaje
- Manutención mínima
- Costos de utilización muy limitados

**MATERIALES**

- Impulsores, difusores, caja de aspiración e impulsión en acero inoxidable AISI 304 microfundido
- Eje de bomba en acero inoxidable AISI 304
- Anillos de desgaste, buje y anillo válvula en goma NBR
- Contrasuspensión en PTFE+25% GRAFITE

**PRESTACIONES HIDRAULICAS**

Caudales hasta 543 m<sup>3</sup>/h, Altura manométrica hasta 470 m, Potencia hasta 350 kW

Cantidad máx de arena contenida en el agua: 50g/m<sup>3</sup>, Sumergencia máx: 350 metros



Tolleranza alla sabbia 50 g/m<sup>3</sup> - sand tolerance 50 g/m<sup>3</sup>

Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

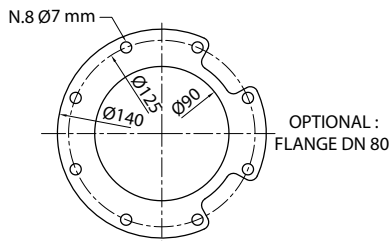
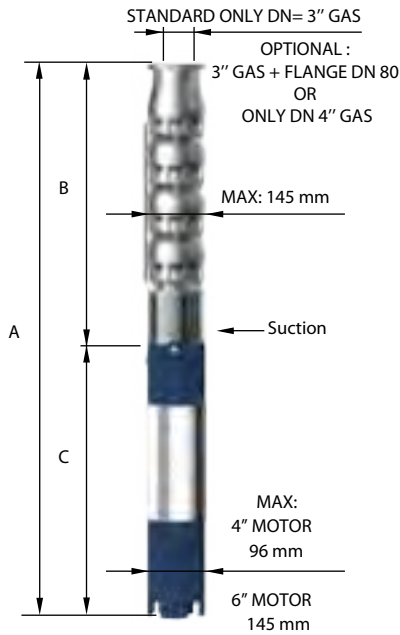
**CARATTERISTICHE IDRAULICHE - HYDRAULIC PERFORMANCES**

Q= Portata - Capacity - Debit **50 Hz n= 2900 min**

Tipo Type	Power		H(m)	0	300	400	500	600	700	800		
	kW	HP		l/min	l/sec	m <sup>3</sup> /h	l/min	l/sec	m <sup>3</sup> /h	l/min	l/sec	m <sup>3</sup> /h
				0	5	6,67	8,33	10	11,67	13,33		
140 SX 34/03	4	5,5	43	38	36	34	31	26	20			
140 SX 34/04	5,50	7,5	57	51	48	45	41	35	27			
140 SX 34/05	7,50	10	72	64	60	57	51	44	34			
140 SX 34/06	9,20	12,5	86	76	72	68	61	52	41			
140 SX 34/07	9,20	12,5	100	89	84	79	71	61	48			
140 SX 34/08	11	15	114	102	96	90	82	70	54			
140 SX 34/09	13	17,5	129	114	108	102	92	78	61			
140 SX 34/10	15	20	143	127	120	113	102	87	68			
140 SX 34/11	15	20	157	140	132	124	112	96	75			
140 SX 34/12	18,50	25	172	152	144	136	122	104	82			
140 SX 34/13	18,50	25	186	165	156	147	133	113	88			
140 SX 34/14	22	30	200	178	168	158	143	122	95			

**DIMENSIONI D'INGOMBRO E PESI - OVERALL DIMENSIONS AND WEIGHTS**

Type	A mm Tri V 400	B mm	C mm Tri	M Kg Tri	P Kg
140 SX 34/03	1193	596	597	22	16
140 SX 34/04	1395	697	698	27	20
140 SX 34/05	1616	798	818	32	23
140 SX 34/06	1650	899	751	60	27
140 SX 34/07	1751	1000	751	60	30
140 SX 34/08	1912	1101	811	65	33
140 SX 34/09	2043	1202	841	70	37
140 SX 34/10	2234	1303	931	75	40
140 SX 34/11	2335	1404	931	75	44
140 SX 34/12	2496	1505	991	83	47
140 SX 34/13	2597	1606	991	83	51
140 SX 34/14	2778	1707	1071	92	54



FOR COMMERCIAL TUBE  
EXTERNAL DIAMETER: 88,9 mm

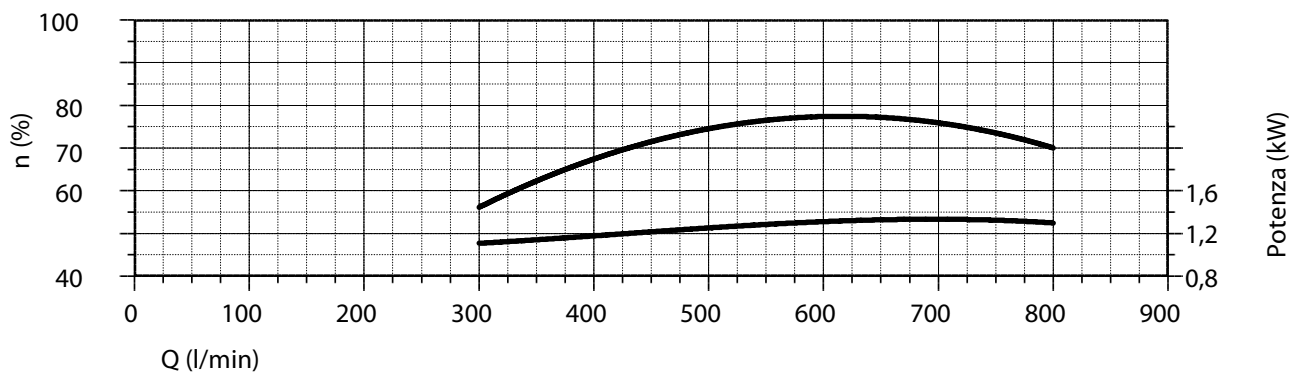
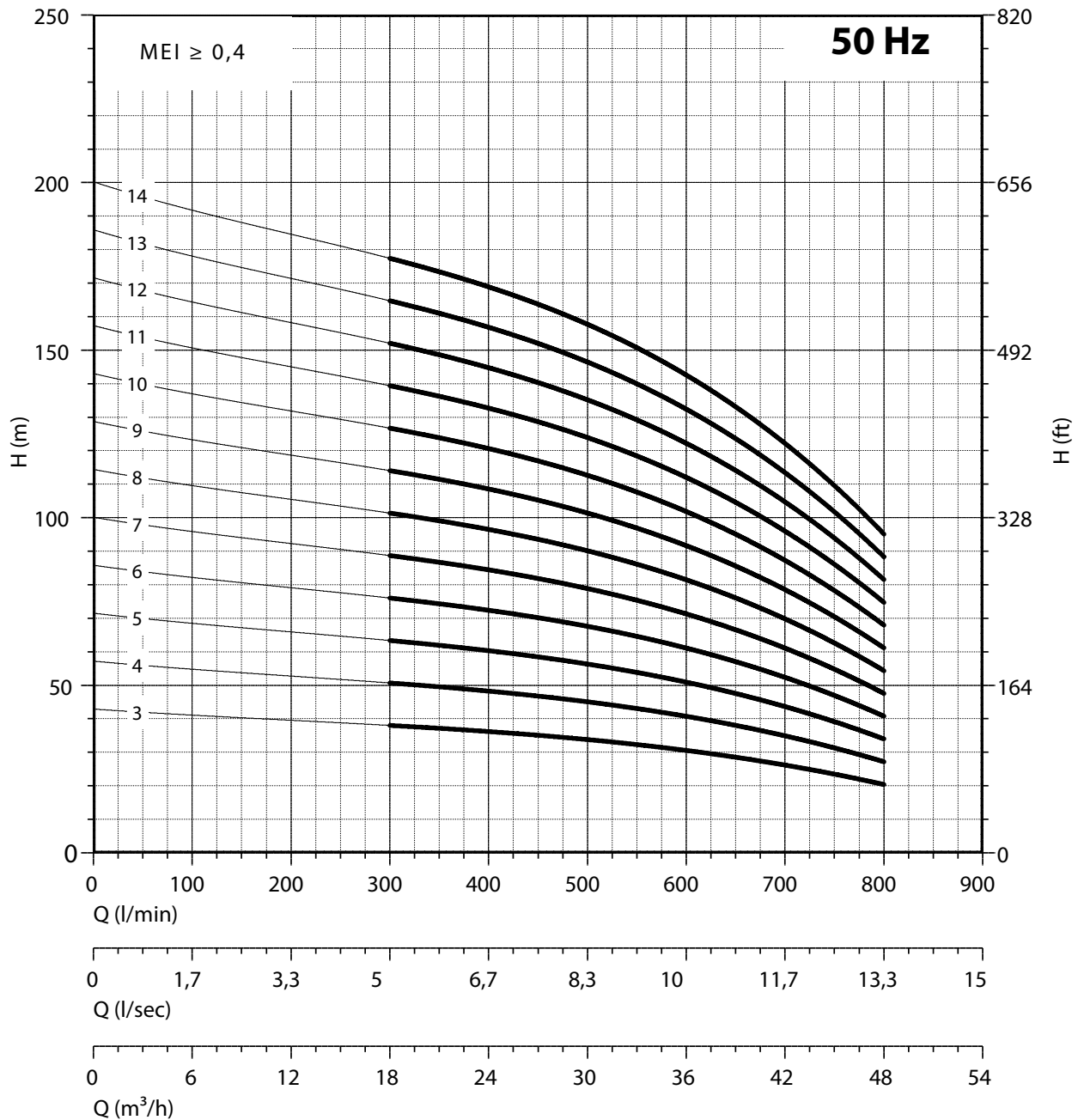
n% = Rendimento della pompa  
n% = Rendement de la pompe  
n% = Pump efficiency  
n% = Rendimiento de la bomba

**Max  
76%**

kW/st = Assorbimento per stadio  
kW/st = Absorption par étage  
kW/st = Stage absorption  
kW/st = Potencia absorbida por etapa

**Max  
1,33**

Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B



NPSH (m)	25%	50%	75%	100%
140 SX 34	3,4	3,4	3,8	8

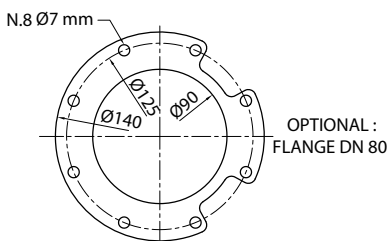
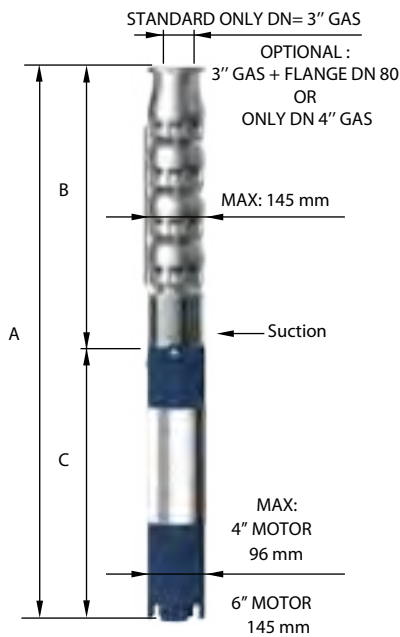
**CARATTERISTICHE IDRAULICHE - HYDRAULIC PERFORMANCES**

Q= Portata - Capacity - Debit **50 Hz n= 2900 min**

Tipo Type	Power		H(m)	0	300	400	500	600	700	800
	kW	HP		l/min	l/sec	l/sec	l/sec	l/sec	l/sec	l/sec
				m <sup>3</sup> /h	m <sup>3</sup> /h	m <sup>3</sup> /h	m <sup>3</sup> /h	m <sup>3</sup> /h	m <sup>3</sup> /h	
140 SX 34/15	22	30	H(m)	215	191	180	170	153	131	102
140 SX 34/16	22	30		229	203	192	181	163	139	109
140 SX 34/17	26	35		243	216	204	192	173	148	116
140 SX 34/18	26	35		257	229	216	203	184	157	122
140 SX 34/19	26	35		272	241	228	215	194	165	129
140 SX 34/20	30	40		286	254	240	226	204	174	136
140 SX 34/21	30	40		300	267	252	237	214	183	143
140 SX 34/22	30	40		315	279	264	249	224	191	150
140 SX 34/23	37	50		329	292	276	260	235	200	156
140 SX 34/24	37	50		343	305	288	271	245	209	163
140 SX 34/25	37	50		358	318	300	283	255	217	170
140 SX 34/26	37	50		372	330	312	294	265	226	177
140 SX 34/27	37	50		386	343	324	305	275	235	184

**DIMENSIONI D'INGOMBRO E PESI - OVERALL DIMENSIONS AND WEIGHTS**

Type	A mm Tri V 400	B mm	C mm Tri	M Kg Tri	P Kg
140 SX 34/15	2879	1808	1071	92	58
140 SX 34/16	2980	1909	1071	92	61
140 SX 34/17	3191	2010	1181	100	64
140 SX 34/18	3292	2111	1181	100	68
140 SX 34/19	3393	2212	1181	100	71
140 SX 34/20	3564	2313	1251	108	75
140 SX 34/21	3665	2414	1251	108	78
140 SX 34/22	3766	2515	1251	108	82
140 SX 34/23	3957	2616	1341	118	85
140 SX 34/24	4058	2717	1341	118	89
140 SX 34/25	4159	2818	1341	118	92
140 SX 34/26	4260	2919	1341	118	96
140 SX 34/27	4361	3020	1341	118	99



FOR COMMERCIAL TUBE  
EXTERNAL DIAMETER: 88,9 mm

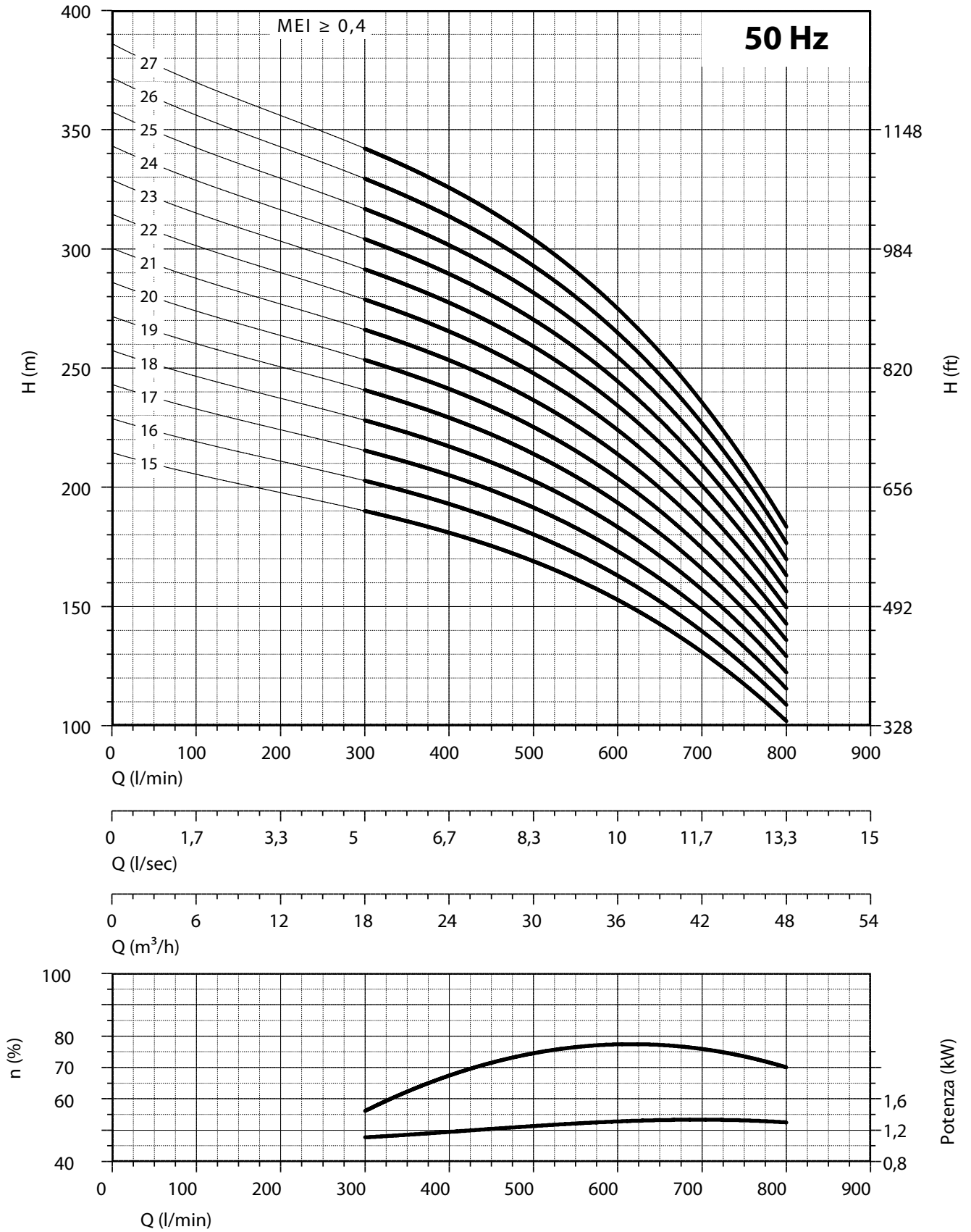
n% = Rendimento della pompa  
n% = Rendement de la pompe  
n% = Pump efficiency  
n% = Rendimiento de la bomba

**Max  
76%**

kW/st = Assorbimento per stadio  
kW/st = Absorption par étage  
kW/st = Stage absorption  
kW/st = Potencia absorbida por etapa

**Max  
1,33**

Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B



NPSH (m)	25%	50%	75%	100%
140 SX 34	3,4	3,4	3,8	8

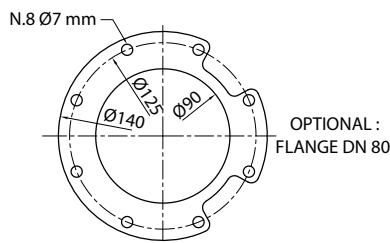
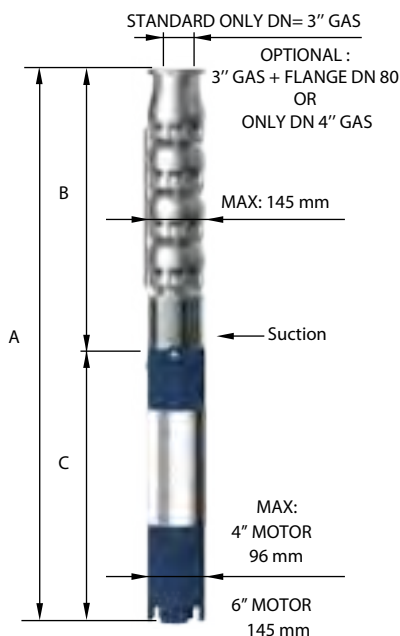
**CARATTERISTICHE IDRAULICHE - HYDRAULIC PERFORMANCES**

Q= Portata - Capacity - Debit **50 Hz n= 2900 min**

Tipo Type	Power		H(m)	0	400	500	600	700	800	900	1000
	kW	HP		l/min	l/sec	l/sec	l/sec	l/sec	l/sec	l/sec	l/sec
				m <sup>3</sup> /h	m <sup>3</sup> /h	m <sup>3</sup> /h	m <sup>3</sup> /h	m <sup>3</sup> /h	m <sup>3</sup> /h	m <sup>3</sup> /h	m <sup>3</sup> /h
140 SX 44/04	5,50	7,5		56	46	44	42	39	35	30	26
140 SX 44/05	7,50	10		70	57	56	53	49	44	37	32
140 SX 44/06	9,20	12,5		84	68	67	64	59	53	44	38
140 SX 44/07	11	15		98	80	78	74	69	62	52	45
140 SX 44/08	13	17,5		112	91	89	85	78	70	59	51
140 SX 44/09	13	17,5		126	103	100	95	88	79	67	58
140 SX 44/10	15	20		140	114	111	106	98	88	74	64
140 SX 44/11	18,50	25		154	125	122	117	108	97	81	70
140 SX 44/12	18,50	25		168	137	133	127	118	106	89	77
140 SX 44/13	22	30		182	148	144	138	127	114	96	83
140 SX 44/14	22	30		196	160	155	283	137	123	104	90

**DIMENSIONI D'INGOMBRO E PESI - OVERALL DIMENSIONS AND WEIGHTS**

Type	A mm Tri V 400	B mm	C mm Tri	M Kg Tri	P Kg
140 SX 44/04	1395	697	698	27	20
140 SX 44/05	1616	798	818	32	23
140 SX 44/06	1650	899	751	60	27
140 SX 44/07	1811	1000	811	65	30
140 SX 44/08	1942	1101	841	70	33
140 SX 44/09	2043	1202	841	70	37
140 SX 44/10	2234	1303	931	75	40
140 SX 44/11	2395	1404	991	83	44
140 SX 44/12	2496	1505	991	83	47
140 SX 44/13	2677	1606	1071	92	51
140 SX 44/14	2778	1707	1071	92	54



FOR COMMERCIAL TUBE  
EXTERNAL DIAMETER: 88,9 mm

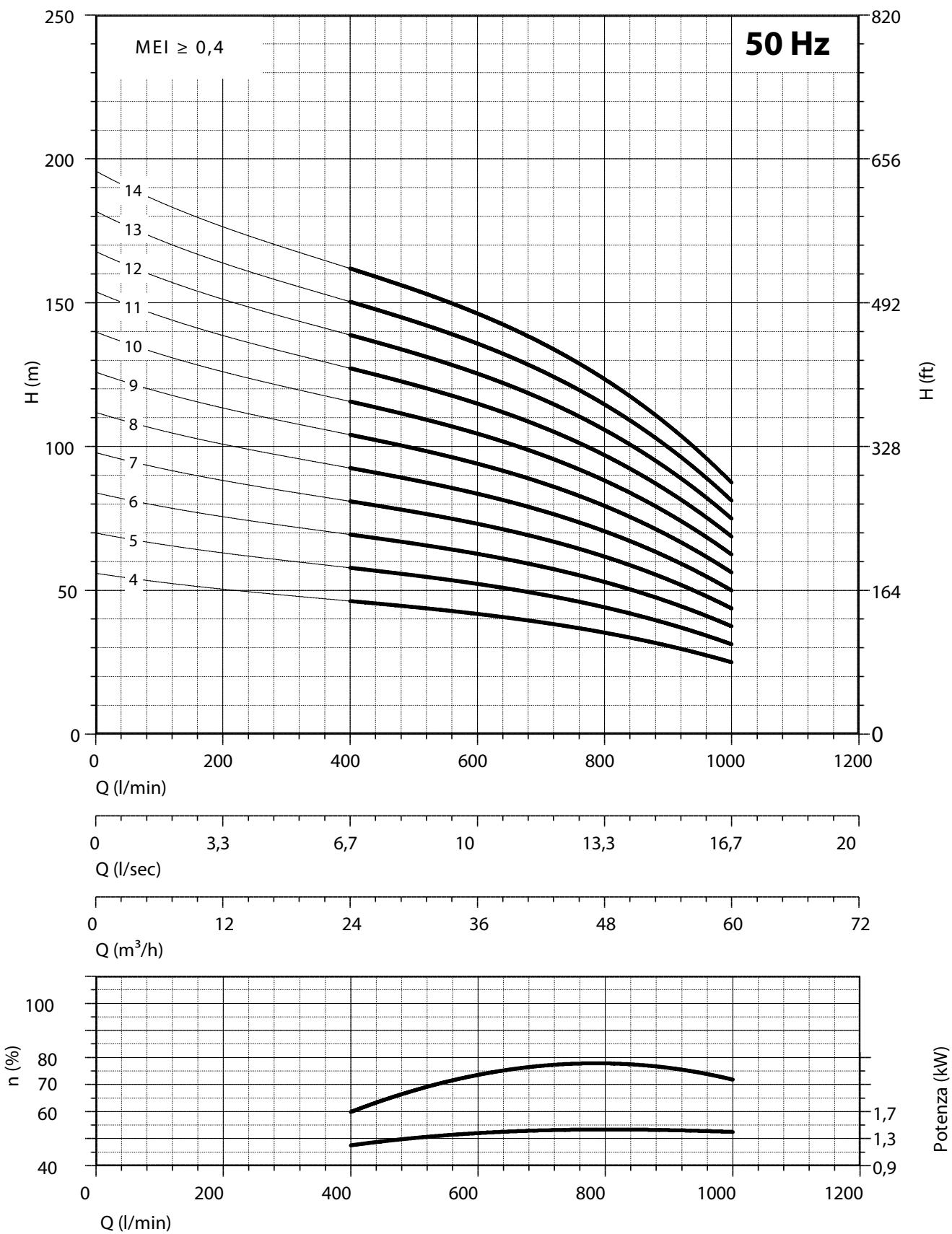
n% = Rendimento della pompa  
n% = Rendement de la pompe  
n% = Pump efficiency  
n% = Rendimiento de la bomba

**Max  
78,5%**

kW/st = Assorbimento per stadio  
kW/st = Absorption par étage  
kW/st = Stage absorption  
kW/st = Potencia absorbida por etapa

**Max  
1,44**

Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B



NPSH (m)	25%	50%	75%	100%
140 SX 44	3,45	3,5	3,8	5

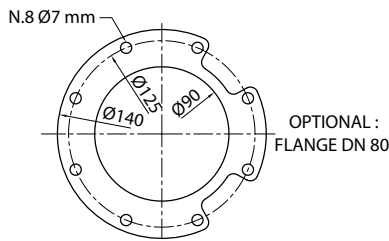
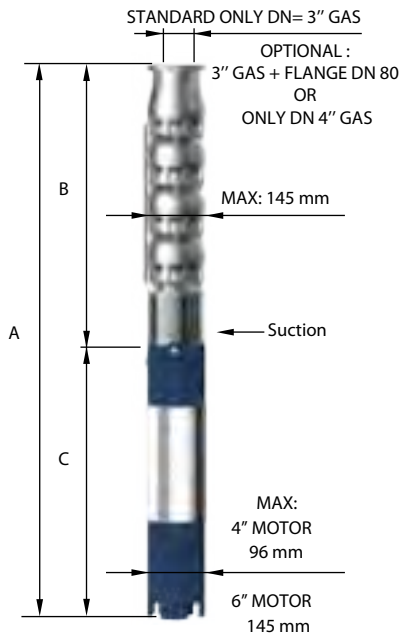
**CARATTERISTICHE IDRAULICHE - HYDRAULIC PERFORMANCES**

Q= Portata - Capacity - Debit **50 Hz n= 2900 min**

Tipo Type	Power		H(m)	0	400	500	600	700	800	900	1000	
	kW	HP		l/min	l/sec	m <sup>3</sup> /h	l/min	l/sec	m <sup>3</sup> /h	l/min	l/sec	m <sup>3</sup> /h
				0	6,67	8,33	10	11,67	13,33	15	16,67	
140 SX 44/15	22	30	210	171	167	159	147	132	111	96		
140 SX 44/16	26	35	224	182	178	170	157	141	118	102		
140 SX 44/17	26	35	238	194	189	180	167	150	126	109		
140 SX 44/18	26	35	252	205	200	191	176	158	133	115		
140 SX 44/19	30	40	266	217	211	201	186	167	141	122		
140 SX 44/20	30	40	280	228	222	212	196	176	148	128		
140 SX 44/21	37	50	294	239	233	223	206	185	155	134		
140 SX 44/22	37	50	308	251	244	233	216	194	163	141		
140 SX 44/23	37	50	322	262	255	244	225	202	170	147		
140 SX 44/24	37	50	336	274	266	254	235	211	178	154		
140 SX 44/25	37	50	350	285	278	265	245	220	185	160		

**DIMENSIONI D'INGOMBRO E PESI - OVERALL DIMENSIONS AND WEIGHTS**

Type	A mm Tri V 400	B mm	C mm Tri	M Kg Tri	P Kg
140 SX 44/15	2879	1808	1071	92	58
140 SX 44/16	3090	1909	1181	100	61
140 SX 44/17	3191	2010	1181	100	64
140 SX 44/18	3362	2111	1251	108	68
140 SX 44/19	3463	2212	1251	108	71
140 SX 44/20	3654	2313	1341	118	75
140 SX 44/21	3755	2414	1341	118	78
140 SX 44/22	3856	2515	1341	118	82
140 SX 44/23	3957	2616	1341	118	85
140 SX 44/24	4058	2717	1341	118	89
140 SX 44/25	4159	2818	1341	118	92



FOR COMMERCIAL TUBE  
EXTERNAL DIAMETER: 88,9 mm

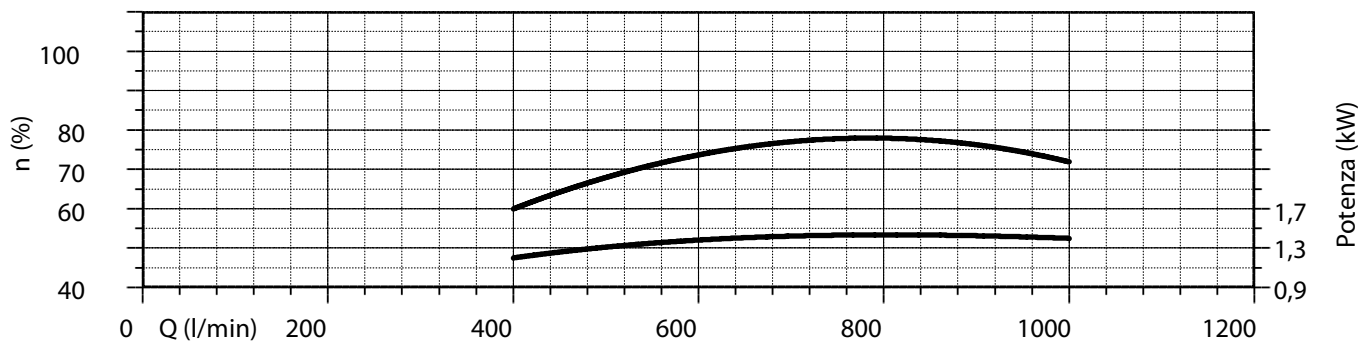
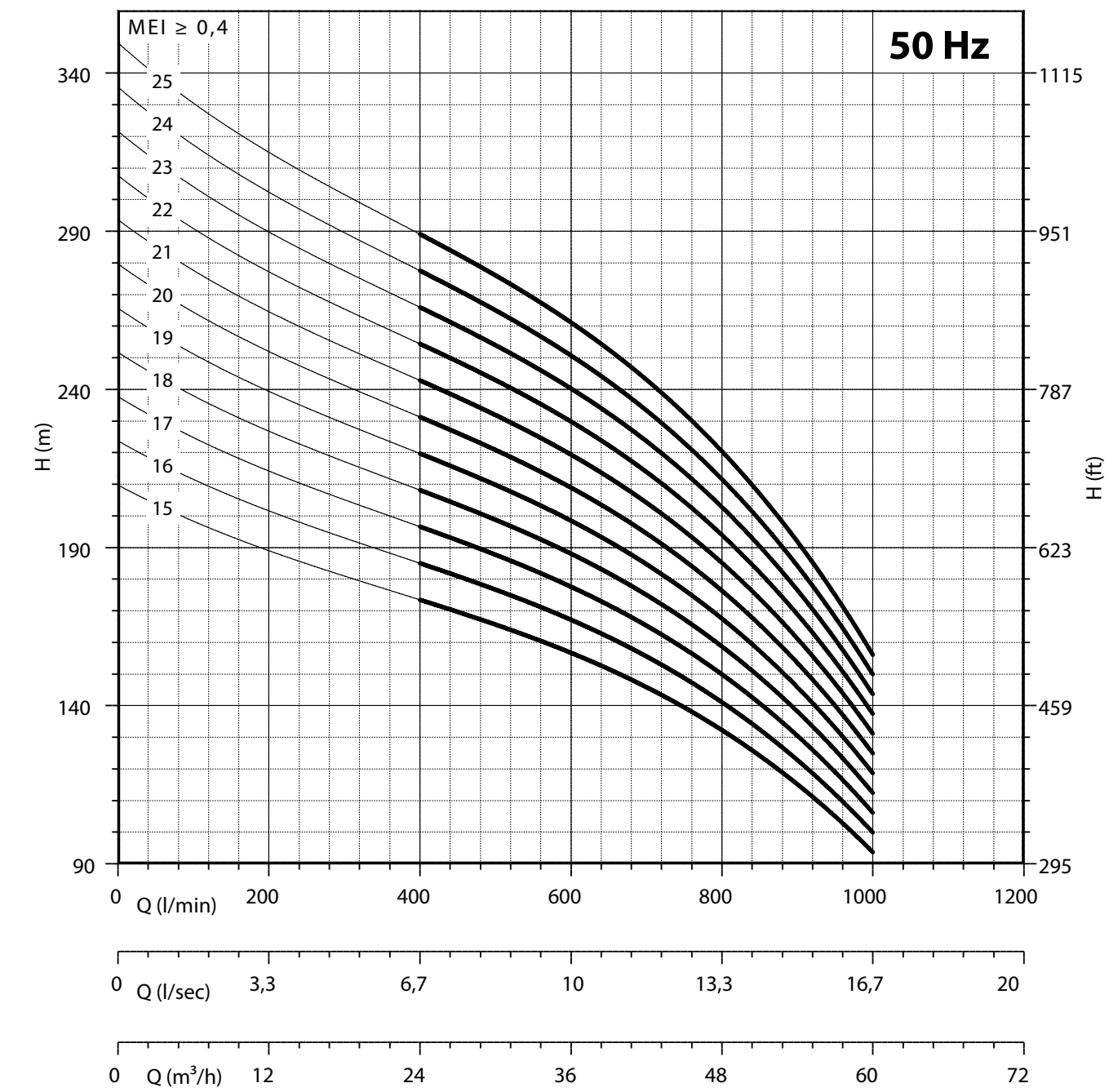
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**Max  
78,5%**

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kW/st = Absorption par étage  
kW/st = Stage absorption  
kW/st = Potencia absorbida por etapa

**Max  
1,44**

Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B



NPSH (m)	25%	50%	75%	100%
140 SX 44	3,45	3,5	3,8	5

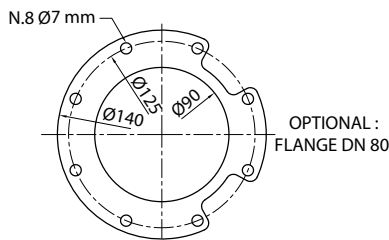
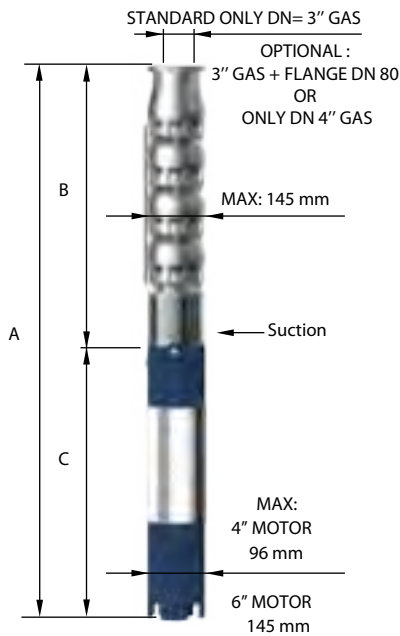
**CARATTERISTICHE IDRAULICHE - HYDRAULIC PERFORMANCES**

Q= Portata - Capacity - Debit **50 Hz n= 2900 min**

Tipo Type	Power		H(m)	0	600	700	800	900	1000	1100	1200			
	kW	HP		l/min	l/sec	m <sup>3</sup> /h	0	10	11,67	13,33	15	16,67	18,33	20
				0	36	42	48	54	60	66	72			
140 SX 54/03	5,50	7,5	41	31	29	27	26	23	21	18				
140 SX 54/04	7,50	10	55	41	38	36	34	31	28	24				
140 SX 54/05	9,20	12,5	69	52	48	46	43	39	35	30				
140 SX 54/06	11	15	82	62	58	55	51	47	41	36				
140 SX 54/07	13	17,5	96	72	67	64	60	55	48	42				
140 SX 54/08	13	17,5	110	82	77	73	68	62	55	48				
140 SX 54/09	15	20	123	93	86	82	77	70	62	54				
140 SX 54/10	18,50	25	137	103	96	91	85	78	69	60				
140 SX 54/11	18,50	25	151	113	106	100	94	86	76	66				
140 SX 54/12	22	30	164	124	115	109	102	94	83	72				

**DIMENSIONI D'INGOMBRO E PESI - OVERALL DIMENSIONS AND WEIGHTS**

Type	A mm Tri V 400	B mm	C mm Tri	M Kg Tri	P Kg
140 SX 54/03	1312	614	698	27	19
140 SX 54/04	1539	721	818	32	22
140 SX 54/05	1579	828	751	60	26
140 SX 54/06	1746	935	811	65	29
140 SX 54/07	1883	1042	841	70	32
140 SX 54/08	1990	1149	841	70	35
140 SX 54/09	2187	1256	931	75	38
140 SX 54/10	2354	1363	991	83	41
140 SX 54/11	2461	1470	991	83	45
140 SX 54/12	2648	1577	1071	92	49



FOR COMMERCIAL TUBE  
EXTERNAL DIAMETER: 88,9 mm

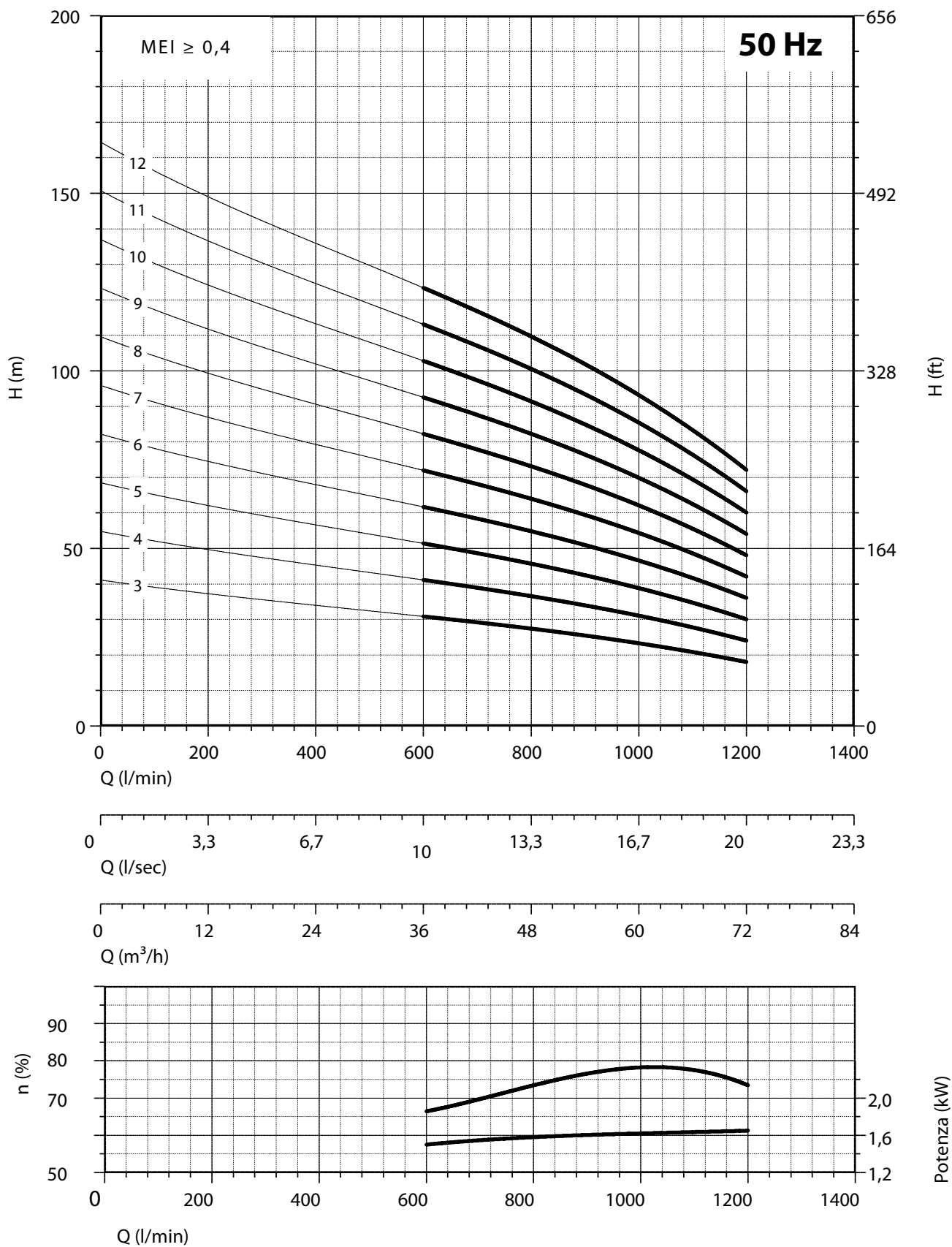
n% = Rendimento della pompa  
n% = Rendement de la pompe  
n% = Pump efficiency  
n% = Rendimiento de la bomba

**Max  
77%**

kW/st = Assorbimento per stadio  
kW/st = Absorption par étage  
kW/st = Stage absorption  
kW/st = Potencia absorbida por etapa

**Max  
1,65**

Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B



NPSH (m)	25%	50%	75%	100%
140 SX 54	3,8	3,8	5,1	7,1

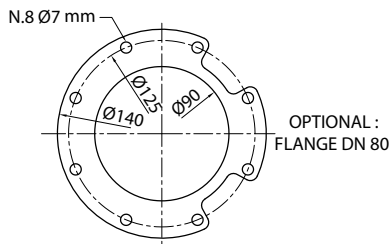
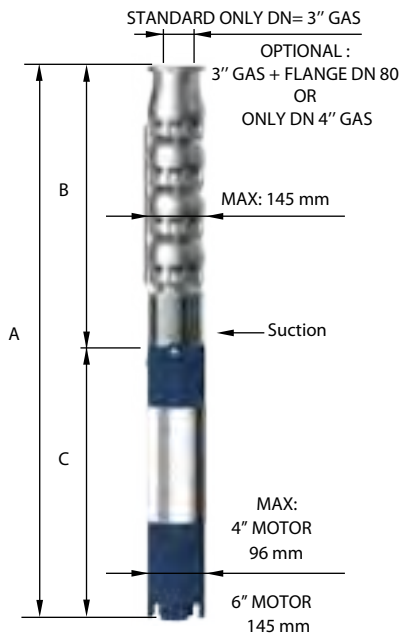
**CARATTERISTICHE IDRAULICHE - HYDRAULIC PERFORMANCES**

Q= Portata - Capacity - Debit **50 Hz n= 2900 min**

Tipo Type	Power		H(m)	l/min	0	600	700	800	900	1000	1100	1200
	kW	HP		l/sec	0	10	11,67	13,33	15	16,67	18,33	20
				m <sup>3</sup> /h	0	36	42	48	54	60	66	72
140 SX 54/13	22	30		178	134	125	118	111	101	90	78	
140 SX 54/14	26	35		192	144	134	127	119	109	97	84	
140 SX 54/15	26	35		206	155	144	137	128	117	104	90	
140 SX 54/16	26	35		219	165	154	146	136	125	110	96	
140 SX 54/17	30	40		233	175	163	155	145	133	117	102	
140 SX 54/18	30	40		247	185	173	164	153	140	124	108	
140 SX 54/19	37	50		260	196	182	173	162	148	131	114	
140 SX 54/20	37	50		274	206	192	182	170	156	138	120	
140 SX 54/21	37	50		288	216	202	191	179	164	145	126	
140 SX 54/22	37	50		301	227	211	200	187	172	152	132	

**DIMENSIONI D'INGOMBRO E PESI - OVERALL DIMENSIONS AND WEIGHTS**

Type	A mm Tri V 400	B mm	C mm Tri	M Kg Tri	P Kg
140 SX 54/13	2755	1684	1071	92	53
140 SX 54/14	2972	1791	1181	100	56
140 SX 54/15	3079	1898	1181	100	59
140 SX 54/16	3186	2005	1181	100	61
140 SX 54/17	3363	2112	1251	108	64
140 SX 54/18	3470	2219	1251	108	67
140 SX 54/19	3667	2326	1341	118	70
140 SX 54/20	3774	2433	1341	118	74
140 SX 54/21	3881	2540	1341	118	77
140 SX 54/22	3988	2647	1341	118	82



FOR COMMERCIAL TUBE  
EXTERNAL DIAMETER: 88,9 mm

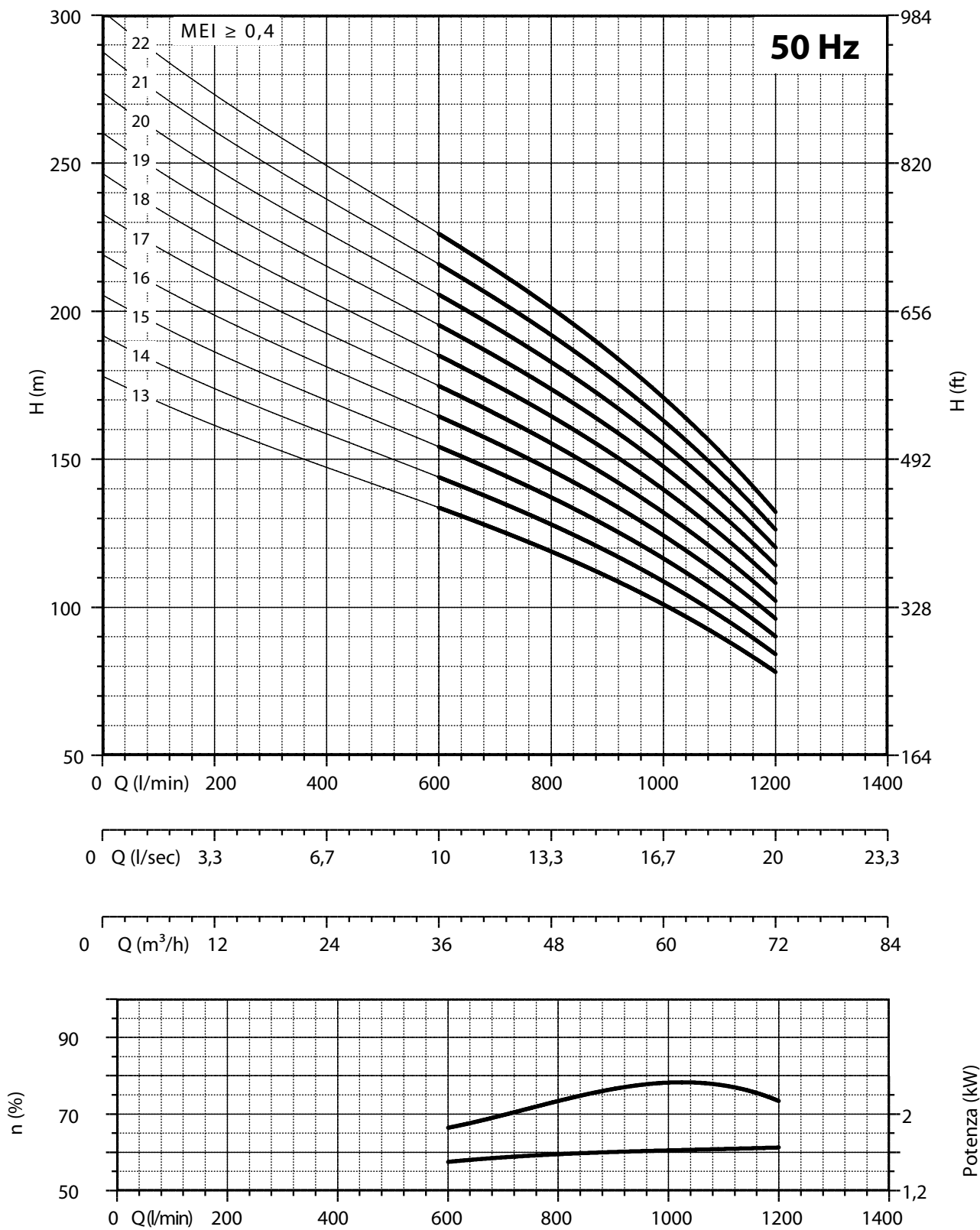
n% = Rendimento della pompa  
n% = Rendement de la pompe  
n% = Pump efficiency  
n% = Rendimiento de la bomba

**Max  
77%**

kW/st = Assorbimento per stadio  
kW/st = Absorption par étage  
kW/st = Stage absorption  
kW/st = Potencia absorbida por etapa

**Max  
1,65**

Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B



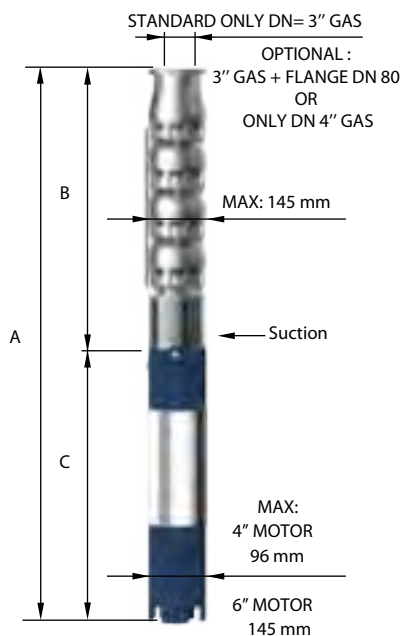
NPSH (m)	25%	50%	75%	100%
140 SX 54	3,8	3,8	7,1	5,1

### CARATTERISTICHE IDRAULICHE - HYDRAULIC PERFORMANCES

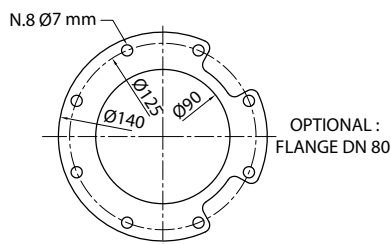
Q= Portata - Capacity - Debit **50 Hz n= 2900 min**

Tipo Type	Power		H(m)	0	700	800	900	1000	1100	1200	1300	1400	1500		
	kW	HP		l/min	l/sec	m <sup>3</sup> /h	l/min	l/sec	m <sup>3</sup> /h	l/min	l/sec	m <sup>3</sup> /h	l/min	l/sec	m <sup>3</sup> /h
				0	11,67	13,33	15	16,67	18,33	20	21,67	23,33	25		
140 SX 64/01	2,20	3	13	10	9,9	9,6	9,3	9	8,6	8	7	6			
140 SX 64/02	4	5,5	26	21	20	19,5	19	18	17	15	13	11			
140 SX 64/03	7,50	10	39	31	30	29	28	27	26	23	20	17			
140 SX 64/04	9,20	12,5	52	41	40	38	37	36	34	31	27	23			
140 SX 64/05	11	15	66	52	50	48	47	45	43	38	33	28			
140 SX 64/06	13	17,5	79	62	59	57	56	55	51	46	40	34			
140 SX 64/07	15	20	92	73	69	67	66	64	60	53	46	39			
140 SX 64/08	18,50	25	105	83	79	76	75	73	68	61	53	45			
140 SX 64/09	22	30	118	93	89	86	84	82	77	69	60	51			
140 SX 64/10	22	30	131	104	99	95	94	91	85	76	66	56			
140 SX 64/11	26	35	144	114	109	105	103	100	94	84	73	62			
140 SX 64/12	26	35	157	124	119	114	112	109	102	92	80	68			
140 SX 64/13	30	40	170	135	129	124	122	118	111	99	86	73			
140 SX 64/14	30	40	183	145	139	134	131	127	120	107	93	79			
140 SX 64/15	37	50	197	155	149	143	140	136	128	114	99	84			
140 SX 64/16	37	50	210	166	158	153	150	145	137	122	106	90			
140 SX 64/17	37	50	223	176	168	162	159	155	145	130	113	96			
140 SX 64/18	37	50	236	186	178	172	168	164	154	137	119	101			

### DIMENSIONI D'INGOMBRO E PESI - OVERALL DIMENSIONS AND WEIGHTS



Type	A mm Tri V 400	B mm	C mm Tri	M Kg Tri	P Kg
140 SX 64/01	853	400	452	15	12
140 SX 64/02	1104	507	597	22	15
140 SX 64/03	1432	614	818	32	19
140 SX 64/04	1472	721	751	60	23
140 SX 64/05	1639	828	811	65	27
140 SX 64/06	1776	935	841	70	32
140 SX 64/07	1973	1042	931	75	36
140 SX 64/08	2140	1149	991	83	40
140 SX 64/09	2327	1256	1071	92	44
140 SX 64/10	2434	1363	1071	92	48
140 SX 64/11	2651	1470	1181	100	53
140 SX 64/12	2758	1577	1181	100	57
140 SX 64/13	2935	1684	1251	108	61
140 SX 64/14	3042	1791	1251	108	65
140 SX 64/15	3239	1898	1341	118	70
140 SX 64/16	3346	2005	1341	118	75
140 SX 64/17	3453	2112	1341	118	80
140 SX 64/18	3560	2219	1341	118	85



FOR COMMERCIAL TUBE  
EXTERNAL DIAMETER: 88,9 mm

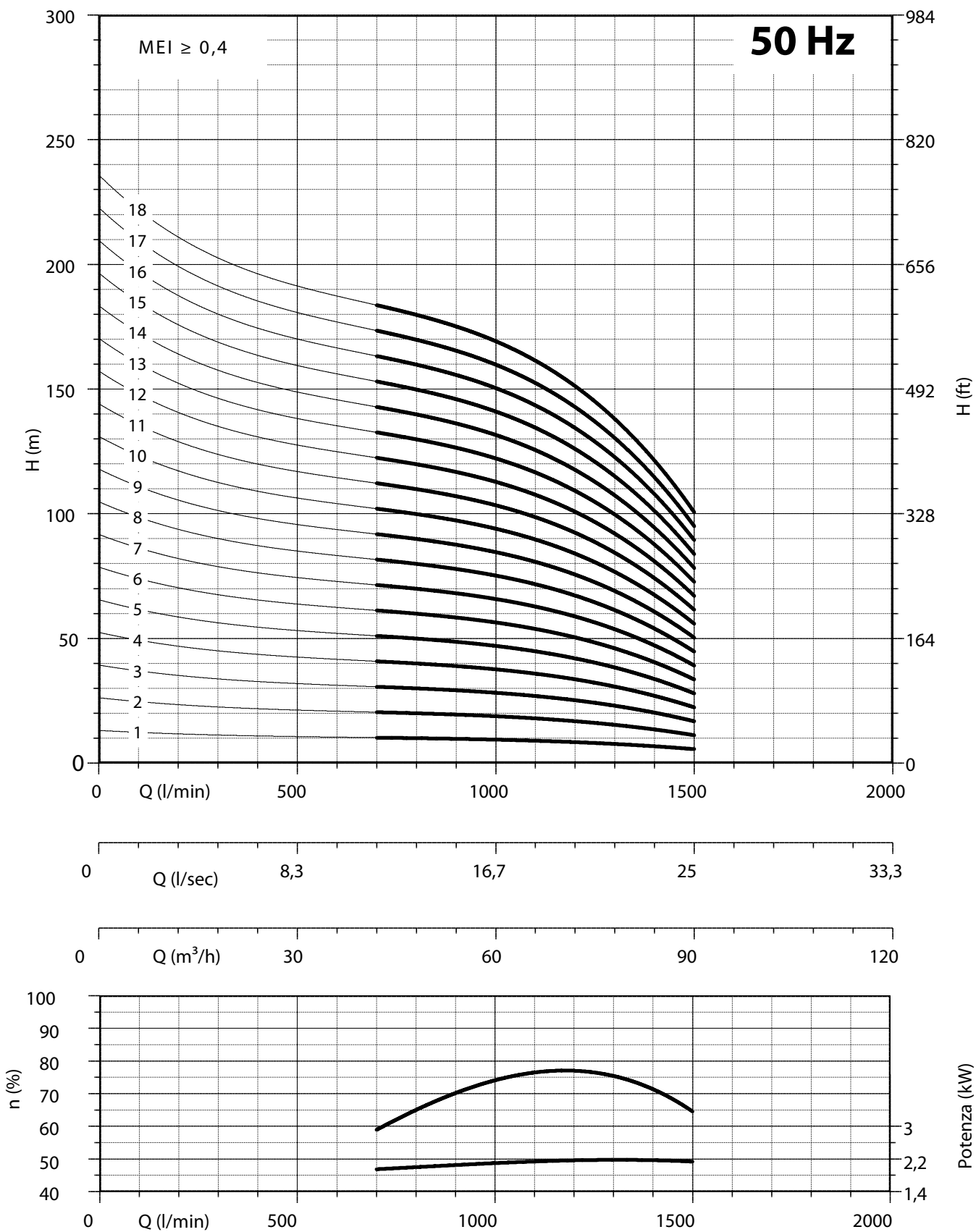
n% = Rendimento della pompa  
n% = Rendement de la pompe  
n% = Pump efficiency  
n% = Rendimiento de la bomba

**Max  
76%**

kW/st = Assorbimento per stadio  
kW/st = Absorption par étage  
kW/st = Stage absorption  
kW/st = Potencia absorbida por etapa

**Max  
2,18**

Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B



NPSH (m)	25%	50%	75%	100%
140 SX 64	3,8	3,8	5,1	7,1

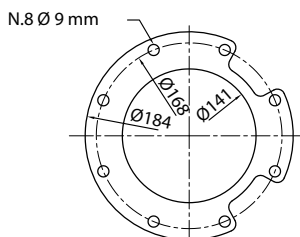
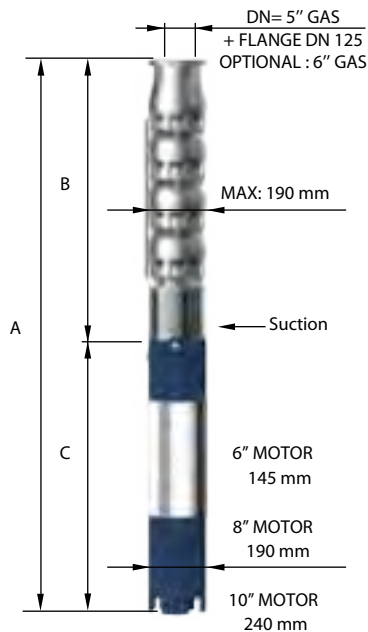
**CARATTERISTICHE IDRAULICHE - HYDRAULIC PERFORMANCES**

Q= Portata - Capacity - Debit **50 Hz n= 2900 min**

Tipo Type	Power		H(m)	l/min	0	600	800	1000	1200	1400	1600
	kW	HP		l/sec	0	10	13,33	16,67	20	23,33	26,67
				m <sup>3</sup> /h	0	36	48	60	72	84	96
180 SX 78 /01	7,50	10	27	24	23	22	20	18	15		
180 SX 78 /02	11	15	54	49	47	44	40	35	30		
180 SX 78 /03	18,50	25	81	73	70	65	60	53	44		
180 SX 78 /04	26	35	108	97	93	87	80	70	59		
180 SX 78 /05	30	40	135	121	116	109	100	88	74		
180 SX 78 /06	37	50	162	146	140	131	120	105	89		
180 SX 78 /07	44	60	189	170	163	152	140	123	103		
180 SX 78 /08	55	75	216	194	186	174	160	140	118		
180 SX 78 /09	55	75	243	218	209	196	180	158	133		
180 SX 78 /10	66	90	270	243	233	218	200	175	148		
180 SX 78 /11	66	90	297	267	256	239	220	193	162		
180 SX 78 /12	75	100	324	291	279	261	240	210	177		
180 SX 78 /13	75	100	351	315	302	283	260	228	192		
180 SX 78 /14	92	125	378	340	326	305	280	245	207		
180 SX 78 /15	92	125	405	364	349	326	300	263	221		
180 SX 78 /16	92	125	432	388	372	348	320	280	236		
180 SX 78 /17	110	150	459	412	395	370	340	298	251		
180 SX 78 /18	110	150	486	437	419	392	360	315	266		
180 SX 78 /19	110	150	513	461	442	413	380	333	280		

**DIMENSIONI D'INGOMBRO E PESI - OVERALL DIMENSIONS AND WEIGHTS**

Type	A mm Tri V 400	B mm	C mm Tri	M Kg Tri	P Kg
180 SX 78 /01	1226	525	701	55	19
180 SX 78 /02	1461	650	811	65	26
180 SX 78 /03	1766	775	991	83	32
180 SX 78 /04	2081	900	1181	100	39
180 SX 78 /05	2276	1025	1251	108	45
180 SX 78 /06	2491	1150	1341	118	52
180 SX 78 /07	2398	1275	1123	178	58
180 SX 78 /08	2633	1400	1233	200	65
180 SX 78 /09	2758	1525	1233	200	71
180 SX 78 /10	2953	1650	1303	214	78
180 SX 78 /11	3078	1775	1303	214	84
180 SX 78 /12	3283	1900	1383	230	91
180 SX 78 /13	3408	2025	1383	230	97
180 SX 78 /14	3733	2150	1583	270	104
180 SX 78 /15	3858	2275	1583	270	110
180 SX 78 /16	3983	2400	1583	270	117
180 SX 78 /17	4258	2525	1733	300	123
180 SX 78 /18	4383	2650	1733	300	130
180 SX 78 /19	4508	2775	1733	300	136



FOR COMMERCIAL TUBE  
EXTERNAL DIAMETER: 139,7 mm

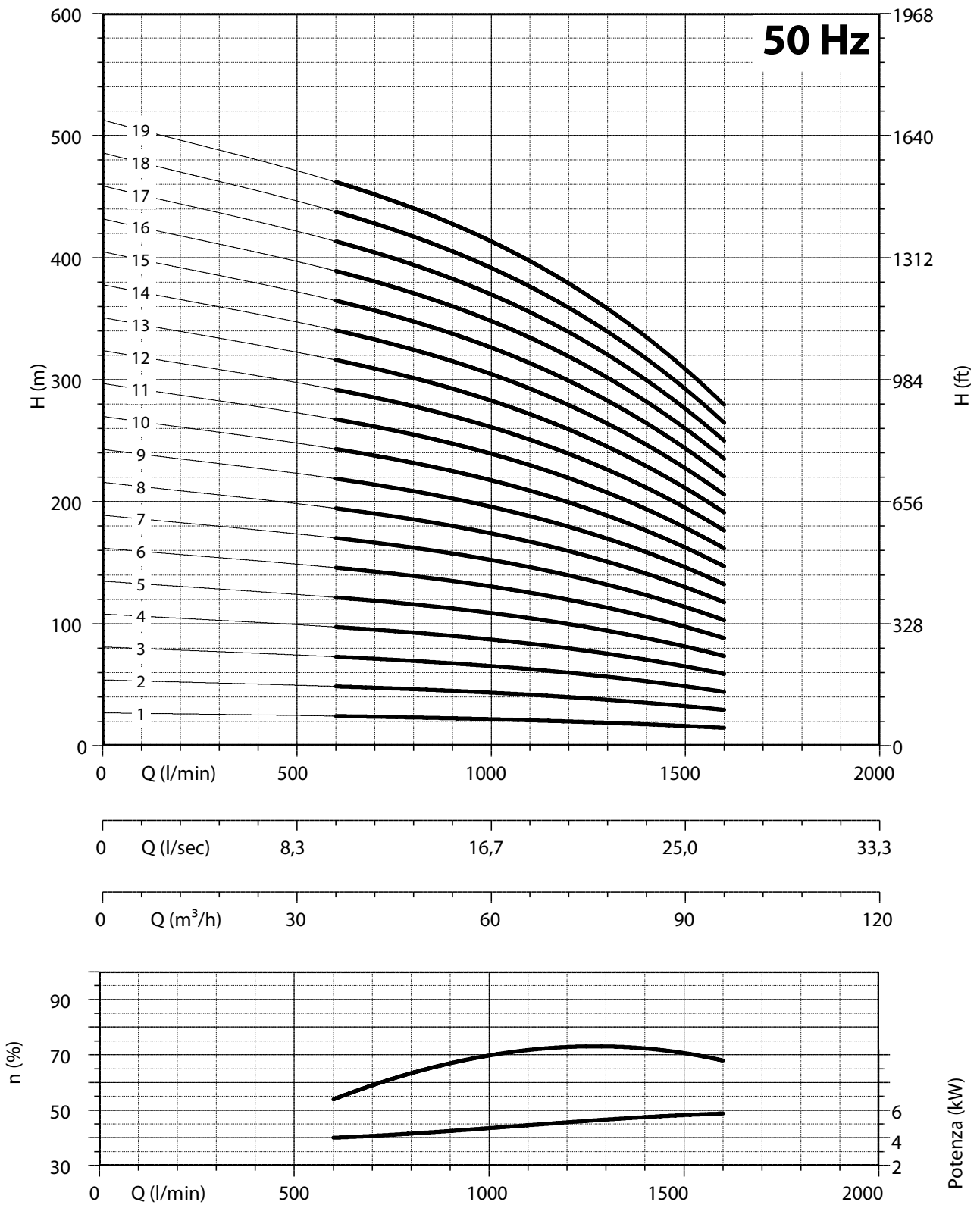
n% = Rendimento della pompa  
n% = Rendement de la pompe  
n% = Pump efficiency  
n% = Rendimiento de la bomba

**Max 74%**

kW/st = Assorbimento per stadio  
kW/st = Absorption par étage  
kW/st = Stage absorption  
kW/st = Potencia absorbida por etapa

**Max 5,75**

Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B



NPSH (m)	25%	50%	75%	100%
180 SX 78	3	3	3,5	4,5

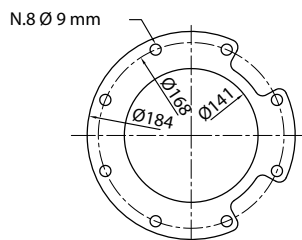
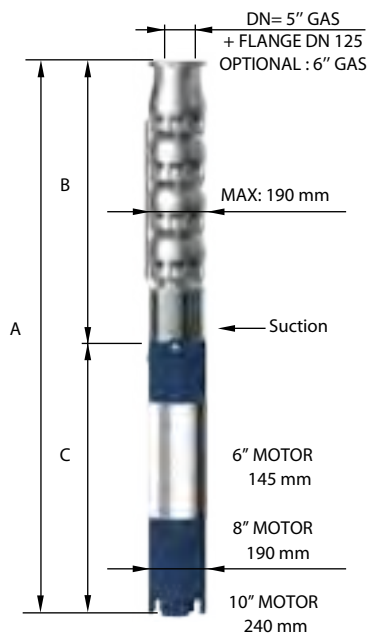
**CARATTERISTICHE IDRAULICHE - HYDRAULIC PERFORMANCES**

Q= Portata - Capacity - Debit **50 Hz n= 2900 min**

Tipo Type	Power		H(m)	l/min	800	1000	1200	1400	1600	1800	2000
	kW	HP		l/sec	13,33	16,67	20	23,33	26,67	30	33,33
				m <sup>3</sup> /h	48	60	72	84	96	108	120
180 SX 90/01	7,50	10	27	24	23	22	20	18	16	13	
180 SX 90/02	13	17,5	54	49	47	44	40	36	31	25	
180 SX 90/03	22	30	81	73	70	65	60	54	47	38	
180 SX 90/04	26	35	108	97	93	87	80	71	62	50	
180 SX 90/05	37	50	135	121	116	109	101	89	78	63	
180 SX 90/06	44	60	162	146	140	131	121	107	93	76	
180 SX 90/07	44	60	189	170	163	152	141	125	109	88	
180 SX 90/08	55	75	216	194	186	174	161	143	124	101	
180 SX 90/09	66	90	243	218	209	196	181	161	140	114	
180 SX 90/10	66	90	270	243	233	218	201	179	155	126	
180 SX 90/11	75	100	297	267	256	239	221	197	171	139	
180 SX 90/12	92	125	324	291	279	261	241	214	186	151	
180 SX 90/13	92	125	351	315	302	283	262	232	202	164	
180 SX 90/14	92	125	378	340	326	305	282	250	217	177	
180 SX 90/15	110	150	405	364	349	326	302	268	233	189	
180 SX 90/16	110	150	432	388	372	348	322	286	248	202	
180 SX 90/17	110	150	459	412	395	370	342	304	264	215	

**DIMENSIONI D'INGOMBRO E PESI - OVERALL DIMENSIONS AND WEIGHTS**

Type	A mm Tri V 400	B mm	C mm Tri	M Kg Tri	P Kg
180 SX 90/01	1226	525	701	55	19
180 SX 90/02	1491	650	841	70	26
180 SX 90/03	1846	775	1071	92	32
180 SX 90/04	2081	900	1181	100	39
180 SX 90/05	2366	1025	1341	118	45
180 SX 90/06	2273	1150	1123	178	52
180 SX 90/07	2398	1275	1123	178	58
180 SX 90/08	2633	1400	1233	200	65
180 SX 90/09	2828	1525	1303	214	71
180 SX 90/10	2953	1650	1303	214	78
180 SX 90/11	3158	1775	1383	230	84
180 SX 90/12	3483	1900	1583	270	91
180 SX 90/13	3608	2025	1583	270	97
180 SX 90/14	3733	2150	1583	270	104
180 SX 90/15	4008	2275	1733	300	110
180 SX 90/16	4133	2400	1733	300	117
180 SX 90/17	4258	2525	1733	300	123



FOR COMMERCIAL TUBE  
EXTERNAL DIAMETER: 139,7 mm

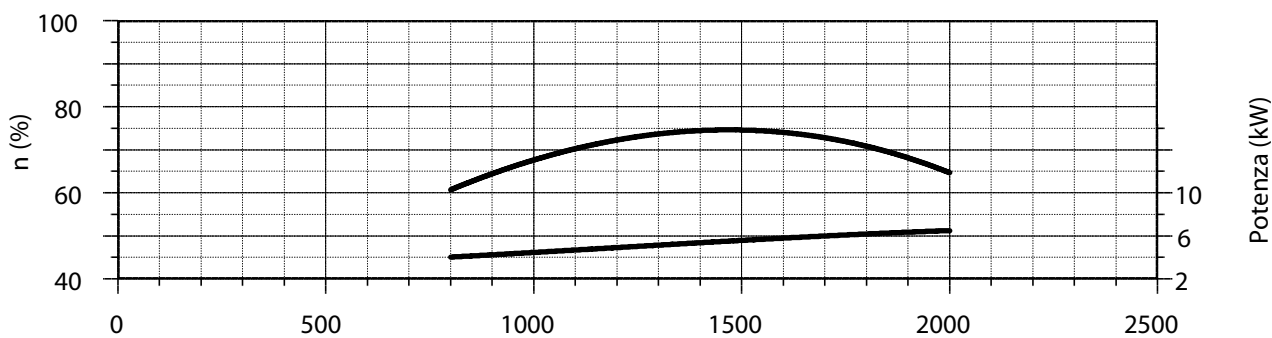
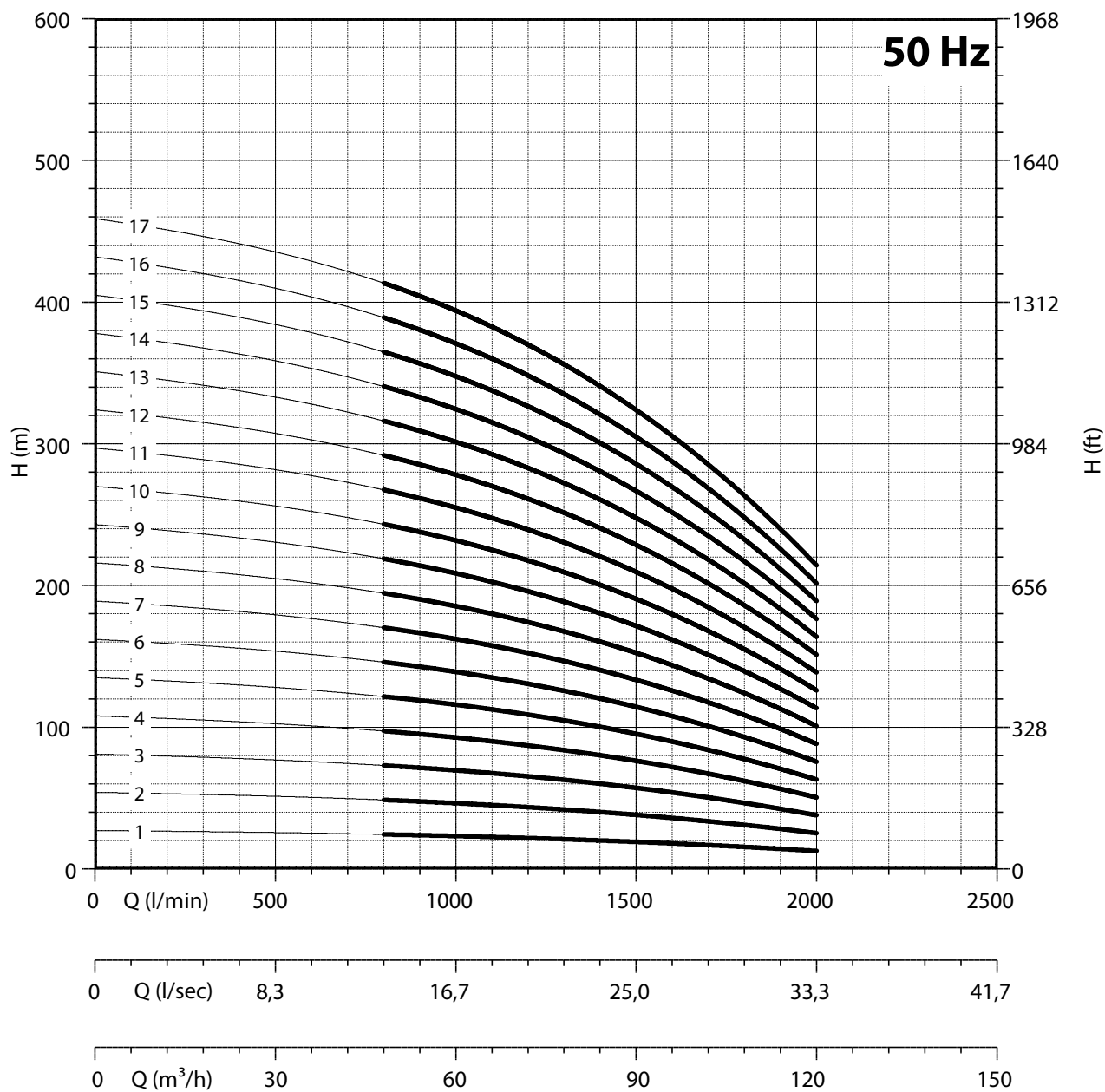
n% = Rendimento della pompa  
n% = Rendement de la pompe  
n% = Pump efficiency  
n% = Rendimiento de la bomba

**Max 75%**

kW/st = Assorbimento per stadio  
kW/st = Absorption par étage  
kW/st = Stage absorption  
kW/st = Potencia absorbida por etapa

**Max 6,47**

Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B



NPSH (m)	25%	50%	75%	100%
180 SX 90	2,5	2,9	3,9	7,8

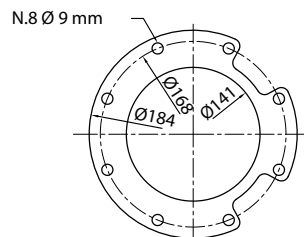
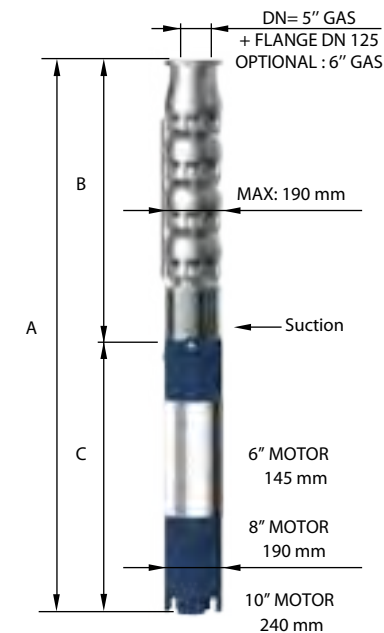
**CARATTERISTICHE IDRAULICHE - HYDRAULIC PERFORMANCES**

Q= Portata - Capacity - Debit **50 Hz n= 2900 min**

Tipo Type	Power		H(m)	0	1000	1200	1400	1600	1800	2000	2200	2400			
	kW	HP		l/min	l/sec	m <sup>3</sup> /h	0	16,67	20	23,33	26,67	30	33,33	36,67	40
				0	60	72	84	96	108	120	132	144			
180 SX 102 /1	7,50	10	28	23	22	21	20	19	17	15	13				
180 SX 102 /2	15	20	55	45	44	42	41	38	35	31	26				
180 SX 102 /3	22	30	83	68	65	63	61	57	52	46	38				
180 SX 102 /4	30	40	110	90	87	84	82	76	69	62	51				
180 SX 102 /5	37	50	138	113	109	106	102	96	87	77	64				
180 SX 102 /6	44	60	165	135	131	127	122	115	104	92	77				
180 SX 102 /7	55	75	193	158	153	148	143	134	121	108	90				
180 SX 102 /8	66	90	220	180	174	169	163	153	138	123	102				
180 SX 102 /9	66	90	248	203	196	190	184	172	156	139	115				
180 SX 102 /10	75	100	275	225	218	211	204	191	173	154	128				
180 SX 102 /11	92	125	303	248	240	232	224	210	190	169	141				
180 SX 102 /12	92	125	330	270	262	253	245	229	208	185	154				
180 SX 102 /13	110	150	358	293	283	274	265	248	225	200	166				
180 SX 102 /14	110	150	385	315	305	295	286	267	242	216	179				
180 SX 102 /15	110	150	413	338	327	317	306	287	260	231	192				

**DIMENSIONI D'INGOMBRO E PESI - OVERALL DIMENSIONS AND WEIGHTS**

Type	A mm Tri V 400	B mm	C mm Tri	M Kg Tri	P Kg
180 SX 102/1	1226	525	701	55	19
180 SX 102/2	1581	650	931	75	26
180 SX 102/3	1846	775	1071	92	33
180 SX 102/4	2151	900	1251	108	40
180 SX 102/5	2366	1025	1341	118	47
180 SX 102/6	2273	1150	1123	178	53
180 SX 102/7	2508	1275	1233	200	60
180 SX 102/8	2703	1400	1303	214	67
180 SX 102/9	2828	1525	1303	214	74
180 SX 102/10	3033	1650	1383	230	81
180 SX 102/11	3358	1775	1583	270	87
180 SX 102/12	3483	1900	1583	270	94
180 SX 102/13	3758	2025	1733	300	101
180 SX 102/14	3883	2150	1733	300	108
180 SX 102/15	4008	2275	1733	300	115



FOR COMMERCIAL TUBE  
EXTERNAL DIAMETER: 139,7 mm

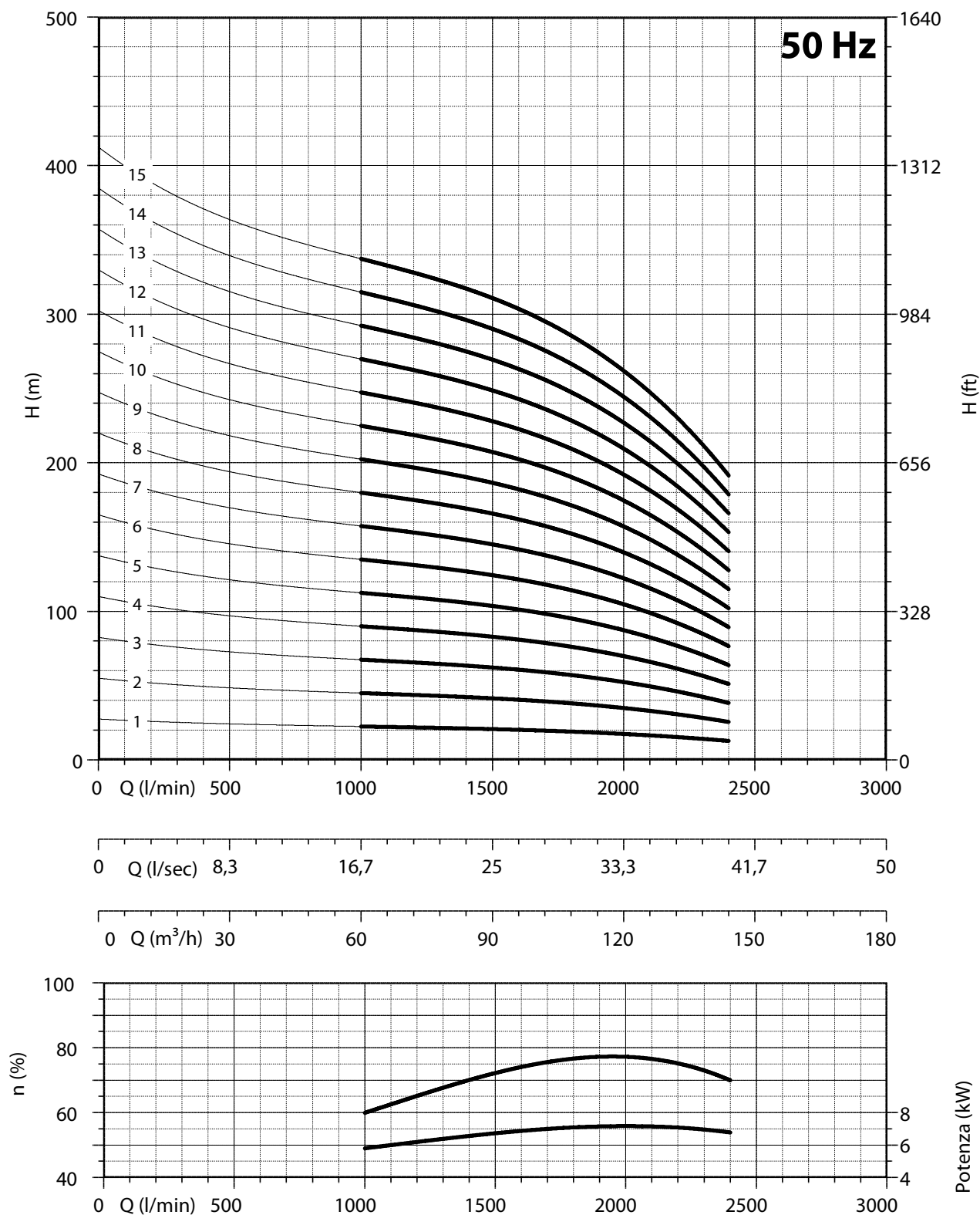
n% = Rendimento della pompa  
n% = Rendement de la pompe  
n% = Pump efficiency  
n% = Rendimiento de la bomba

**Max  
77%**

kW/st = Assorbimento per stadio  
kW/st = Absorption par étage  
kW/st = Stage absorption  
kW/st = Potencia absorbida por etapa

**Max  
7,2**

Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B



NPSH (m)	25%	50%	75%	100%
180 SX 102	2,5	2,9	3,9	7,8

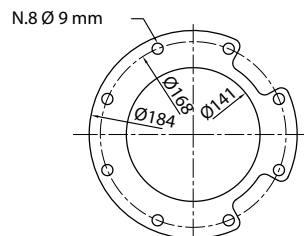
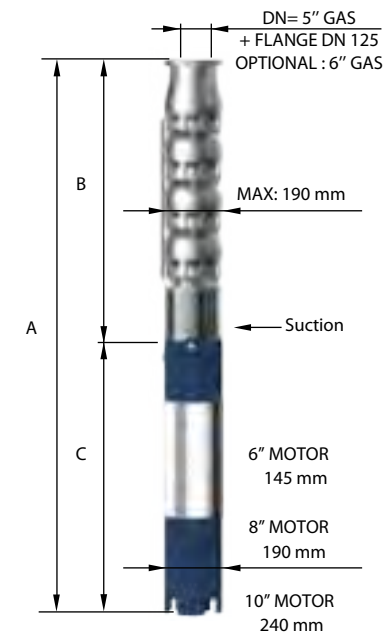
### CARATTERISTICHE IDRAULICHE - HYDRAULIC PERFORMANCES

Q= Portata - Capacity - Debit **50 Hz n= 2900 min**

Tipo Type	Power		H(m)	l/min	0	1200	1400	1600	1800	2000	2200	2400	2600	2800
	kW	HP		l/sec	0	20	23,33	26,67	30	33,33	36,67	40	43,33	46,67
				m <sup>3</sup> /h	0	72	84	96	108	120	132	144	156	168
180 SX 124/1	9,20	12,5	H(m)	27	23	22	21	20	19	18	16	15	12	
180 SX 124/2	18,50	25		54	45	43	41	40	38	36	33	29	24	
180 SX 124/3	26	35		81	68	65	62	59	57	54	49	44	36	
180 SX 124/4	37	50		108	90	86	83	79	76	72	66	58	48	
180 SX 124/5	44	60		135	113	108	104	99	95	90	82	73	60	
180 SX 124/6	55	75		162	135	129	124	119	114	108	98	87	72	
180 SX 124/7	66	90		189	158	151	145	139	133	126	115	102	84	
180 SX 124/8	66	90		216	180	172	166	158	152	144	131	116	96	
180 SX 124/9	75	100		243	203	194	186	178	171	162	148	131	108	
180 SX 124/10	92	125		270	225	215	207	198	190	180	164	145	120	
180 SX 124/11	92	125		297	248	237	228	218	209	198	180	160	132	
180 SX 124/12	110	150		324	270	258	248	238	228	216	197	174	144	
180 SX 124/13	110	150		351	293	280	269	257	247	234	213	189	156	

### DIMENSIONI D'INGOMBRO E PESI - OVERALL DIMENSIONS AND WEIGHTS

Type	A mm Tri V 400	B mm	C mm Tri	M Kg Tri	P Kg
180 SX 124/1	1276	525	751	60	20
180 SX 124/2	1641	650	991	83	27
180 SX 124/3	1956	775	1181	100	34
180 SX 124/4	2241	900	1341	118	41
180 SX 124/5	2148	1025	1123	178	48
180 SX 124/6	2383	1150	1233	200	55
180 SX 124/7	2578	1275	1303	214	62
180 SX 124/8	2703	1400	1303	214	69
180 SX 124/9	2908	1525	1383	230	76
180 SX 124/10	3233	1650	1583	270	83
180 SX 124/11	3358	1775	1583	270	90
180 SX 124/12	3633	1900	1733	300	97
180 SX 124/13	3758	2025	1733	300	104



FOR COMMERCIAL TUBE  
EXTERNAL DIAMETER: 139,7 mm

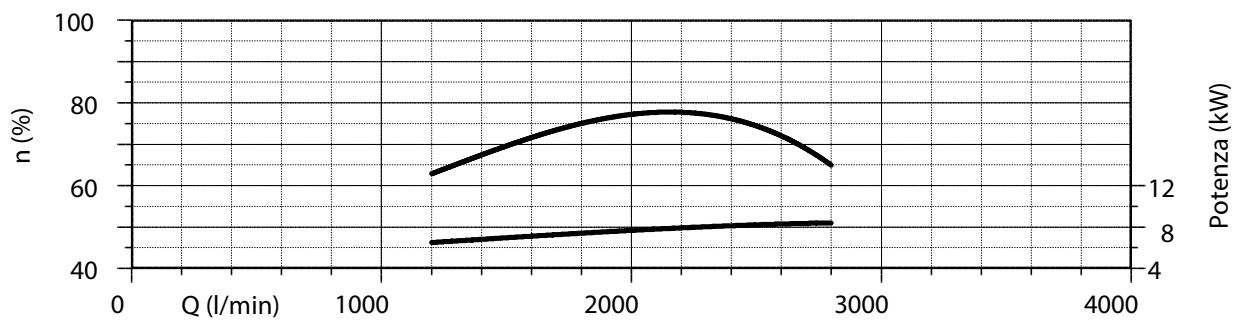
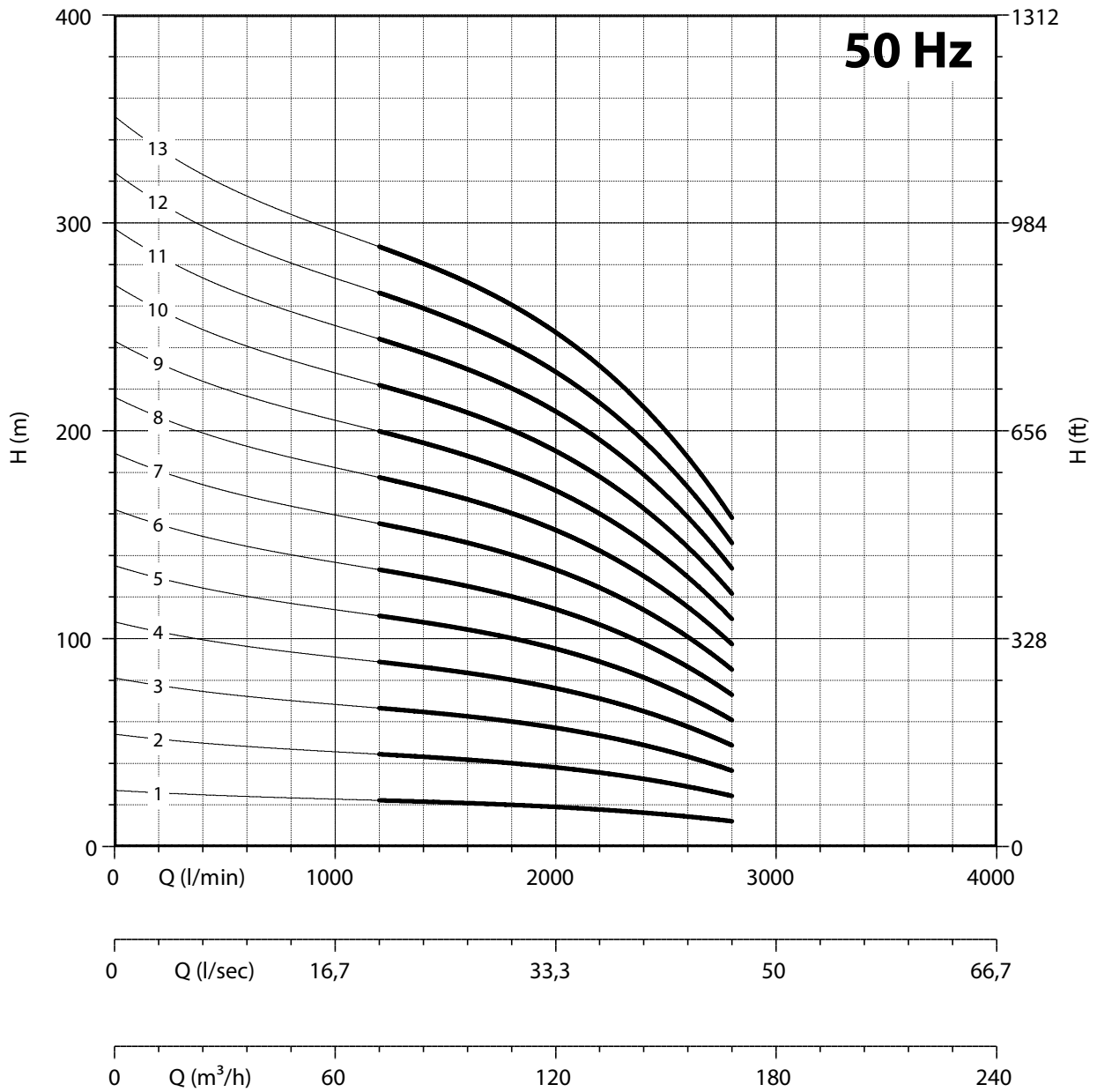
n% = Rendimento della pompa  
n% = Rendement de la pompe  
n% = Pump efficiency  
n% = Rendimiento de la bomba

**Max  
78%**

kW/st = Assorbimento per stadio  
kW/st = Absorption par étage  
kW/st = Stage absorption  
kW/st = Potencia absorbida por etapa

**Max  
8,4**

Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B



NPSH (m)	25%	50%	75%	100%
180 SX 124	2,5	3	3,5	8,7

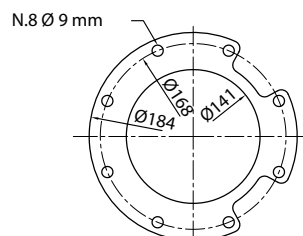
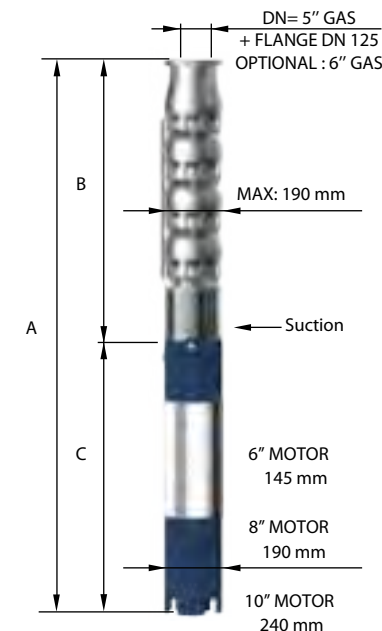
### CARATTERISTICHE IDRAULICHE - HYDRAULIC PERFORMANCES

Q= Portata - Capacity - Debit **50 Hz n= 2900 min**

Tipo Type	Power		H(m)	0	1600	1800	2000	2200	2400	2600	2800	3000	3200	
	kW	HP		l/min	l/sec	l/min	l/min	l/min	l/min	l/min	l/min	l/min	l/min	l/min
				m <sup>3</sup> /h										
180 SX 140/1	9,20	12,5	25	20	19	19	18	17	17	16	14	12		
180 SX 140/2	18,50	25	50	40	39	38	36	35	33	31	28	24		
180 SX 140/3	30	40	75	60	58	56	54	52	50	47	41	36		
180 SX 140/4	37	50	100	80	77	75	72	70	66	62	55	48		
180 SX 140/5	55	75	125	100	97	94	91	87	83	78	69	60		
180 SX 140/6	55	75	150	120	116	113	109	104	100	93	83	72		
180 SX 140/7	66	90	175	140	135	132	127	122	116	109	97	84		
180 SX 140/8	75	100	200	160	154	150	145	139	133	124	110	96		
180 SX 140/9	92	125	225	180	174	169	163	157	149	140	124	108		
180 SX 140/10	110	150	250	200	193	188	181	174	166	155	138	120		
180 SX 140/11	110	150	275	220	212	207	199	191	183	171	152	132		
180 SX 140/12	110	150	300	240	232	226	217	209	199	186	166	144		

### DIMENSIONI D'INGOMBRO E PESI - OVERALL DIMENSIONS AND WEIGHTS

Type	A mm Tri V 400	B mm	C mm Tri	M Kg Tri	P Kg
180 SX 140/1	1301	550	751	60	20
180 SX 140/2	1691	700	991	83	28
180 SX 140/3	2101	850	1251	108	35
180 SX 140/4	2341	1000	1341	118	43
180 SX 140/5	2383	1150	1233	200	50
180 SX 140/6	2533	1300	1233	200	58
180 SX 140/7	2753	1450	1303	214	65
180 SX 140/8	2983	1600	1383	230	73
180 SX 140/9	3333	1750	1583	270	80
180 SX 140/10	3633	1900	1733	300	88
180 SX 140/11	3783	2050	1733	300	95
180 SX 140/12	3933	2200	1733	300	103



FOR COMMERCIAL TUBE  
EXTERNAL DIAMETER: 139,7 mm

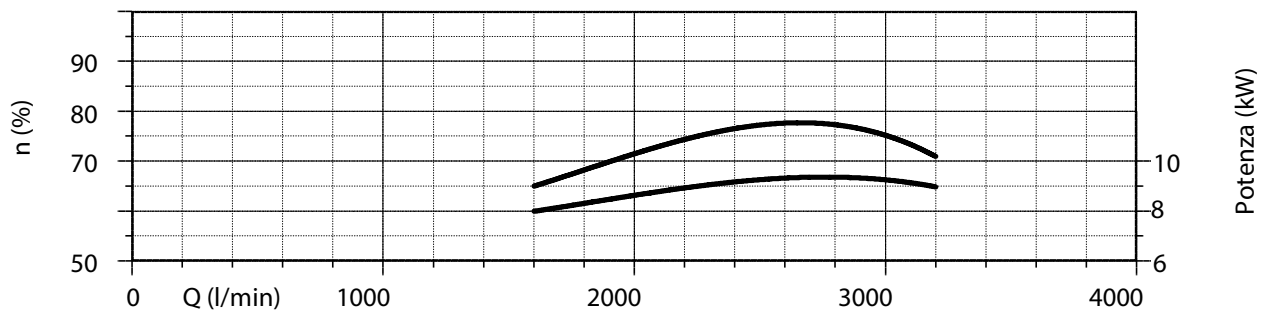
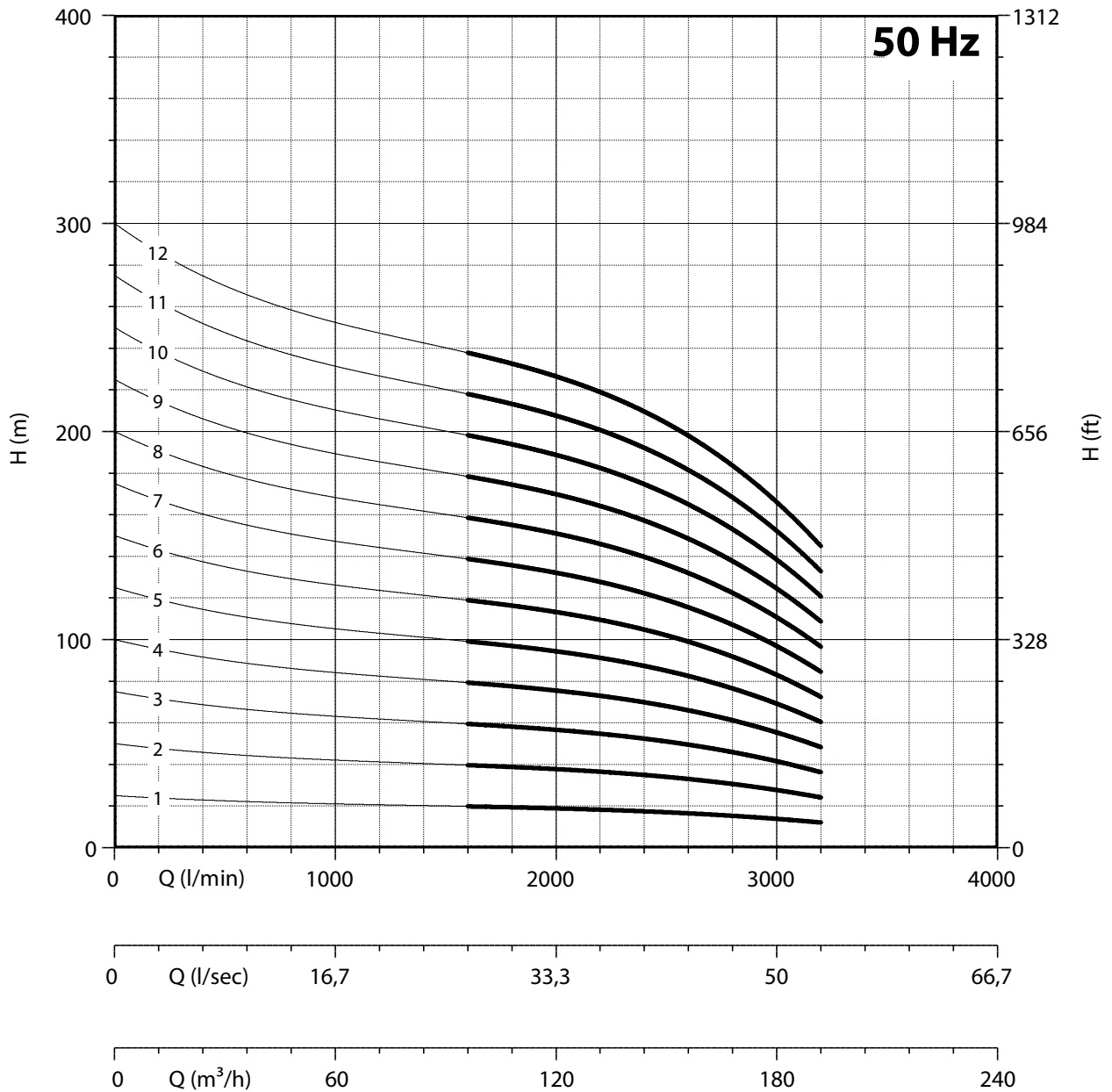
n% = Rendimento della pompa  
n% = Rendement de la pompe  
n% = Pump efficiency  
n% = Rendimiento de la bomba

**Max  
78,5%**

kW/st = Assorbimento per stadio  
kW/st = Absorption par étage  
kW/st = Stage absorption  
kW/st = Potencia absorbida por etapa

**Max  
9,4**

Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B



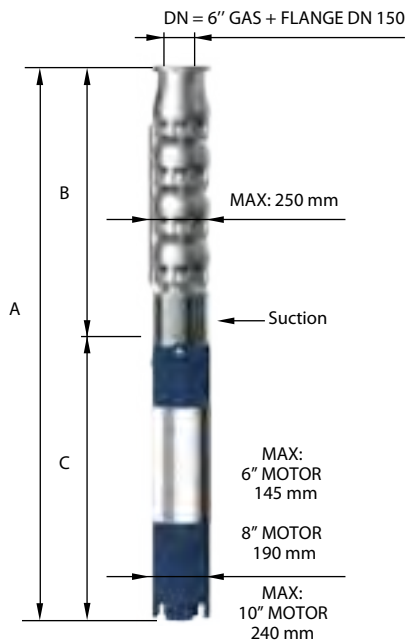
NPSH (m)	25%	50%	75%	100%
180 SX 140	4	4,5	7	13

**CARATTERISTICHE IDRAULICHE - HYDRAULIC PERFORMANCES**

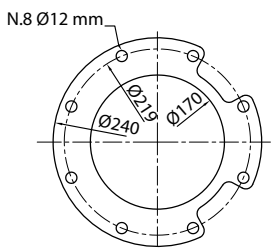
Q= Portata - Capacity - Debit **50 Hz n= 2900 min**

Tipo Type	Power		H(m)	0	1800	2200	2600	3000	3400	3800	4000	
	kW	HP		l/min	l/sec	m <sup>3</sup> /h	l/min	l/sec	m <sup>3</sup> /h	l/min	l/sec	m <sup>3</sup> /h
				0	30	36,67	43,33	50	56,67	63,33	66,67	
230 SX 200/1 DR 20	18,5	25	35	32	30	27	24	21	16	14		
230 SX 200/1 DR 10	18,5	25	38	35	33	31	28	24	20	17		
230 SX 200/1	22	30	42	38	36	34	31	28	23	21		
230 SX 200/2 DR 20	37	50	69	63	60	55	49	41	33	28		
230 SX 200/2 DR 10	37	50	76	70	66	61	55	48	40	35		
230 SX 200/2	44	60	83	77	73	68	62	55	47	41		
230 SX 200/3 DR 20	55	75	104	95	89	82	73	62	49	42		
230 SX 200/3 DR 10	55	75	114	105	99	92	83	72	59	52		
230 SX 200/3	66	90	125	115	109	102	93	83	70	62		
230 SX 200/4 DR 20	66	90	138	126	119	110	98	82	66	56		
230 SX 200/4 DR 10	75	100	152	140	132	122	110	96	79	70		
230 SX 200/4	92	125	166	154	146	136	124	110	94	82		
230 SX 200/5 DR 20	92	125	173	158	149	137	122	103	82	70		
230 SX 200/5 DR 10	92	125	190	175	165	153	138	120	99	87		
230 SX 200/5	110	150	208	192	182	170	155	138	117	103		

**DIMENSIONI D'INGOMBRO E PESI - OVERALL DIMENSIONS AND WEIGHTS**



Type	A mm Tri V 400	B mm	C mm Tri	M Kg Tri	P Kg
230 SX 200/1 DR 20	1616	625	991	83	41
230 SX 200/1 DR 10	1616	625	991	83	41
230 SX 200/1	1696	625	1071	92	41
230 SX 200/2 DR 20	2146	805	1341	118	56
230 SX 200/2 DR 10	2146	805	1341	118	56
230 SX 200/2	1928	805	1123	178	56
230 SX 200/3 DR 20	2218	985	1233	200	72
230 SX 200/3 DR 10	2218	985	1233	200	72
230 SX 200/3	2288	985	1303	214	72
230 SX 200/4 DR 20	2468	1165	1303	214	87
230 SX 200/4 DR 10	2548	1165	1383	230	87
230 SX 200/4	2748	1165	1583	270	87
230 SX 200/5 DR 20	2928	1345	1583	270	103
230 SX 200/5 DR 10	2928	1345	1583	270	103
230 SX 200/5	3078	1345	1733	300	103



FOR COMMERCIAL TUBE  
EXTERNAL DIAMETER: 168,3 mm

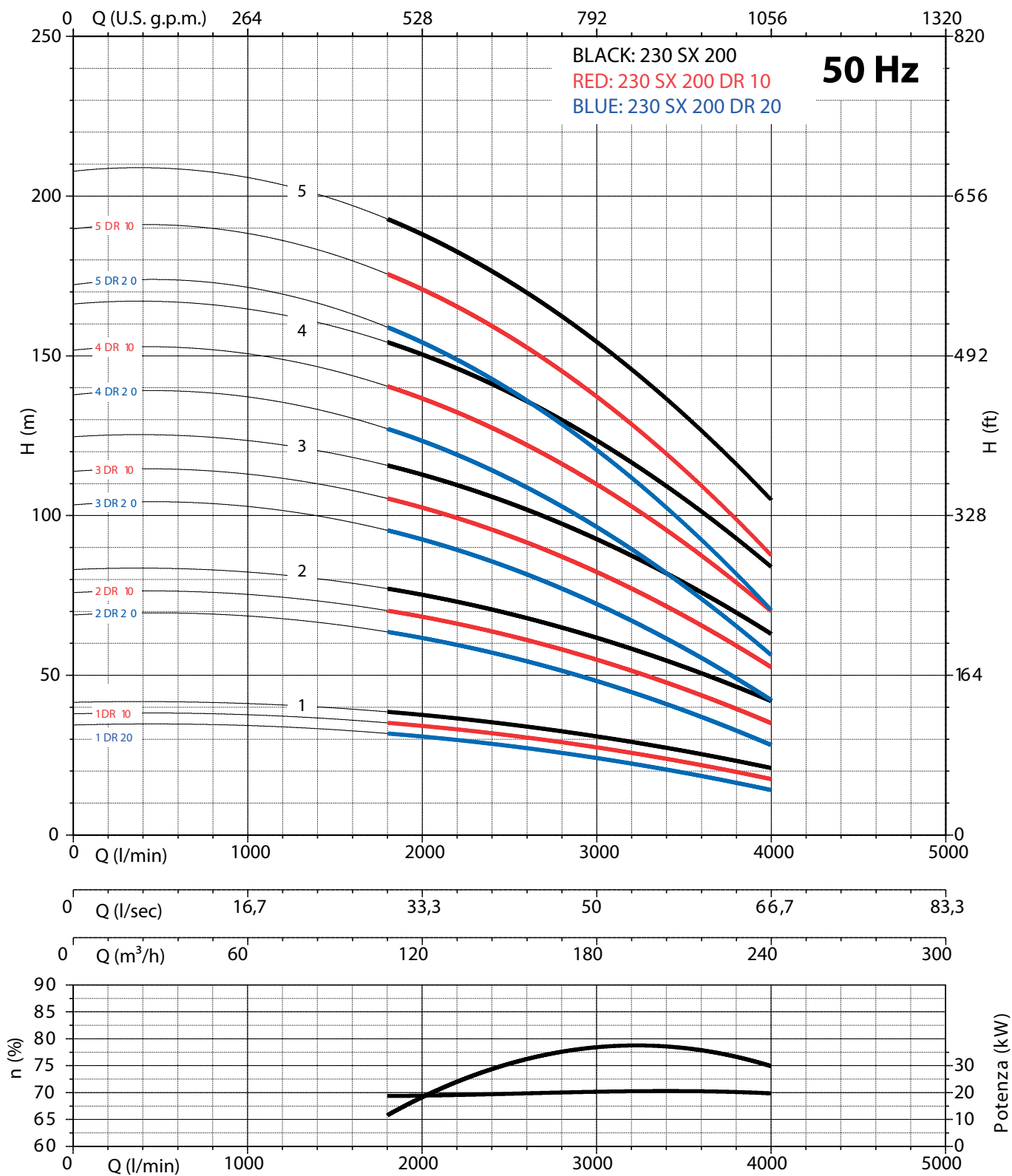
n% = Rendimento della pompa  
n% = Rendement de la pompe  
n% = Pump efficiency  
n% = Rendimiento de la bomba

Max 77% **DR 10** Max 77,5% **DR 20** Max 76,5%

kW/st = Assorbimento per stadio  
kW/st = Absorption par étage  
kW/st = Stage absorption  
kW/st = Potencia absorbida por etapa

Max 20,8 **DR 10** Max 18,5 **DR 20** Max 16

Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B



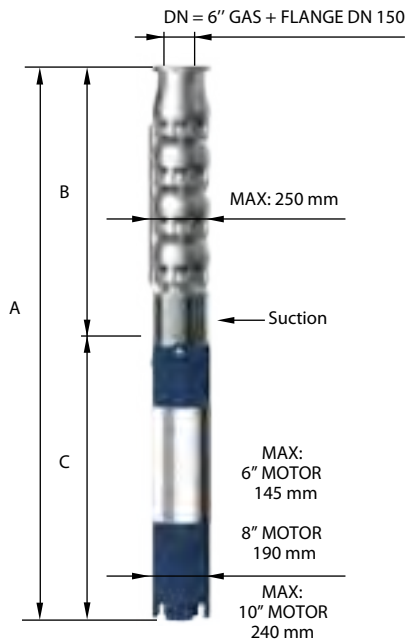
NPSH (m)	25%	50%	75%	100%
230 SX 200	3,4	5	7,8	11,8

**CARATTERISTICHE IDRAULICHE - HYDRAULIC PERFORMANCES**

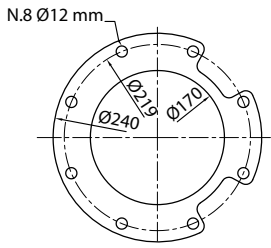
Q= Portata - Capacity - Debit **50 Hz n= 2900 min**

Tipo Type	Power		H(m)	0	1800	2200	2600	3000	3400	3800	4000	
	kW	HP		l/min	l/sec	m <sup>3</sup> /h	l/min	l/sec	m <sup>3</sup> /h	l/min	l/sec	m <sup>3</sup> /h
				0	30	36,67	43,33	50	56,67	63,33	66,67	
230 SX 200/6 DR 20	110	150	208	190	179	164	146	124	98	84		
230 SX 200/6 DR 10	110	150	228	210	198	184	166	144	119	104		
230 SX 200/6	129	175	250	230	218	204	186	166	140	124		
230 SX 200/7 DR 20	110	150	242	221	209	192	171	144	115	98		
230 SX 200/7 DR 10	129	175	266	245	231	214	193	168	139	122		
230 SX 200/7	147	200	291	269	255	238	217	193	164	144		
230 SX 200/8 DR 20	129	175	277	253	238	219	195	165	131	112		
230 SX 200/8 DR 10	147	200	304	280	264	245	221	192	158	139		
230 SX 200/8	165	225	333	307	291	272	248	221	187	165		
230 SX 200/9 DR 20	147	200	311	284	268	247	220	185	148	126		
230 SX 200/9 DR 10	165	225	342	315	297	275	248	216	178	157		
230 SX 200/9	185	250	374	346	328	306	279	248	211	185		

**DIMENSIONI D'INGOMBRO E PESI - OVERALL DIMENSIONS AND WEIGHTS**



Type	A mm Tri V 400	B mm	C mm Tri	M Kg Tri	P Kg
230 SX 200/6 DR 20	3258	1525	1733	300	118
230 SX 200/6 DR 10	3258	1525	1733	300	118
230 SX 200/6	3159	1525	1634	385	118
230 SX 200/7 DR 20	3438	1705	1733	300	134
230 SX 200/7 DR 10	3339	1705	1634	385	134
230 SX 200/7	3439	1705	1734	415	134
230 SX 200/8 DR 20	3519	1885	1634	385	149
230 SX 200/8 DR 10	3619	1885	1734	415	149
230 SX 200/8	3739	1885	1854	444	149
230 SX 200/9 DR 20	3799	2065	1734	415	165
230 SX 200/9 DR 10	3919	2065	1854	444	165
230 SX 200/9	4049	2065	1984	480	165



FOR COMMERCIAL TUBE  
EXTERNAL DIAMETER: 168,3 mm

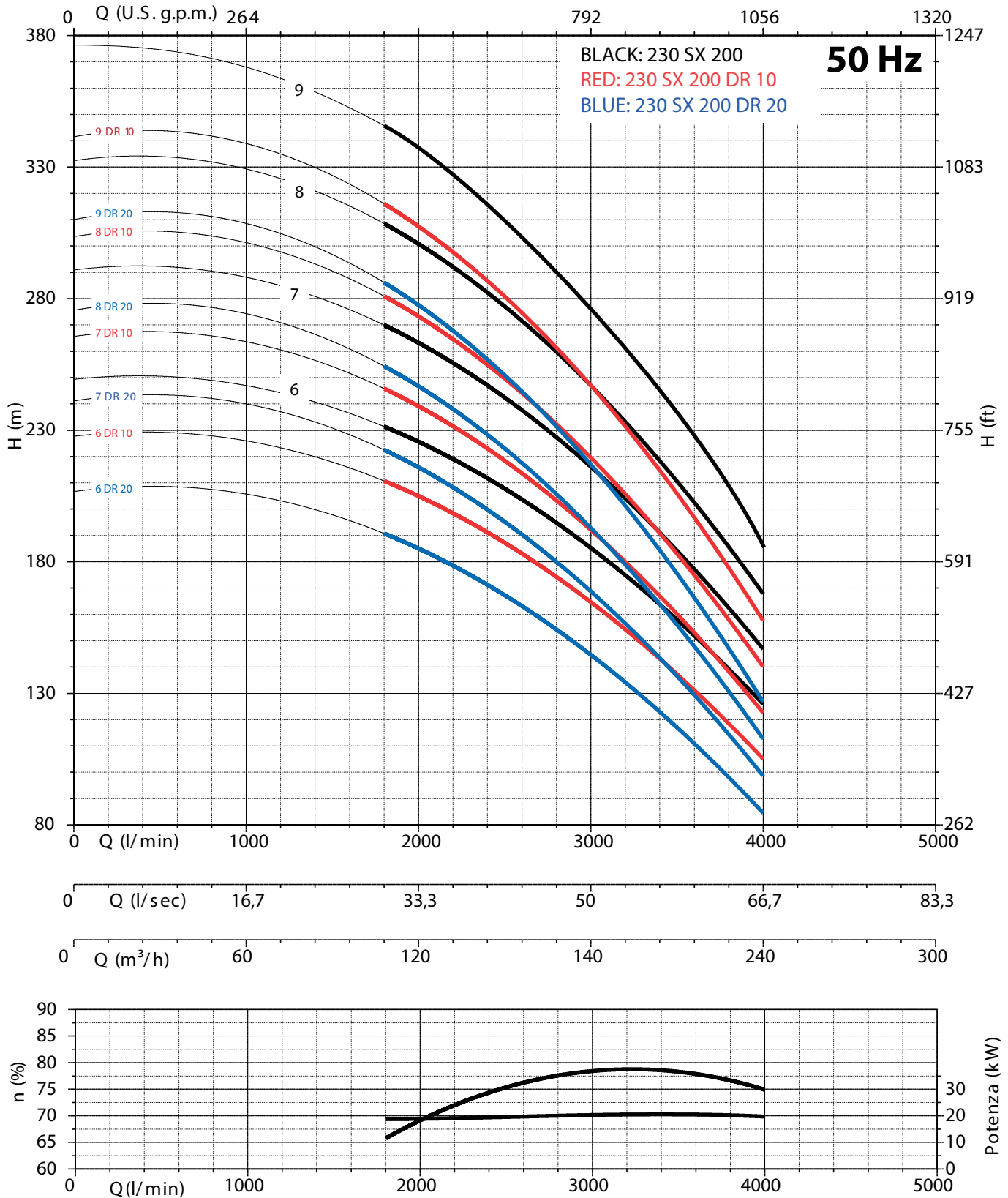
n% = Rendimento della pompa  
n% = Rendement de la pompe  
n% = Pump efficiency  
n% = Rendimiento de la bomba

**Max 77%** **DR 10 Max 77,5%** **DR 20 Max 76,5%**

kW/st = Assorbimento per stadio  
kW/st = Absorption par étage  
kW/st = Stage absorption  
kW/st = Potencia absorbida por etapa

**Max 20,8** **DR 10 Max 18,5** **DR 20 Max 16**

Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B



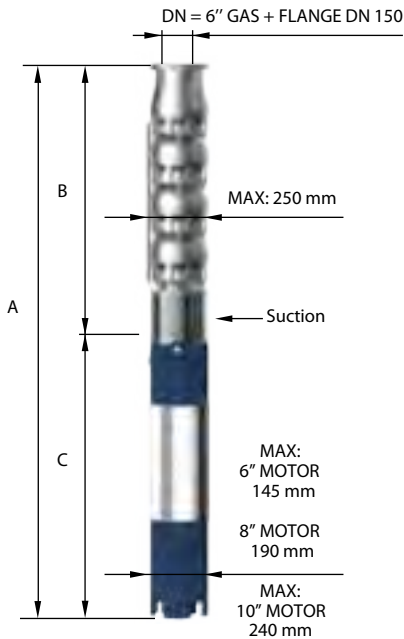
NPSH (m)	25%	50%	75%	100%
230 SX 200	3,4	5	7,8	11,8

**CARATTERISTICHE IDRAULICHE - HYDRAULIC PERFORMANCES**

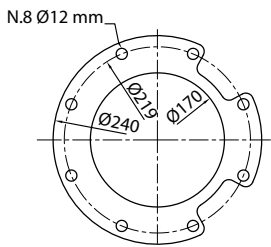
Q= Portata - Capacity - Debit **50 Hz n= 2900 min**

Tipo Type	Power		H(m)	l/min	0	2200	2600	3000	3400	3800	4200	4600
	kW	HP		l/sec	0	36,67	43,33	50	56,67	63,33	70	76,67
				m <sup>3</sup> /h	0	132	156	180	204	228	252	276
230 SX 220/1 DR 20	18,5	25	37	37	31	29	27	25	23	19	16	
230 SX 220/1 DR 10	22	30		40	34	33	31	29	26	23	20	
230 SX 220/1	22	30		44	38	36	34	32	30	26	23	
230 SX 220/2 DR 20	37	50		74	62	58	54	50	45	38	32	
230 SX 220/2 DR 10	44	60		81	68	65	61	57	52	46	39	
230 SX 220/2	44	60		88	75	72	68	64	59	53	46	
230 SX 220/3 DR 20	55	75		110	93	87	81	75	68	57	48	
230 SX 220/3 DR 10	66	90		121	102	98	92	86	78	68	59	
230 SX 220/3	75	100		131	113	108	102	96	89	79	69	
230 SX 220/4 DR 20	75	100		147	124	116	108	100	90	76	64	
230 SX 220/4 DR 10	92	125		162	136	130	122	114	104	91	78	
230 SX 220/4	92	125		175	150	144	136	128	118	106	92	
230 SX 220/5 DR 20	92	125		184	155	145	135	125	113	95	80	
230 SX 220/5 DR 10	110	150		202	170	163	153	143	130	114	98	
230 SX 220/5	129	175		219	188	180	170	160	148	132	115	
230 SX 220/6 DR 20	110	150		221	186	174	162	150	136	114	96	
230 SX 220/6 DR 10	129	175		242	204	196	184	172	156	137	118	
230 SX 220/6	147	200		263	226	216	204	192	178	158	138	
230 SX 220/7 DR 20	129	175		258	217	203	189	175	158	133	112	
230 SX 220/7 DR 10	147	200		283	238	228	214	200	182	160	137	
230 SX 220/7	165	225	307	263	252	238	224	207	185	161		

**DIMENSIONI D'INGOMBRO E PESI - OVERALL DIMENSIONS AND WEIGHTS**



Type	A mm Tri V 400	B mm	C mm Tri	M Kg Tri	P Kg
230 SX 220/1 DR 20	1616	625	991	83	41
230 SX 220/1 DR 10	1696	625	1071	92	41
230 SX 220/1	1696	625	1071	92	41
230 SX 220/2 DR 20	2146	805	1341	118	56
230 SX 220/2 DR 10	1928	805	1123	178	56
230 SX 220/2	1928	805	1123	178	56
230 SX 220/3 DR 20	2218	985	1233	200	72
230 SX 220/3 DR 10	2288	985	1303	214	72
230 SX 220/3	2368	985	1383	230	72
230 SX 220/4 DR 20	2548	1165	1383	230	87
230 SX 220/4 DR 10	2748	1165	1583	270	87
230 SX 220/4	2748	1165	1583	270	87
230 SX 220/5 DR 20	2928	1345	1583	270	103
230 SX 220/5 DR 10	3078	1345	1733	300	103
230 SX 220/5	2979	1345	1634	385	103
230 SX 220/6 DR 20	3258	1525	1733	300	118
230 SX 220/6 DR 10	3159	1525	1634	385	118
230 SX 220/6	3259	1525	1734	415	118
230 SX 220/7 DR 20	3339	1705	1634	385	134
230 SX 220/7 DR 10	3439	1705	1734	415	134
230 SX 220/7	3559	1705	1854	444	134



FOR COMMERCIAL TUBE  
EXTERNAL DIAMETER: 168,3 mm

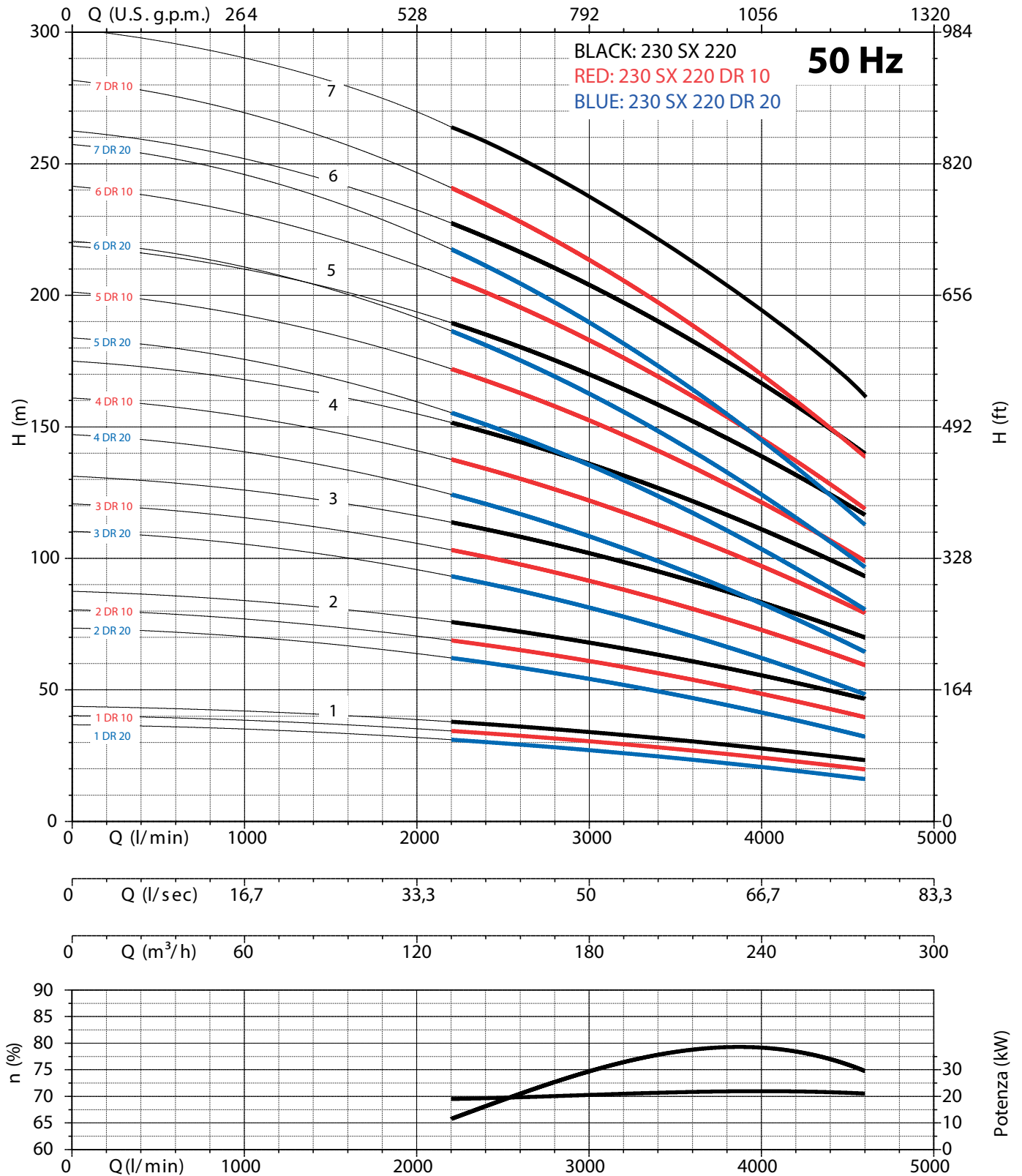
n% = Rendimento della pompa  
n% = Rendement de la pompe  
n% = Pump efficiency  
n% = Rendimiento de la bomba

Max **79,2%** **DR 10** Max 79,5% **DR 20** Max 78,4%

kW/st = Assorbimento per stadio  
kW/st = Absorption par étage  
kW/st = Stage absorption  
kW/st = Potencia absorbida por etapa

Max **22,8** **DR 10** Max 19,5 **DR 20** Max 17,5

Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B



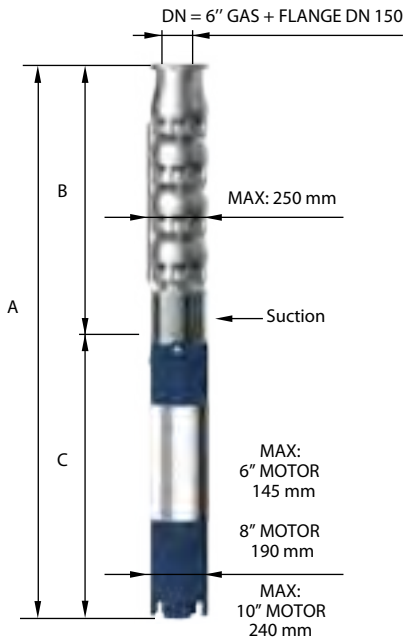
NPSH (m)	25%	50%	75%	100%
230 SX 220	3,4	5	7,8	11,8

**CARATTERISTICHE IDRAULICHE - HYDRAULIC PERFORMANCES**

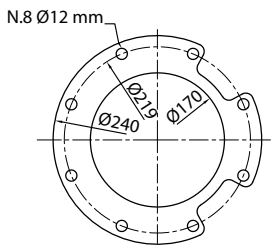
Q= Portata - Capacity - Debit **50 Hz n= 2900 min**

Tipo Type	Power		l/min	0	2400	2800	3200	3600	4000	4400	4800	5000	5200	
	kW	HP												l/sec
														m <sup>3</sup> /h
230 SX 240/1 DR 20	18,5	25	31	29	28	27	25	23	21	18				
230 SX 240/1 DR 10	22	30	36	33	32	31	29	27	24	22	20			
230 SX 240/1	30	40	44	37	35	34	32	30	28	26	25	24		
230 SX 240/2 DR 20	37	50	62	58	56	54	50	46	42	36				
230 SX 240/2 DR 10	44	60	72	66	64	62	58	54	48	44	40			
230 SX 240/2	55	75	88	73	69	67	64	59	56	52	50	48		
230 SX 240/3 DR 20	55	75	94	88	85	81	76	70	63	53				
230 SX 240/3 DR 10	66	90	107	100	97	93	86	80	73	65	59			
230 SX 240/3	92	125	132	110	104	101	96	89	83	78	75	72		
230 SX 240/4 DR 20	75	100	125	117	113	108	101	93	84	71				
230 SX 240/4 DR 10	92	125	143	133	129	124	115	107	97	87	79			
230 SX 240/4	110	150	176	146	138	134	128	118	111	104	100	96		
230 SX 240/5 DR 20	92	125	156	146	141	135	126	116	105	89				
230 SX 240/5 DR 10	110	150	179	166	161	155	144	134	121	109	99			
230 SX 240/5	147	200	220	183	173	168	160	148	139	130	125	120		
230 SX 240/6 DR 20	110	150	187	175	169	162	151	139	126	107				
230 SX 240/6 DR 10	147	200	215	199	193	186	173	161	145	131	119			
230 SX 240/6	165	225	264	220	208	202	192	178	167	156	150	144		
230 SX 240/7 DR 20	129	175	218	204	197	189	176	162	147	125				
230 SX 240/7 DR 10	165	225	251	232	225	217	202	188	169	153	139			
230 SX 240/7	220	300	308	256	242	235	224	207	195	182	175	168		

**DIMENSIONI D'INGOMBRO E PESI - OVERALL DIMENSIONS AND WEIGHTS**



Type	A mm Tri V 400	B mm	C mm Tri	M Kg Tri	P Kg
230 SX 240/1 DR 20	1616	625	991	83	41
230 SX 240/1 DR 10	1696	625	1071	92	41
230 SX 240/1	1876	625	1251	108	41
230 SX 240/2 DR 20	2146	805	1341	118	56
230 SX 240/2 DR 10	1928	805	1123	178	56
230 SX 240/2	2038	805	1233	200	56
230 SX 240/3 DR 20	2218	985	1233	200	72
230 SX 240/3 DR 10	2288	985	1303	214	72
230 SX 240/3	2568	985	1583	270	72
230 SX 240/4 DR 20	2548	1165	1383	230	87
230 SX 240/4 DR 10	2748	1165	1583	270	87
230 SX 240/4	2898	1165	1733	300	87
230 SX 240/5 DR 20	2928	1345	1583	270	103
230 SX 240/5 DR 10	3078	1345	1733	300	103
230 SX 240/5	3079	1345	1734	415	103
230 SX 240/6 DR 20	3258	1525	1733	300	118
230 SX 240/6 DR 10	3259	1525	1734	415	118
230 SX 240/6	3379	1525	1854	444	118
230 SX 240/7 DR 20	3339	1705	1634	385	134
230 SX 240/7 DR 10	3559	1705	1854	444	134
230 SX 240/7	0	1705	0	0	134



FOR COMMERCIAL TUBE  
EXTERNAL DIAMETER: 168,3 mm

n% = Rendimento della pompa  
n% = Rendement de la pompe  
n% = Pump efficiency  
n% = Rendimiento de la bomba

Max  
79,3%

DR 10  
Max 79,5%

DR 20  
Max 79%

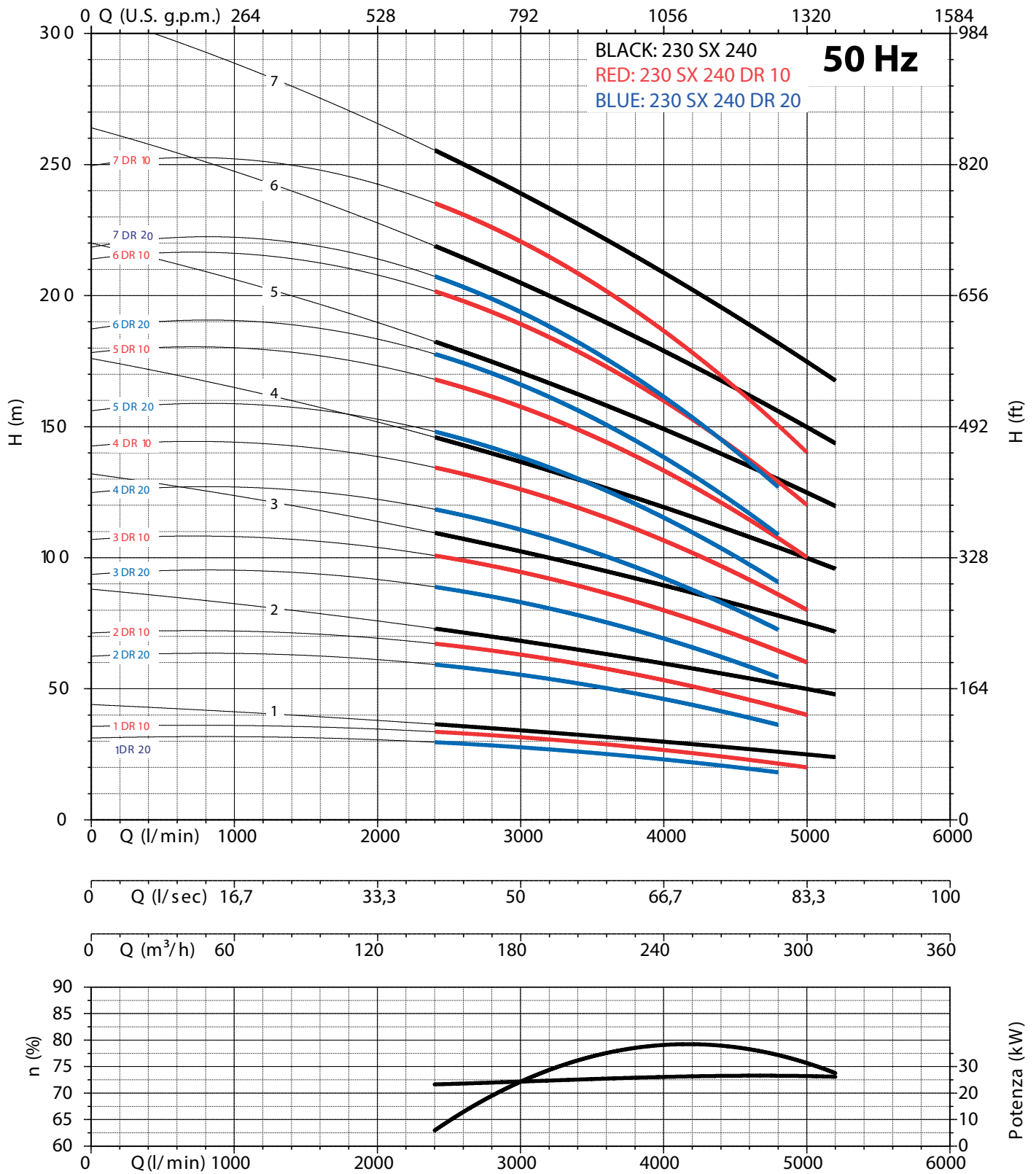
kW/st = Assorbimento per stadio  
kW/st = Absorption par étage  
kW/st = Stage absorption  
kW/st = Potencia absorbida por etapa

Max  
27,5

DR 10  
Max 22,5

DR 20  
Max 18

Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B



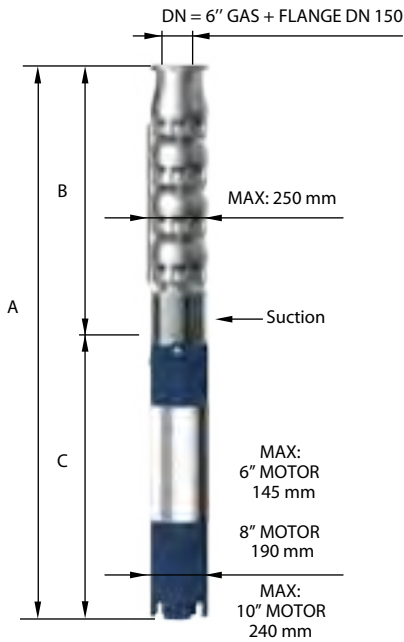
NPSH (m)	25%	50%	75%	100%
230 SX 240	3,4	5	7,8	11,8

**CARATTERISTICHE IDRAULICHE - HYDRAULIC PERFORMANCES**

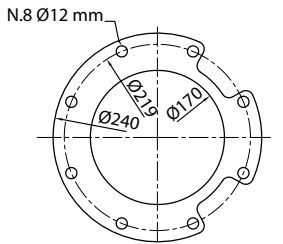
Q= Portata - Capacity - Debit **50 Hz n= 2900 min**

Tipo Type	Power		H(m)	l/min	0	3000	3400	3800	4200	4600	5000	5400	5800
	kW	HP		l/sec	0	50	56,67	63,33	70	76,67	83,33	90	96,67
				m <sup>3</sup> /h	0	180	204	228	252	276	300	324	348
230 SX 280/1 DR 20	26	35	H(m)	36	29	28	26	25	23	21	19	16	
230 SX 280/1 DR 10	30	40		41	33	32	31	29	27	26	24	21	
230 SX 280/1	37	50		45	38	37	35	34	32	30	28	25	
230 SX 280/2 DR 20	55	75		72	58	56	52	50	46	42	39	32	
230 SX 280/2 DR 10	66	90		82	67	65	62	59	55	52	48	42	
230 SX 280/2	66	90		90	75	73	70	67	63	60	56	50	
230 SX 280/3 DR 20	75	100		109	86	83	79	74	68	64	58	49	
230 SX 280/3 DR 10	92	125		122	100	97	92	88	82	77	72	62	
230 SX 280/3	110	150		135	113	110	105	101	95	90	85	75	
230 SX 280/4 DR 20	110	150		145	115	111	105	99	91	85	78	65	
230 SX 280/4 DR 10	129	175		163	134	130	123	118	110	103	96	83	
230 SX 280/4	129	175		180	150	146	140	134	126	120	113	100	
230 SX 280/5 DR 20	129	175		181	144	139	131	124	114	106	97	81	
230 SX 280/5 DR 10	147	200		204	167	162	154	147	137	129	120	104	
230 SX 280/5	165	225		225	188	183	175	168	158	150	141	125	
230 SX 280/6 DR 20	147	200		217	173	167	157	149	137	127	116	97	
230 SX 280/6 DR 10	185	250		245	200	194	185	176	164	155	144	125	
230 SX 280/6	220	300		270	226	220	210	202	190	180	169	150	
230 SX 280/7 DR 20	185	250		253	202	195	183	174	160	148	136	113	
230 SX 280/7 DR 10	220	300		286	234	227	216	206	192	181	168	146	
230 SX 280/7	250	340		315	263	256	245	235	221	210	197	175	

**DIMENSIONI D'INGOMBRO E PESI - OVERALL DIMENSIONS AND WEIGHTS**



Type	A mm Tri V 400	B mm	C mm Tri	M Kg Tri	P Kg
230 SX 280/1 DR 20	1806	625	1181	100	41
230 SX 280/1 DR 10	1876	625	1251	108	41
230 SX 280/1	1996	625	1341	118	41
230 SX 280/2 DR 20	2038	805	1233	200	56
230 SX 280/2 DR 10	2108	805	1303	214	56
230 SX 280/2	2108	805	1303	214	56
230 SX 280/3 DR 20	2368	985	1383	230	72
230 SX 280/3 DR 10	2568	985	1583	270	72
230 SX 280/3	2718	985	1733	300	72
230 SX 280/4 DR 20	2898	1165	1733	300	87
230 SX 280/4 DR 10	2799	1165	1634	385	87
230 SX 280/4	2799	1165	1634	385	87
230 SX 280/5 DR 20	2979	1345	1634	385	103
230 SX 280/5 DR 10	3079	1345	1734	415	103
230 SX 280/5	3199	1345	1854	444	103
230 SX 280/6 DR 20	3259	1525	1734	415	118
230 SX 280/6 DR 10	3509	1525	1984	480	118
230 SX 280/6	0	1525	0	0	118
230 SX 280/7 DR 20	0	1705	0	0	134
230 SX 280/7 DR 10	0	1705	0	0	134
230 SX 280/7	0	1705	0	0	134



FOR COMMERCIAL TUBE  
EXTERNAL DIAMETER: 168,3 mm

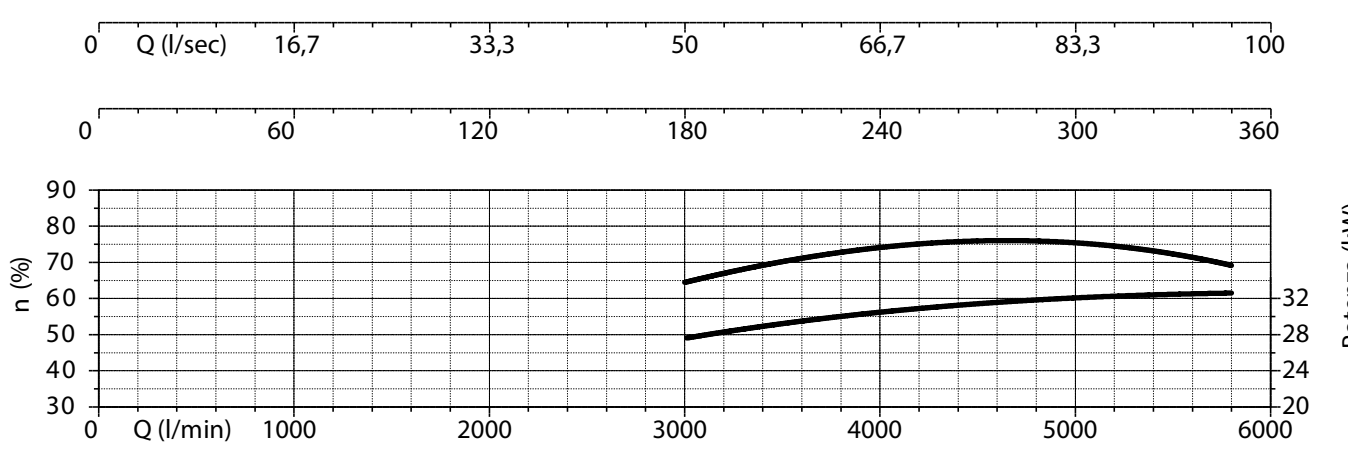
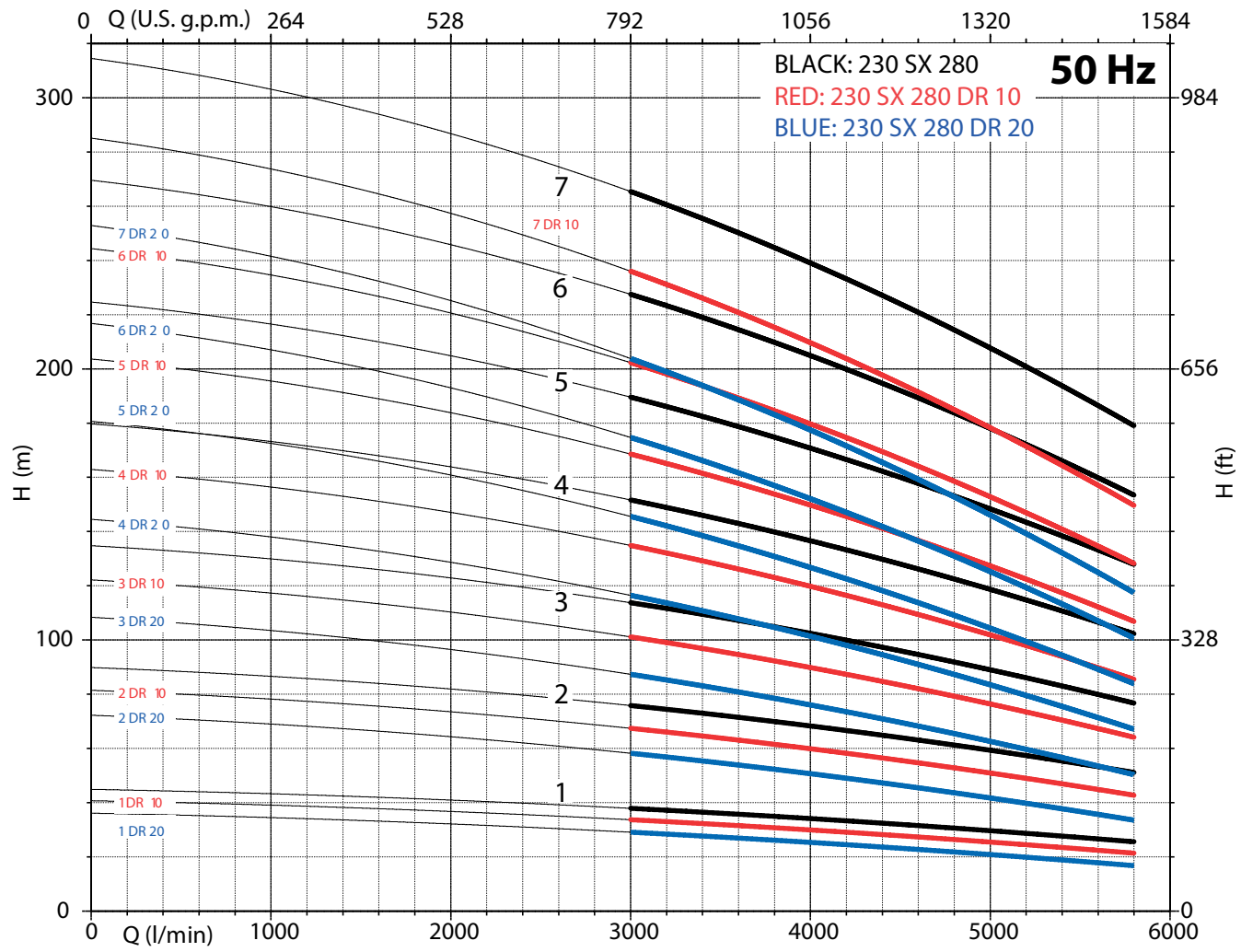
n% = Rendimento della pompa  
n% = Rendement de la pompe  
n% = Pump efficiency  
n% = Rendimiento de la bomba

**Max 76,5%**      **DR 10 Max 77,2%**      **DR 20 Max 76,1%**

kW/st = Assorbimento per stadio  
kW/st = Absorption par étage  
kW/st = Stage absorption  
kW/st = Potencia absorbida por etapa

**Max 33**      **DR 10 Max 29**      **DR 20 Max 25**

Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B



NPSH (m)	25%	50%	75%	100%
230 SX 280	3,4	5	7,8	11,8

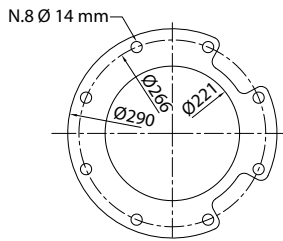
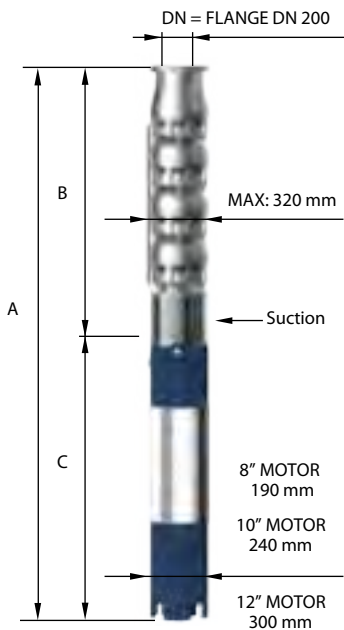
**CARATTERISTICHE IDRAULICHE - HYDRAULIC PERFORMANCES**

Q= Portata - Capacity - Debit **50 Hz n= 2900 min**

Tipo Type	Power		H(m)	0	3000	3500	4000	4500	5000	5500	6000	6500	7000	
	kW	HP		l/min	l/sec	l/sec	l/sec	l/sec	l/sec	l/sec	l/sec	l/sec	l/sec	l/sec
				m <sup>3</sup> /h	0	180	210	240	270	300	330	360	390	420
270 SX 370/1 DR 35	37	50	H(m)	41	38	37	37	35	33	32	29			
270 SX 370/1 DR 26	44	60		46	45	44	43	42	39	38	36	34		
270 SX 370/1 DR 20	55	75		49	48	47	47	45	44	42	40	38	34	
270 SX 370/1 DR 10	55	75		55	52	52	51	50	48	47	44	42	40	
270 SX 370/1	66	90		62	56	55	55	53	52	52	50	47	42	
270 SX 370/2 DR 35	75	100		82	76	74	73	70	66	63	57			
270 SX 370/2 DR 26	92	125		92	89	88	86	84	78	75	72	68		
270 SX 370/2 DR 20	110	150		98	95	94	93	90	87	84	80	75	68	
270 SX 370/2 DR 10	110	150		110	104	103	101	99	96	93	88	84	80	
270 SX 370/2	129	175		124	112	110	109	106	104	103	100	93	84	

**DIMENSIONI D'INGOMBRO E PESI - OVERALL DIMENSIONS AND WEIGHTS**

Type	A mm Tri V 400	B mm	C mm Tri	M Kg Tri	P Kg
270 SX 370/1 DR 35	1813	770	1043	160	79
270 SX 370/1 DR 26	1893	770	1123	178	79
270 SX 370/1 DR 20	2003	770	1233	200	79
270 SX 370/1 DR 10	2003	770	1233	200	79
270 SX 370/1	2073	770	1303	214	79
270 SX 370/2 DR 35	2383	1000	1383	230	104
270 SX 370/2 DR 26	2583	1000	1583	270	104
270 SX 370/2 DR 20	2733	1000	1733	300	104
270 SX 370/2 DR 10	2504	1000	1504	350	104
270 SX 370/2	2634	1000	1634	385	104



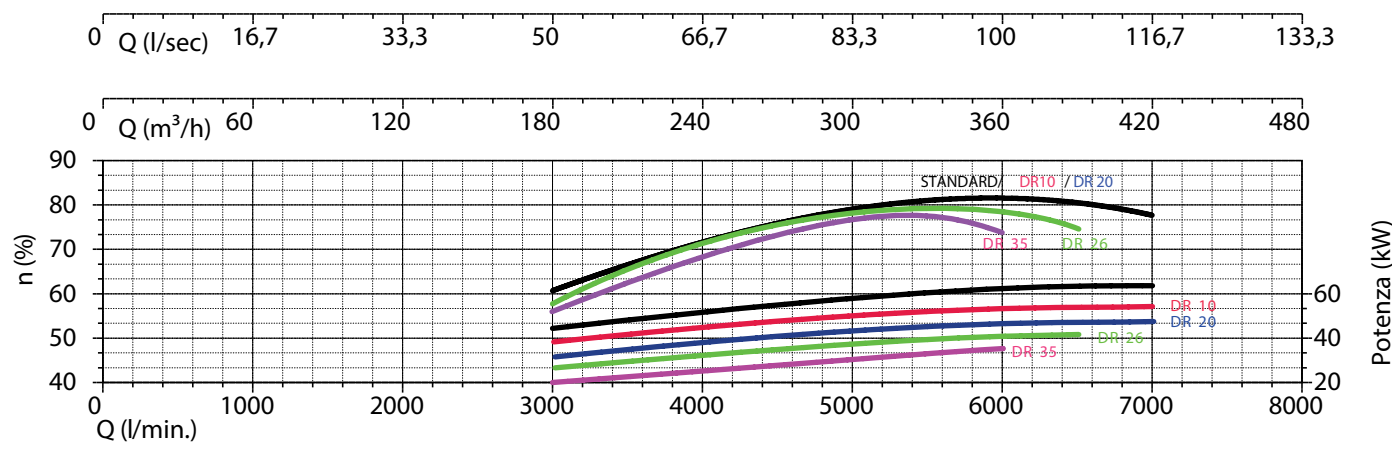
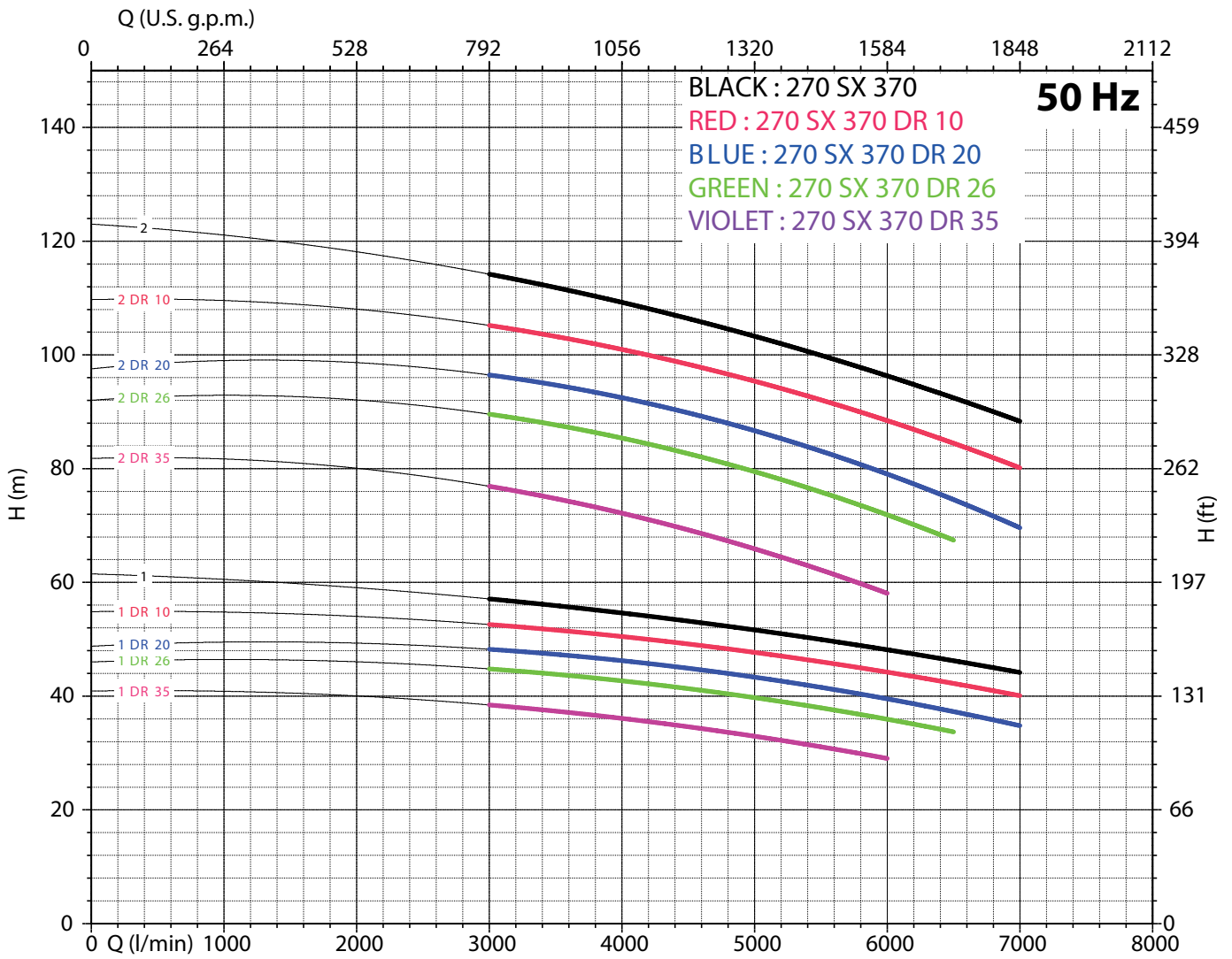
FOR COMMERCIAL TUBE  
EXTERNAL DIAMETER: 219,1 mm

n% = Rendimento della pompa  
n% = Rendement de la pompe  
n% = Pump efficiency  
n% = Rendimiento de la bomba

kW/st = Assorbimento per stadio  
kW/st = Absorption par étage  
kW/st = Stage absorption  
kW/st = Potencia absorbida por etapa

<b>Max 81%</b>	<b>DR 10</b> Max 80,5%	<b>DR 20</b> Max 80%	<b>DR 26</b> Max 78,5%	<b>DR 35</b> Max 77,5%
<b>Max 64,2</b>	<b>DR 10</b> Max 55,2	<b>DR 20</b> Max 49,5	<b>DR 26</b> Max 44,1	<b>DR 35</b> Max 36,8

Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B



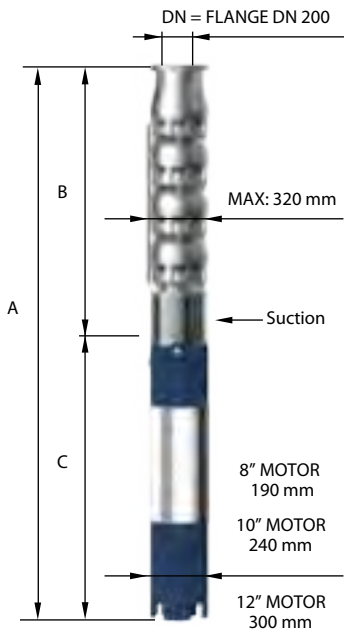
NPSH (m)	25%	50%	75%	100%
270 SX 370	3,4	5	7,8	11,8

**CARATTERISTICHE IDRAULICHE - HYDRAULIC PERFORMANCES**

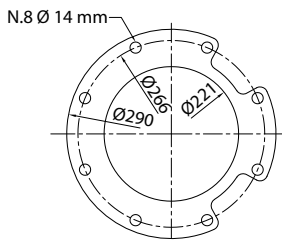
Q= Portata - Capacity - Debit **50 Hz n= 2900 min**

Tipo Type	Power		H(m)	0	3000	3500	4000	4500	5000	5500	6000	6500	7000			
	kW	HP		l/min	l/sec	m <sup>3</sup> /h	0	50	58,33	66,67	75	83,33	91,67	100	108,33	116,67
				0	180	210	240	270	300	330	360	390	420			
270 SX 370/3 DR 35	110	150	123	114	111	110	105	99	95	86						
270 SX 370/3 DR 26	129	175	138	134	132	129	126	117	113	108	102					
270 SX 370/3 DR 20	147	200	147	143	141	140	135	131	126	120	113	102				
270 SX 370/3 DR 10	165	225	165	156	155	152	149	144	140	132	126	120	120			
270 SX 370/3	220	300	186	168	165	164	159	156	155	150	140	126				
270 SX 370/4 DR 35	147	200	164	152	148	146	140	132	126	114						
270 SX 370/4 DR 26	185	250	184	178	176	172	168	156	150	144	136					
270 SX 370/4 DR 20	220	300	196	190	188	186	180	174	168	160	150	136				
270 SX 370/4 DR 10	220	300	220	208	206	202	198	192	186	176	168	160	160			
270 SX 370/4	250	340	248	224	220	218	212	208	206	200	186	168				
270 SX 370/5 DR 35	185	250	205	190	185	183	175	165	158	143						
270 SX 370/5 DR 26	220	300	230	223	220	215	210	195	188	180	170					
270 SX 370/5 DR 20	250	340	245	238	235	233	225	218	210	200	188	170	170			
270 SX 370/5 DR 10	300	408	275	260	258	253	248	240	233	220	210	200	200			
270 SX 370/5	350	475	310	280	275	273	265	260	258	250	233	210	210			

**DIMENSIONI D'INGOMBRO E PESI - OVERALL DIMENSIONS AND WEIGHTS**



Type	A mm Tri V 400	B mm	C mm Tri	M Kg Tri	P Kg
270 SX 370/3 DR 35	2963	1230	1733	300	129
270 SX 370/3 DR 26	2864	1230	1634	385	129
270 SX 370/3 DR 20	2964	1230	1734	415	129
270 SX 370/3 DR 10	3084	1230	1854	444	129
270 SX 370/3	3123	1230	1893	663	129
270 SX 370/4 DR 35	3194	1460	1734	415	154
270 SX 370/4 DR 26	3444	1460	1984	480	154
270 SX 370/4 DR 20	0	1460	0	0	154
270 SX 370/4 DR 10	0	1460	0	0	154
270 SX 370/4	0	1460	0	0	154
270 SX 370/5 DR 35	3674	1690	1984	480	179
270 SX 370/5 DR 26	0	1690	0	0	179
270 SX 370/5 DR 20	0	1690	0	0	179
270 SX 370/5 DR 10	0	1690	0	0	179
270 SX 370/5	0	1690	0	0	179



FOR COMMERCIAL TUBE  
EXTERNAL DIAMETER: 219,1 mm

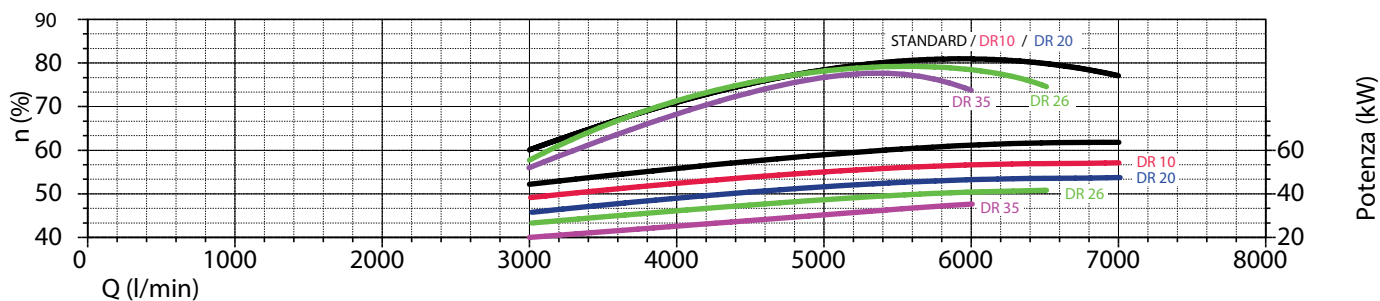
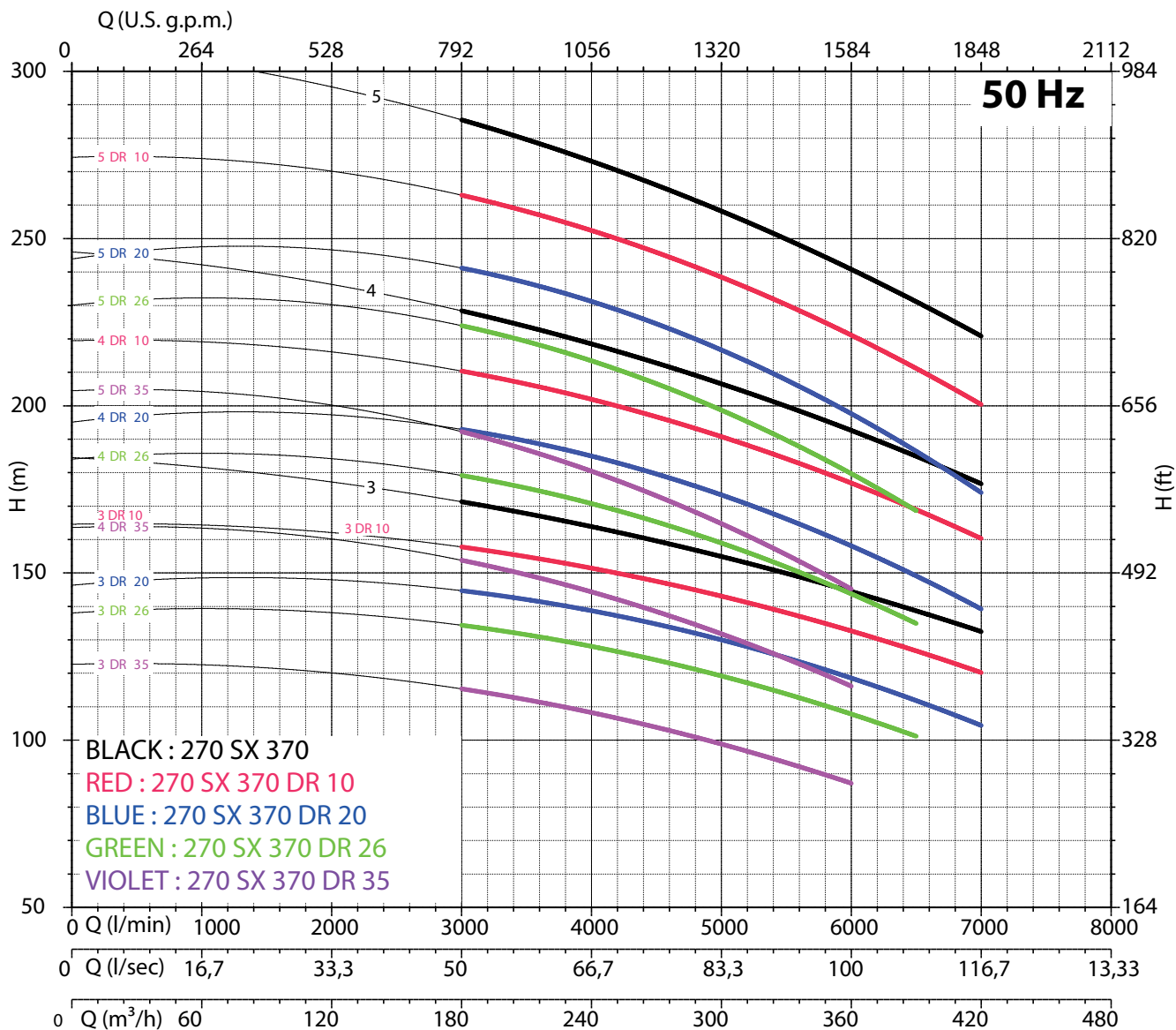
n% = Rendimento della pompa  
n% = Rendement de la pompe  
n% = Pump efficiency  
n% = Rendimiento de la bomba

kW/st = Assorbimento per stadio  
kW/st = Absorption par étage  
kW/st = Stage absorption  
kW/st = Potencia absorbida por etapa

**Max 81%**      **DR 10 Max 80,5%**      **DR 20 Max 80%**      **DR 26 Max 78,5%**      **DR 35 Max 77,5%**

**Max 64,2**      **DR 10 Max 55,2**      **DR 20 Max 49,5**      **DR 26 Max 44,1**      **DR 35 Max 36,8**

Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B



NPSH (m)	25%	50%	75%	100%
270 SX 370	3,4	5	7,8	11,8

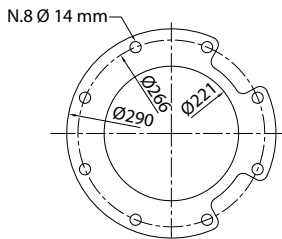
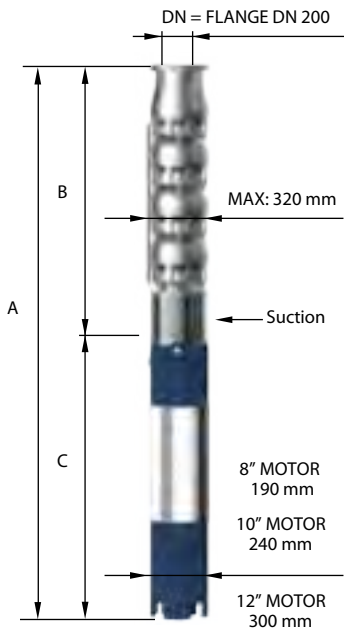
**CARATTERISTICHE IDRAULICHE - HYDRAULIC PERFORMANCES**

Q= Portata - Capacity - Debit **50 Hz n= 2900 min**

Tipo Type	Power		H(m)	l/min	0	4000	4500	5000	5500	6000	6500	7000	7500	8000	8500	9000
	kW	HP		l/sec	0	66,67	75	83,33	91,67	100	108,33	116,67	25	133,33	141,67	150
				m³/h	0	240	270	300	330	360	390	420	450	480	510	540
270 SX 440/1 DR 30	37	50	43	39	38	36	34	32	30	27	24					
270 SX 440/1 DR 20	44	60	47	44	43	41	39	37	35	33	30	26	22			
270 SX 440/1 DR 10	55	75	53	50	48	46	44	42	40	38	36	32	28			
270 SX 440/1	66	90	58	54	52	50	48	46	44	42	40	37	31	27		
270 SX 440 A/1	66	90	61	57	54	53	52	50	48	46	44	41	39	32		
270 SX 440/2 DR 30	75	100	86	78	76	72	68	64	60	54	48					
270 SX 440/2 DR 20	92	125	94	88	86	82	77	73	69	65	59	52	44			
270 SX 440/2 DR 10	110	150	106	100	96	92	88	84	80	76	71	64	56			
270 SX 440/2	129	175	116	108	104	100	96	92	88	84	80	73	62	54		
270 SX 440 A/2	147	200	122	114	108	106	104	100	96	92	89	82	78	64		

**DIMENSIONI D'INGOMBRO E PESI - OVERALL DIMENSIONS AND WEIGHTS**

Type	A mm Tri V 400	B mm	C mm Tri	M Kg Tri	P Kg
270 SX 440/1 DR 30	1813	770	1043	160	79
270 SX 440/1 DR 20	1893	770	1123	178	79
270 SX 440/1 DR 10	2003	770	1233	200	79
270 SX 440/1	2073	770	1303	214	79
270 SX 440 A/1	2073	770	1303	214	79
270 SX 440/2 DR 30	2383	1000	1383	230	104
270 SX 440/2 DR 20	2583	1000	1583	270	104
270 SX 440/2 DR 10	2733	1000	1733	300	104
270 SX 440/2	2634	1000	1634	385	104
270 SX 440 A/2	2734	1000	1734	415	104



FOR COMMERCIAL TUBE  
EXTERNAL DIAMETER: 219,1 mm

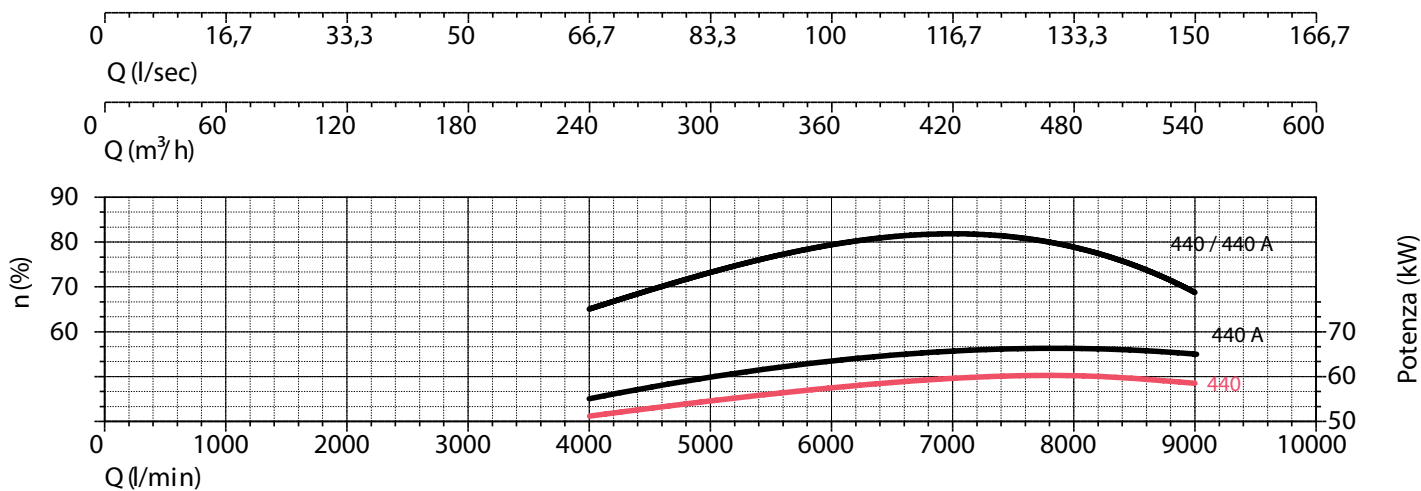
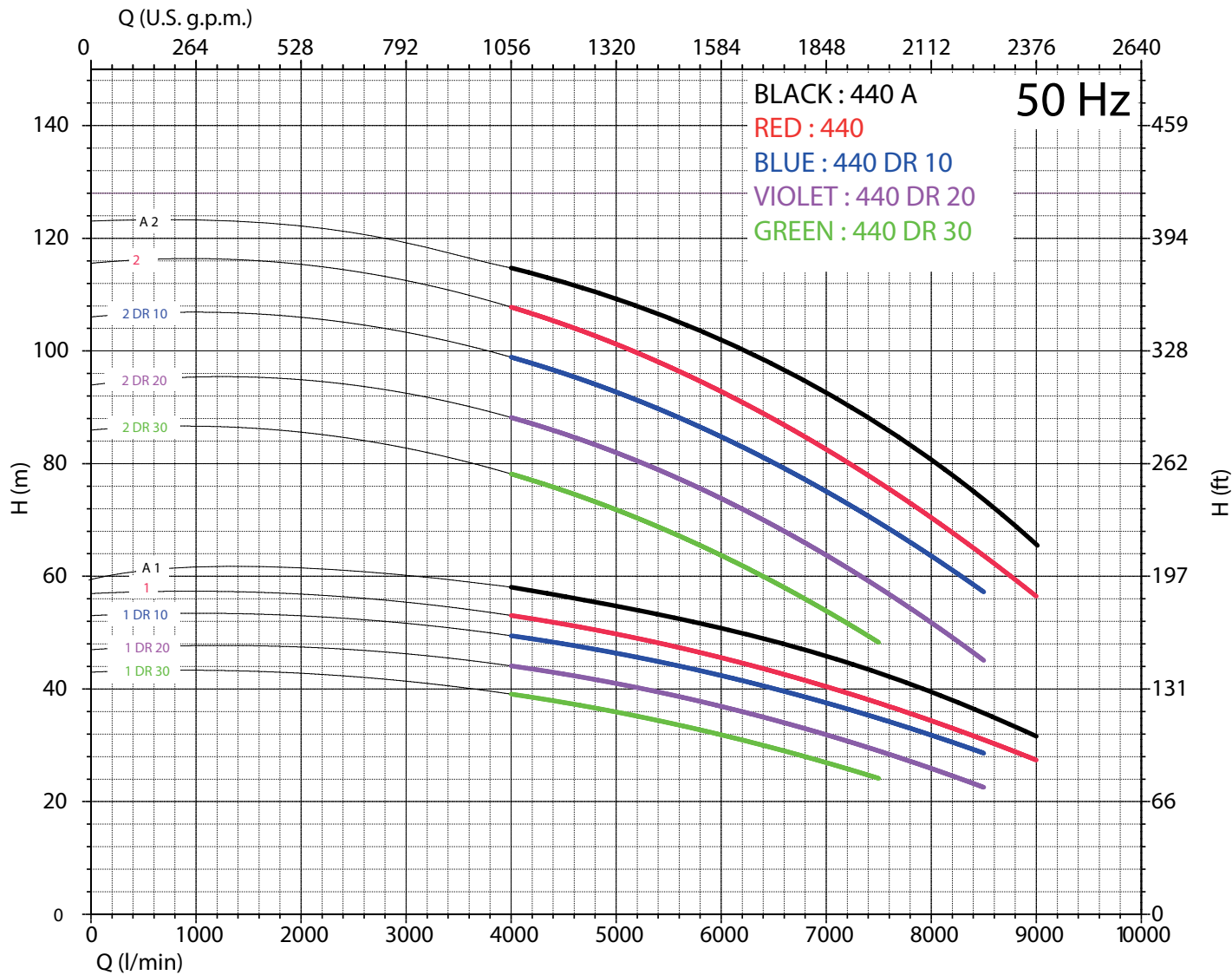
n% = Rendimento della pompa  
n% = Rendement de la pompe  
n% = Pump efficiency  
n% = Rendimiento de la bomba

kW/st = Assorbimento per stadio  
kW/st = Absorption par étage  
kW/st = Stage absorption  
kW/st = Potencia absorbida por etapa

**440 A** Max 82,5%    **440** Max 81,6%    **440 DR 10** Max 82,7%    **440 DR 20** Max 81,8%    **440 DR 30** Max 81,2%

**440 A** Max 67    **440** Max 60,4    **440 DR 10** Max 53    **440 DR 20** Max 45,6    **440 DR 30** Max 37

Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

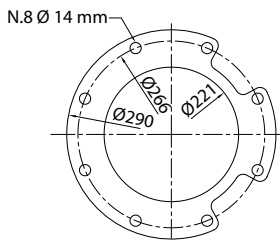
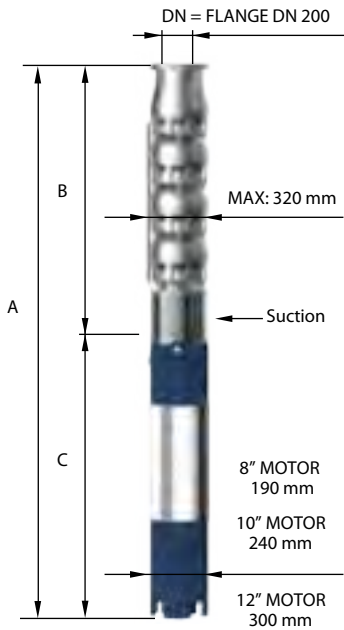


NPSH (m)	25%	50%	75%	100%
270 SX 440	3,4	5	7,8	11,8

**CARATTERISTICHE IDRAULICHE - HYDRAULIC PERFORMANCES**

Q= Portata - Capacity - Debit **50 Hz n= 2900 min**

Tipo Type	Power		H(m)	l/min	0	4000	4500	5000	5500	6000	6500	7000	7500	8000	8500	9000
	kW	HP		l/sec	0	66,67	75	83,33	91,67	100	108,33	116,67	25	133,33	141,67	150
				m³/h	0	240	270	300	330	360	390	420	450	480	510	540
270 SX 440/3 DR 30	129	175		129	117	113	108	102	96	89	81	72				
270 SX 440/3 DR 20	147	200		141	132	129	123	116	110	104	98	89	78	66		
270 SX 440/3 DR 10	165	225		159	150	144	138	132	126	120	114	107	96	84		
270 SX 440/3	185	250		174	162	156	150	144	138	132	126	120	110	93	81	
270 SX 440 A/3	220	300		183	171	162	159	156	150	144	138	134	123	117	96	
270 SX 440/4 DR 30	165	225		172	156	150	144	136	128	118	108	96				
270 SX 440/4 DR 20	185	250		188	176	172	164	154	146	138	130	118	104	88		
270 SX 440/4 DR 10	220	300		212	200	192	184	176	168	160	152	142	128	112		
270 SX 440/4	250	340		232	216	208	200	192	184	176	168	160	146	124	108	
270 SX 440 A/4	300	408		244	228	216	212	208	200	192	184	178	164	156	128	
270 SX 440/5 DR 30	220	300		215	195	188	180	170	160	148	135	120				
270 SX 440/5 DR 20	250	340		235	220	215	205	193	183	173	163	148	130	110		
270 SX 440/5 DR 10	300	408		265	250	240	230	220	210	200	190	178	160	140		
270 SX 440/5	300	408		290	270	260	250	240	230	220	210	200	183	155	135	
270 SX 440 A/5	350	475		305	285	270	265	260	250	240	230	223	205	195	160	



FOR COMMERCIAL TUBE  
EXTERNAL DIAMETER: 219,1 mm

n% = Rendimento della pompa  
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n% = Pump efficiency  
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kW/st = Assorbimento per stadio  
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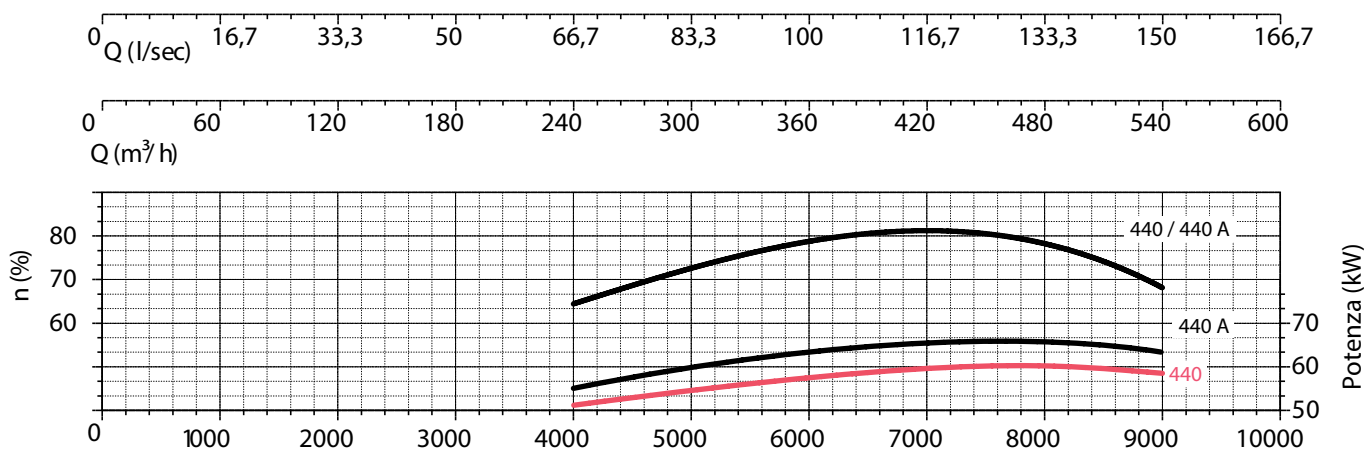
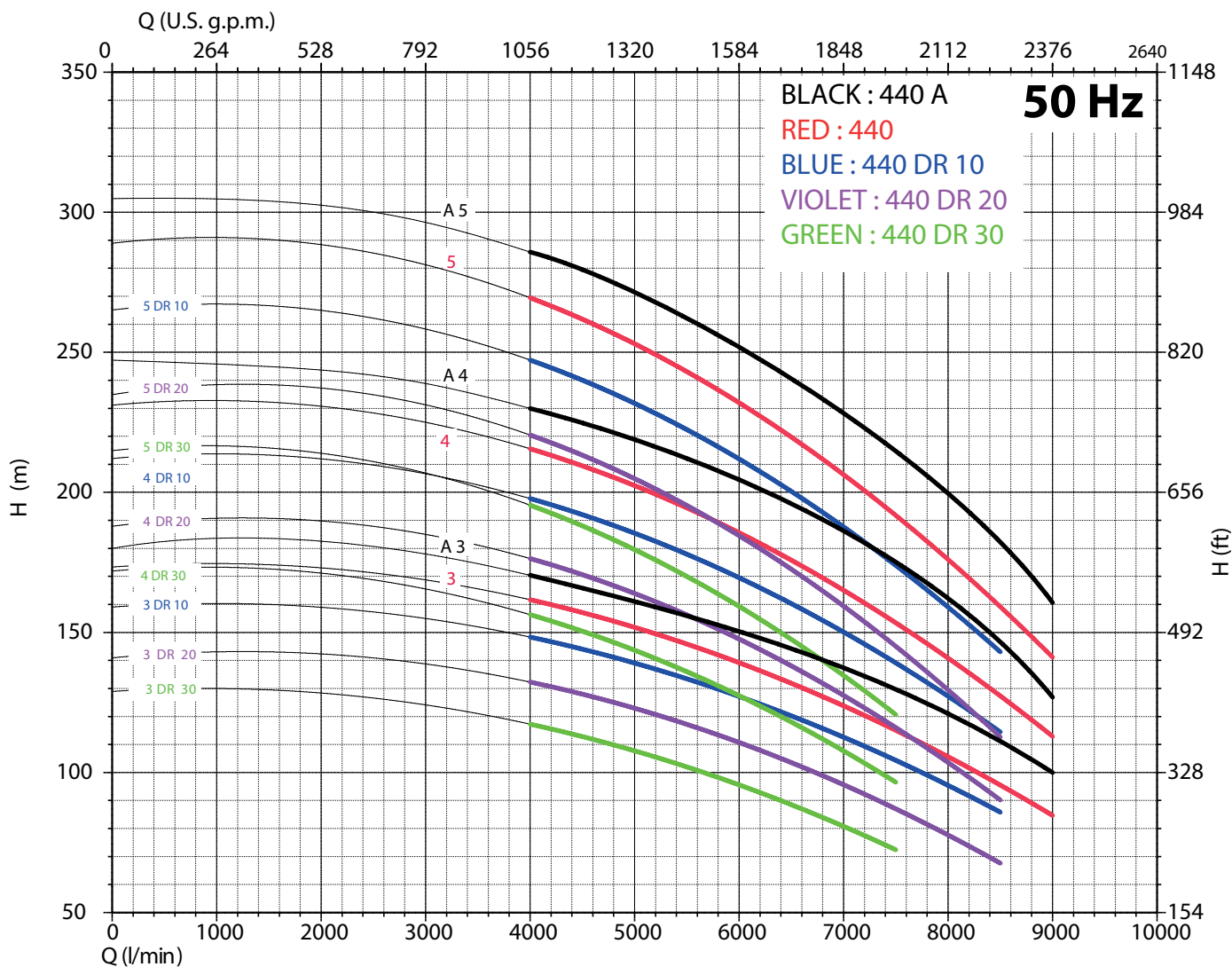
**DIMENSIONI D'INGOMBRO E PESI - OVERALL DIMENSIONS AND WEIGHTS**

Type	A mm Tri V 400	B mm	C mm Tri	M Kg Tri	P Kg
270 SX 440/3 DR 30	2864	1230	1634	385	129
270 SX 440/3 DR 20	2964	1230	1734	415	129
270 SX 440/3 DR 10	3084	1230	1854	444	129
270 SX 440/3	3214	1230	1984	480	129
270 SX 440 A/3	0	1230	0	0	129
270 SX 440/4 DR 30	3314	1460	1854	444	154
270 SX 440/4 DR 20	3444	1460	1984	480	154
270 SX 440/4 DR 10	0	1460	0	0	154
270 SX 440/4	0	1460	0	0	154
270 SX 440 A/4	0	1460	0	0	154
270 SX 440/5 DR 30	0	1690	0	0	179
270 SX 440/5 DR 20	0	1690	0	0	179
270 SX 440/5 DR 10	0	1690	0	0	179
270 SX 440/5	0	1690	0	0	179
270 SX 440 A/5	0	1690	0	0	179

**440 A** Max 82,5%    **440** Max 81,6%    **440 DR 10** Max 82,7%    **440 DR 20** Max 81,8%    **440 DR 30** Max 81,2%

**440 A** Max 67    **440** Max 60,4    **440 DR 10** Max 53    **440 DR 20** Max 45,6    **440 DR 30** Max 37

Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B



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