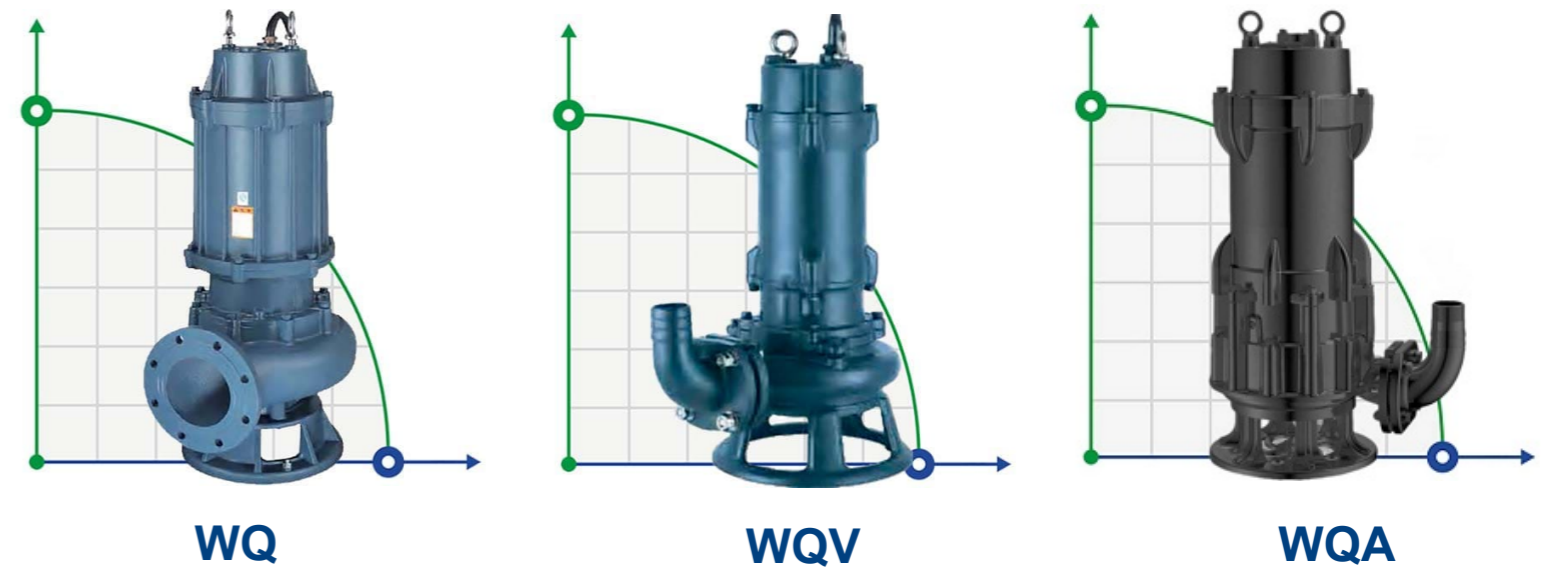


50Hz



WQ, WQV, WQA Submersible sewage pump
WQ, WQV, WQA Bomba sumergible para aguas sucias
WQ, WQV, WQA Pompe submersible pour eaux usées



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WQ

Submersible sewage pump Bomba sumergible para aguas sucias Pompe submersible pour eaux usées

NEW/NUEVO/NOUVEAU

DESCRIPTION/DESCRIPCIONES/DESCRIPTION

- ◆ Complete range with a full series submersible sewage pumps
- ◆ Better hydraulic characteristics
- ◆ Pump case in heavy gauge robust cast iron HT250
- ◆ Casing resistant to abrasion and long-lasting
- ◆ YE3 high efficient motor, with protection IP68 class F
- ◆ Impeller in two vanes, non-clogging, close but big fluid channels
- ◆ Discharge port with bolts, nuts and gaskets

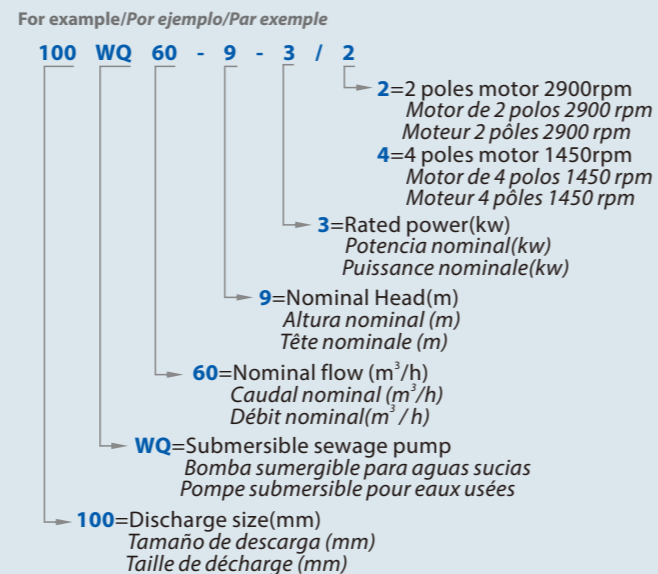
- ◆ Gama completa con una serie completa de bombas para aguas residuales
- ◆ Mejores características hidráulicas
- ◆ Caja de bomba en hierro fundido robusto de gran calibre HT250
- ◆ Carcasa resistente a la abrasión y duradera.
- ◆ Motor de alta eficiencia YE3, con protección IP68 clase F
- ◆ Impulsor en dos paletas, sin obstrucción, tipo de canales grande
- ◆ Puerto de descarga con pernos, tuercas y empalmes

- ◆ Gamme complète avec une série complète de pompes pour eaux usées
- ◆ Meilleures caractéristiques hydrauliques
- ◆ Carter de pompe en fonte robuste de fort calibre HT250
- ◆ Boîtier résistant à l'abrasion et durable
- ◆ Moteur haute efficacité YE3, avec protection IP68 classe F
- ◆ Roue à deux aubes, non obstruante, type à canaux étroits mais gros
- ◆ Orifice de décharge avec boulons, écrous et joints

USING LIMITS/LÍMITES UTILIZACIÓN/UTILISATION LIMITES

- ◆ Temperature of the liquid to +40 °C
- ◆ 10m maximum immersion depth
- ◆ Solids passage: from 25mm to 75mm
- ◆ Temperatura del líquido a +40 °C
- ◆ 10m de profundidad de inmersión máxima
- ◆ Paso de sólidos: de 25 mm a 75 mm
- ◆ Température du liquide à +40 °C
- ◆ Profondeur d'immersion maximale de 10m
- ◆ Passage des solides: de 25 mm à 75 mm

MODEL CODE/CÓDIGO MODELO/CODE MODÈLE



TECHNICAL DATA/DATOS TÉCNICOS/DONNÉES TECHNIQUES

MODEL MODELO MODÈLE	DN mm	Flow Caudal Débit m ³ /h	Head Altura Hauteur m	Power Potencia Puissance kw	RPM
50WQ10-10-0.75/2	50	10	10	0.75	2900
50WQ7-15-1.1/2	50	7	15	1.1	2900
25WQ5-22-1.1/2	25	5	22	1.1	2900
32WQ6-20-1.1/2	32	6	20	1.1	2900
40WQ7-18-1.1/2	40	7	18	1.1	2900
50WQ10-12-1.1/2	50	10	12	1.1	2900
65WQ15-9-1.1/2	65	15	9	1.1	2900
40WQ8-18-1.5/2	40	8	18	1.5	2900
50WQ10-16-1.5/2	50	10	16	1.5	2900
50WQ15-15-1.5/2	50	15	15	1.5	2900
65WQ20-10-1.5/2	65	20	10	1.5	2900
80WQ40-7-1.5/2	80	40	7	1.5	2900
100WQ50-5-1.5/2	100	50	5	1.5	2900
40WQ8-24-2.2/2	40	8	24	2.2	2900
50WQ9-22-2.2/2	50	9	22	2.2	2900
50WQ15-20-2.2/2	50	15	20	2.2	2900
65WQ20-15-2.2/2	65	20	15	2.2	2900
80WQ40-10-2.2/2	80	40	10	2.2	2900
100WQ50-7-2.2/2	100	50	7	2.2	2900
50WQ15-25-3/2	50	15	25	3	2900
65WQ25-18-3/2	65	25	18	3	2900
65WQ37-13-3/2	65	37	13	3	2900
80WQ45-12-3/2	80	45	12	3	2900
80WQ43-13-3/2	80	43	13	3	2900
100WQ60-9-3/2	100	60	9	3	2900
50WQ15-30-4/2	50	15	30	4	2900
65WQ25-25-4/2	65	25	25	4	2900
80WQ40-16-4/2	80	40	16	4	2900
100WQ60-12-4/2	100	60	12	4	2900
100WQ80-10-4/2	100	80	10	4	2900
50WQ20-35-5.5/2	50	20	35	5.5	2900
65WQ25-30-5.5/2	65	25	30	5.5	2900
80WQ40-22-5.5/2	80	40	22	5.5	2900
100WQ60-18-5.5/2	100	60	18	5.5	2900
150WQ120-8-5.5/2	150	120	8	5.5	2900
50WQ20-42-7.5/2	50	20	42	7.5	2900
65WQ25-36-7.5/2	65	25	36	7.5	2900
80WQ40-28-7.5/2	80	40	28	7.5	2900
100WQ65-22-7.5/2	100	65	22	7.5	2900
150WQ100-10-7.5/2	150	100	10	7.5	2900
50WQ20-55-11/2	50	20	55	11	2900
65WQ30-40-11/2	65	30	40	11	2900
80WQ60-30-11/2	80	60	30	11	2900

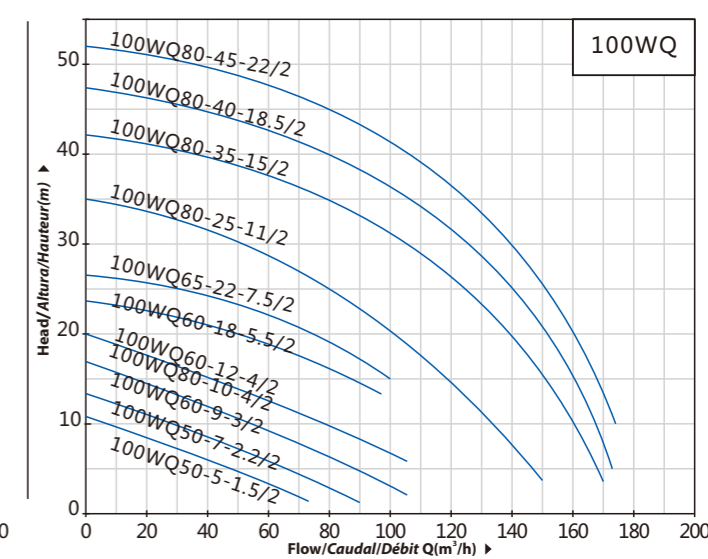
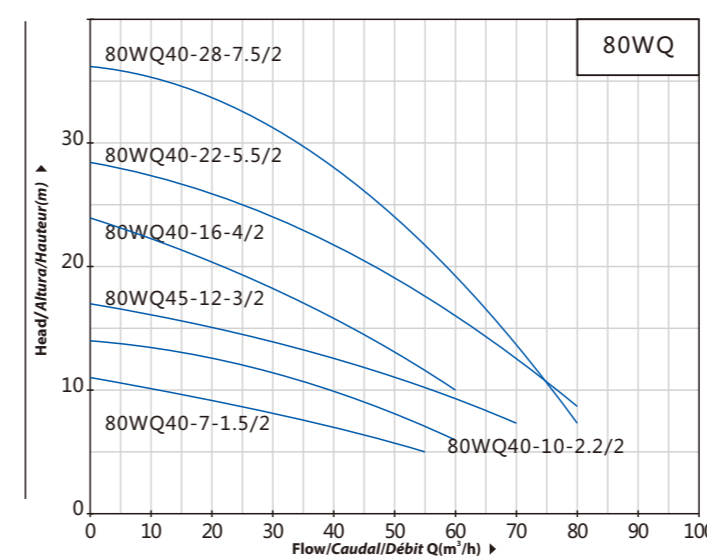
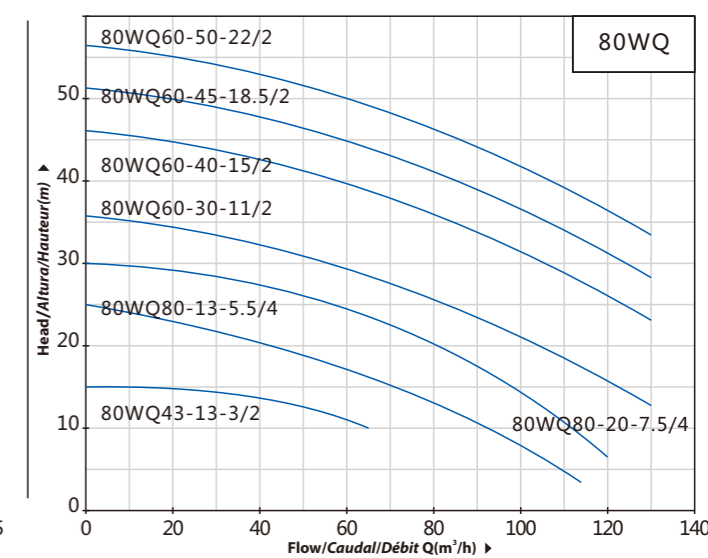
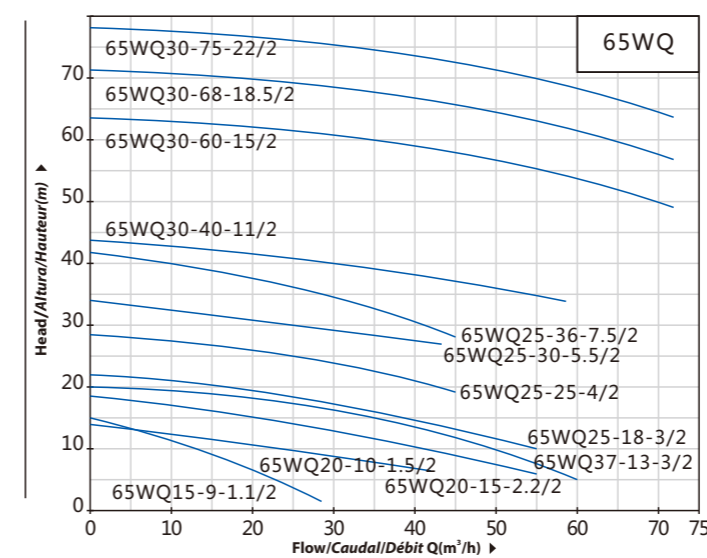
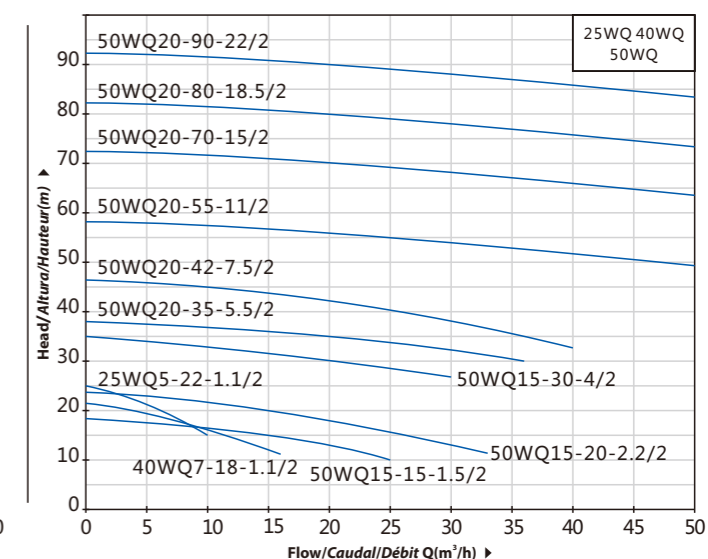
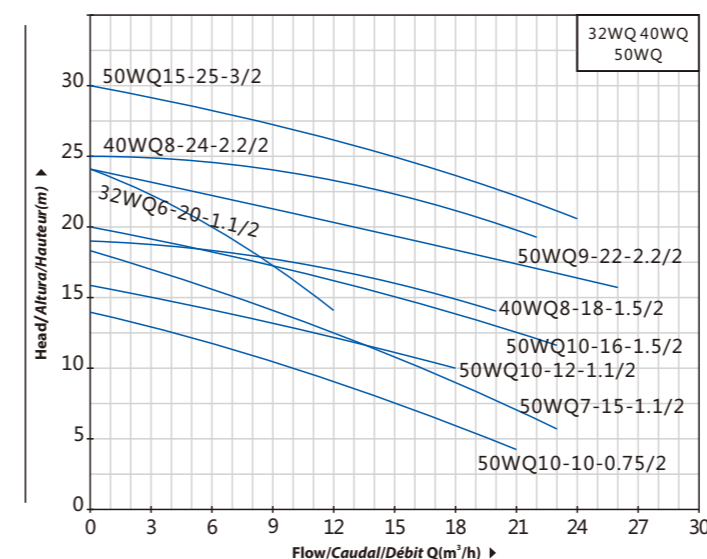
MODEL MODELO MODÈLE	DN mm	Flow Caudal Débit m ³ /h	Head Altura Hauteur m	Power Potencia Puissance kw	RPM
100WQ80-25-11/2	100	80	25	11	2900
150WQ100-20-11/2	150	100	20	11	2900
150WQ120-15-11/2	150	120	15	11	2900
200WQ180-11-11/2	200	180	11	11	2900
50WQ20-70-15/2	50	20	70	15	2900
65WQ30-60-15/2	65	30	60	15	2900
80WQ60-40-15/2	80	60	40	15	2900
100WQ80-35-15/2	100	80	35	15	2900
150WQ100-30-15/2	150	100	30	15	2900
150WQ120-25-15/2	150	120	25	15	2900
200WQ180-15-15/2	200	180	15	15	2900
50WQ20-80-18.5/2	50	20	80	18.5	2900
65WQ30-68-18.5/2	65	30	68	18.5	2900
80WQ60-45-18.5/2	80	60	45	18.5	2900
100WQ80-40-18.5/2	100	80	40	18.5	2900
150WQ100-36-18.5/2	150	100	36	18.5	2900
200WQ180-18-18.5/2	200	180	18	18.5	2900
50WQ20-90-22/2	50	20	90	22	2900
65WQ30-75-22/2	65	30	75	22	2900
80WQ60-50-22/2	80	60	50	22	2900
100WQ80-45-22/2	100	80	45	22	2900
150WQ100-40-22/2	150	100	40	22	2900
200WQ200-20-22/2	200	200	20	22	2900
80WQ80-13-5.5/4	80	80	13	5.5	1450
100WQ110-10-5.5/4	100	110	10	5.5	1450
150WQ150-7-5.5/4	150	150	7	5.5	1450
80WQ80-20-7.5/4	80	80	20	7.5	1450
100WQ100-15-7.5/4	100	100	15	7.5	1450
150WQ145-9-7.5/4	150	145	9	7.5	1450
200WQ250-6-7.5/4	200	250	6	7.5	1450
100WQ100-25-11/4	100	100	25	11	1450
150WQ180-11-11/4	150	180	11	11	1450
200WQ300-7-11/4	200	300	7	11	1450
250WQ400-5-11/4	250	400	5	11	1450
100WQ100-30-15/4	100	100	30	15	1450
150WQ200-15-15/4	150	200	15	15	1450
200WQ250-11-15/4	200	250	11	15	1450
250WQ500-5-15/4	250	500	5	15	1450
100WQ100-35-18.5/4	100	100	35	18.5	1450
150WQ180-20-18.5/4	150	180	20	18.5	1450
200WQ250-15-18.5/4	200	250	15	18.5	1450
200WQ350-10-18.5/4	200	350	10	18.5	1450
250WQ500-7-18.5/4	250	500	7	18.5	1450

TECHNICAL DATA/DATOS TÉCNICOS/DONNÉES TECHNIQUES

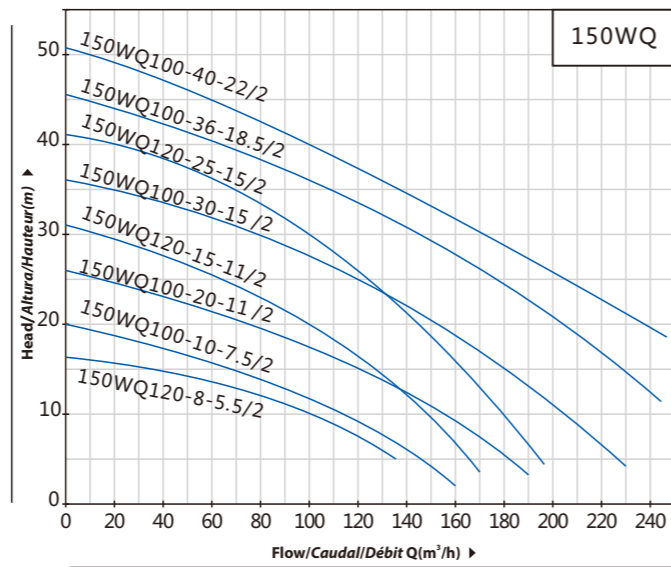
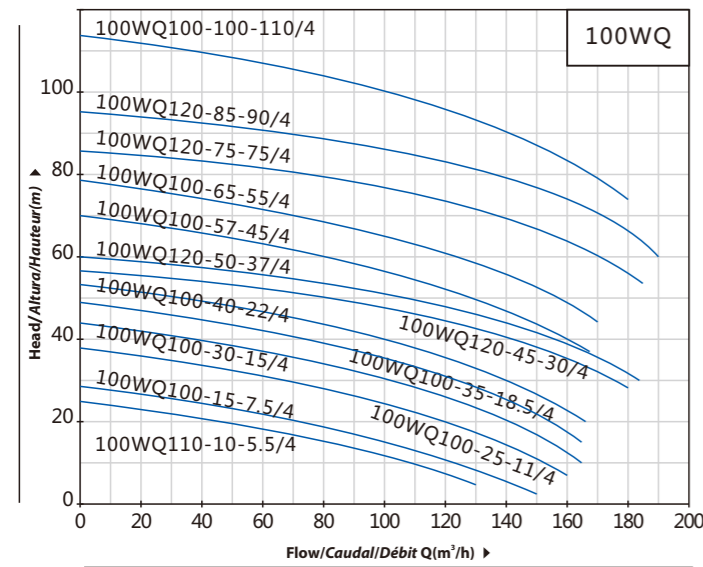
MODEL MODELO MODÈLE	DN mm	Flow Caudal Débit m³/h	Head Altura Hauteur m	Power Potencia Puissance kw	RPM
300WQ650-5-18.5/4	300	650	5	18.5	1450
100WQ100-40-22/4	100	100	40	22	1450
150WQ200-22-22/4	150	200	22	22	1450
200WQ300-16-22/4	200	300	16	22	1450
200WQ400-10-22/4	200	400	10	22	1450
250WQ500-9-22/4	250	500	9	22	1450
300WQ650-7-22/4	300	650	7	22	1450
100WQ120-45-30/4	100	120	45	30	1450
150WQ180-30-30/4	150	180	30	30	1450
200WQ250-22-30/4	200	250	22	30	1450
250WQ500-12-30/4	250	500	12	30	1450
250WQ600-9-30/4	250	600	9	30	1450
300WQ800-7-30/4	300	800	7	30	1450
300WQ1000-6-30/6	300	1000	6	30	980
350WQ1500-4-30/6	350	1500	4	30	980
100WQ120-50-37/4	100	120	50	37	1450
150WQ200-35-37/4	150	200	35	37	1450
200WQ300-28-37/4	200	300	28	37	1450
200WQ350-25-37/4	200	350	25	37	1450
250WQ600-12-37/4	250	600	12	37	1450
300WQ800-9-37/4	300	800	9	37	1450
350WQ1000-6-37/4	350	1000	6	37	1450
350WQ1100-6-37/6	350	1100	6	37	980
100WQ100-57-45/4	100	100	57	45	1450
150WQ200-40-45/4	150	200	40	45	1450
200WQ300-32-45/4	200	300	32	45	1450
200WQ400-25-45/4	200	400	25	45	1450
250WQ600-15-45/4	250	600	15	45	1450
300WQ800-12-45/4	300	800	12	45	1450
350WQ1200-8-45/4	350	1200	8	45	1450
350WQ1300-8-45/6	350	1300	8	45	980
100WQ100-65-55/4	100	100	65	55	1450
150WQ180-50-55/4	150	180	50	55	1450
200WQ300-40-55/4	200	300	40	55	1450
200WQ400-30-55/4	200	400	30	55	1450
250WQ600-20-55/4	250	600	20	55	1450
300WQ800-15-55/4	300	800	15	55	1450
350WQ1000-10-55/4	350	1000	10	55	1450
350WQ1100-10-55/6	350	1100	10	55	980
100WQ120-75-75/4	100	120	75	75	1450
150WQ200-60-75/4	150	200	60	75	1450
200WQ350-45-75/4	200	350	45	75	1450
250WQ600-25-75/4	250	600	25	75	1450

MODEL MODELO MODÈLE	DN mm	Flow Caudal Débit m³/h	Head Altura Hauteur m	Power Potencia Puissance kw	RPM
300WQ800-20-75/4	300	800	20	75	1450
350WQ1000-15-75/4	350	1000	15	75	1450
350WQ1500-12-75/6	350	1500	12	75	980
100WQ120-85-90/4	100	120	85	90	1450
150WQ200-70-90/4	150	200	70	90	1450
200WQ300-60-90/4	200	300	60	90	1450
200WQ400-50-90/4	200	400	50	90	1450
250WQ600-30-90/4	250	600	30	90	1450
300WQ800-25-90/4	300	800	25	90	1450
350WQ1000-18-90/4	350	1000	18	90	1450
350WQ1200-18-90/6	350	1200	18	90	980
100WQ100-100-110/4	100	100	100	110	1450
150WQ180-80-110/4	150	180	80	110	1450
200WQ300-65-110/4	200	300	65	110	1450
250WQ600-40-110/4	250	600	40	110	1450
300WQ1000-25-110/4	300	1000	25	110	1450
350WQ1300-20-110/4	350	1300	20	110	1450
350WQ1600-16-110/6	350	1600	16	110	980
150WQ200-90-132/4	150	200	90	132	1450
200WQ400-75-132/4	200	400	75	132	1450
250WQ600-50-132/4	250	600	50	132	1450
300WQ800-36-132/4	300	800	36	132	1450
350WQ1100-28-132/4	350	1100	28	132	1450
350WQ1500-20-132/6	350	1500	20	132	980
150WQ220-100-160/4	150	220	100	160	1450
200WQ400-85-160/4	200	400	85	160	1450
250WQ600-60-160/4	250	600	60	160	1450
300WQ800-40-160/4	300	800	40	160	1450
350WQ1000-35-160/4	350	1000	35	160	1450
350WQ1200-35-160/6	350	1200	35	160	980
150WQ200-110-185/4	150	200	110	185	1450
200WQ400-90-185/4	200	400	90	185	1450
250WQ600-70-185/4	250	600	70	185	1450
300WQ900-40-185/4	300	900	40	185	1450
350WQ1100-38-185/4	350	1100	38	185	1450
250WQ750-75-200/4	250	750	75	200	1450
300WQ1000-45-200/4	300	1000	45	200	1450
350WQ1300-35-200/4	350	1300	35	200	980
300WQ1100-45-250/4	300	1100	45	250	1450
350WQ1500-36-250/4	350	1500	36	250	1450
300WQ1000-55-315/4	300	1000	55	315	1450
350WQ1500-45-315/4	350	1500	45	315	1450

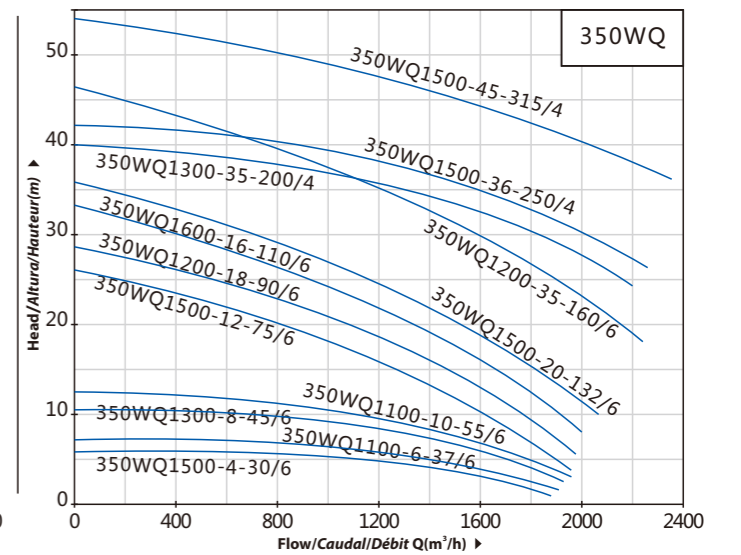
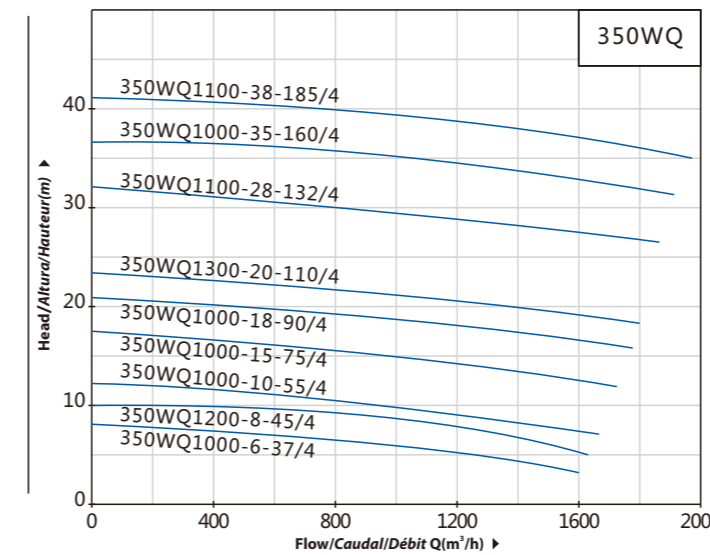
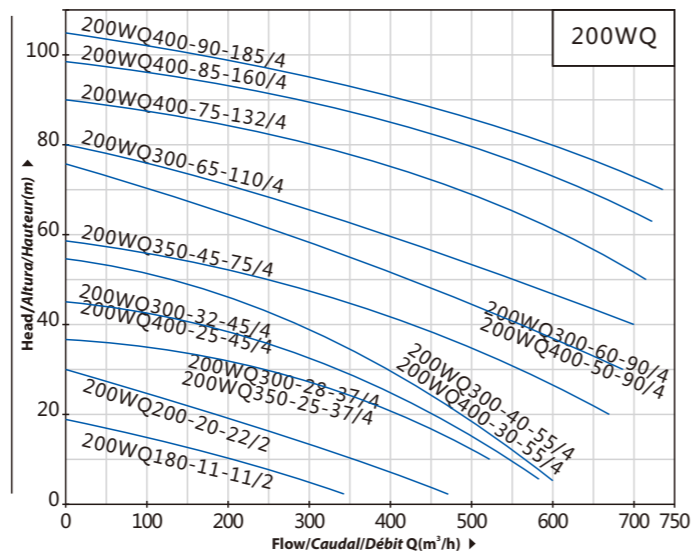
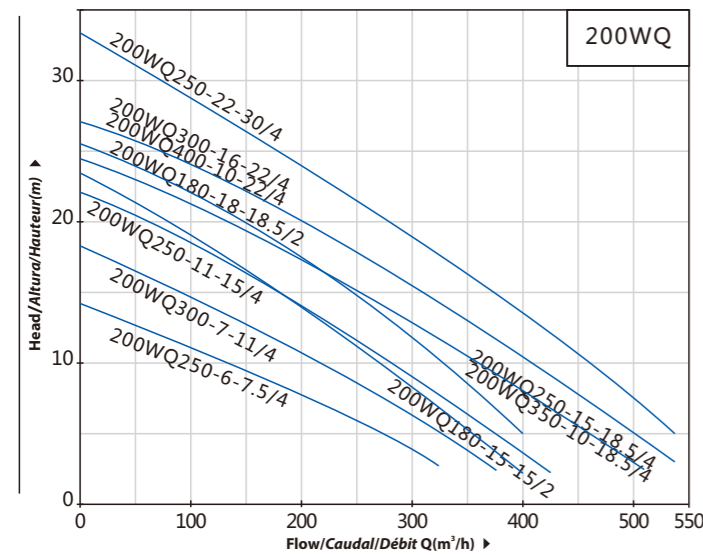
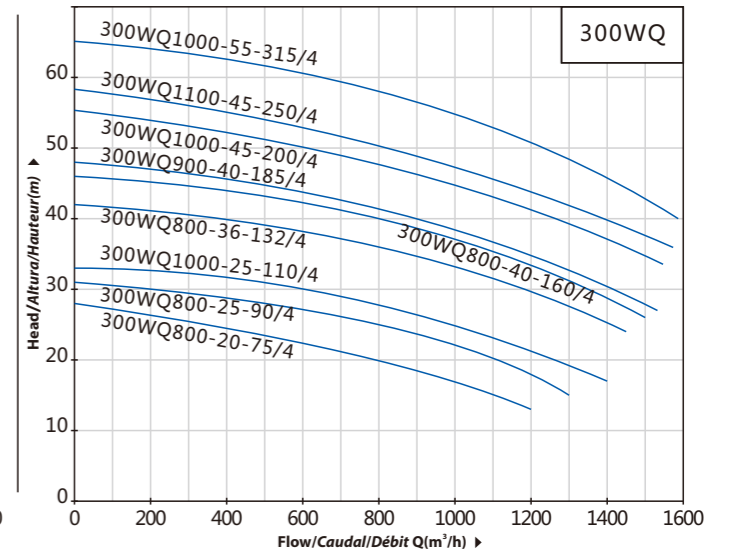
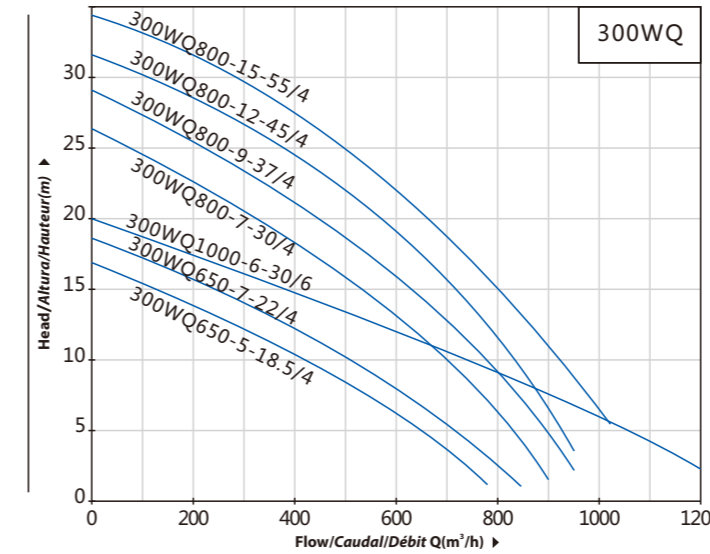
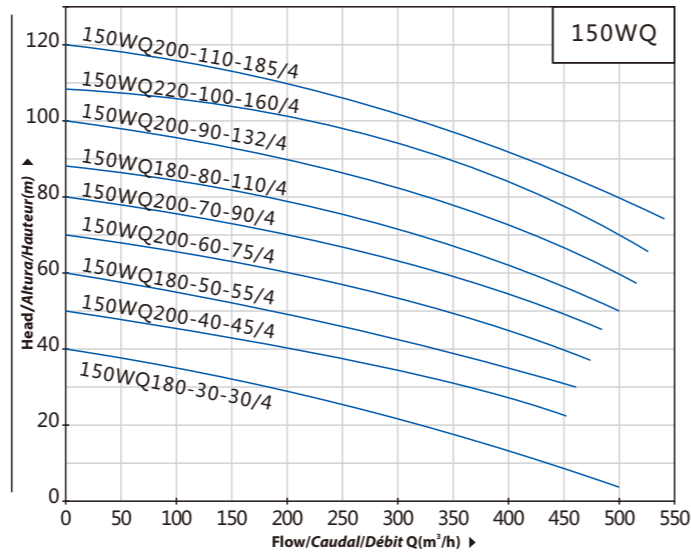
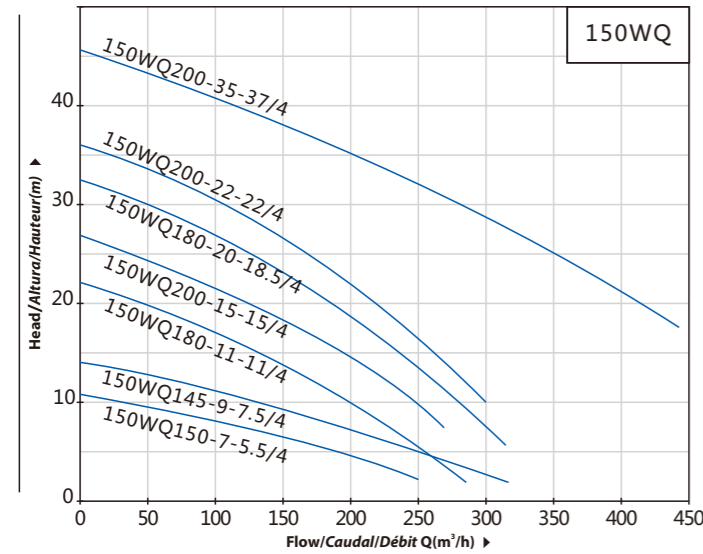
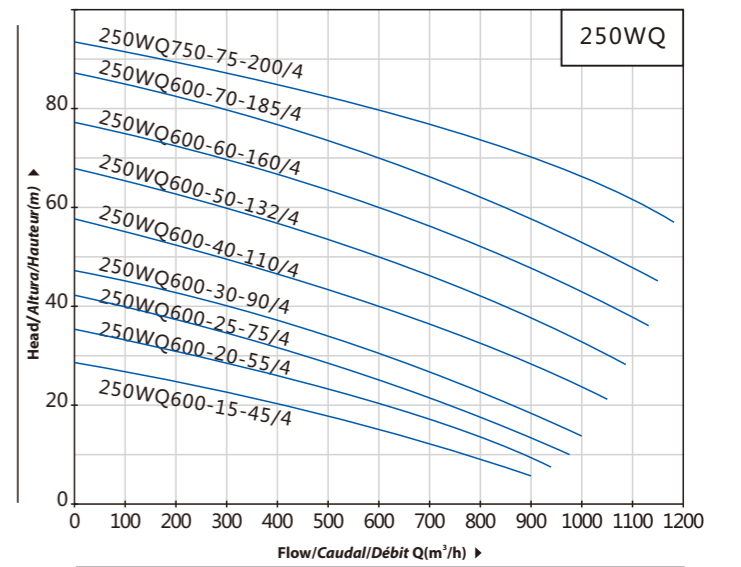
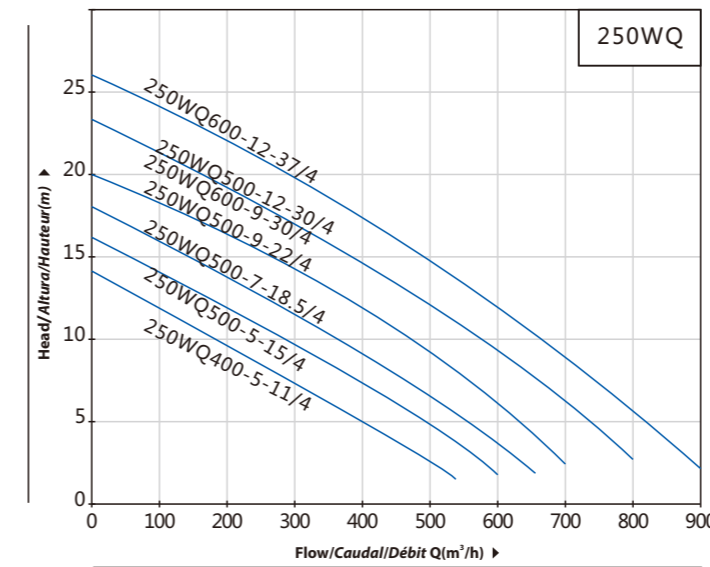
PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE



PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE



PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE





WQV

Vortex cutting submersible pump
Vórtice bomba sumergible de corte
Pompe submersible de coupe Vortex

MODEL/MODELO/MODÈLE		Power Potencia/Puissance		Rated Q	Rated H	RPM	DN	KGS	DIM
Single-phase Monofásico/Monophasé	Three-phase Trifásico/Triphasé	hp	kw	m³/h	m		mm		cm
40WQV10-10-0.75D	40WQV10-10-0.75	1	0.75	10	10	2900	40	22.5	48*20*22
40WQV12-10-1.1D	40WQV12-10-1.1	1.5	1.1	12	10	2900	40	23.7	48*20*22
50WQV10-10-0.75D	50WQV10-10-0.75	1	0.75	10	10	2900	50	22.5	48*20*22
50WQV12-10-1.1D	50WQV12-10-1.1	1.5	1.1	12	10	2900	50	23.7	48*20*22
50WQV15-15-1.5D	50WQV15-15-1.5	2	1.5	15	15	2900	50	36.5	60*27*25
-	50WQV9-22-2.2	3	2.2	9	22	2900	50	40.1	61*29*29
-	65WQV25-15-2.2	3	2.2	25	15	2900	65	41.4	61*29*29
-	80WQV45-9-2.2	3	2.2	45	9	2900	80	43.4	61*29*29
-	50WQV20-22-3	4	3	20	22	2900	50	45.8	63*26*30
-	65WQV35-15-3	4	3	35	15	2900	65	46.6	63*26*30
-	80WQV43-13-3	4	3	43	13	2900	80	47.4	63*26*30
-	65WQV25-22-4	5.5	4	25	22	2900	65	52.2	64*29*32
-	80WQV45-17-4	5.5	4	45	17	2900	80	52.9	64*29*32
-	80WQV30-25-4	5.5	4	30	25	2900	80	53.5	64*29*32
-	80WQV45-20-5.5	7.5	5.5	45	20	2900	80	62.5	73*29*34
-	100WQV65-15-5.5	7.5	5.5	65	15	2900	100	63.6	73*29*34
-	80WQV45-22-7.5	10	7.5	45	22	2900	80	72	73*31*35
-	100WQV100-13-7.5	10	7.5	100	13	2900	100	73.5	73*31*35
-	100WQV80-25-11	15	11	80	25	1450	100	187	96*53*44
-	150WQV150-15-11	15	11	150	15	1450	150	201	101*52*42
-	100WQV80-30-15	20	15	80	30	1450	100	208	100*53*44
-	150WQV200-15-15	20	15	200	15	1450	150	222	105*52*42
-	150WQV250-15-18.5	25	18.5	250	15	1450	150	286	115*57*44
-	200WQV350-12-18.5	25	18.5	350	12	1450	200	294	120*58*46
-	150WQV300-15-22	30	22	300	15	1450	150	307	125*57*44
-	200WQV400-10-22	30	22	400	10	1450	200	324	120*58*46
-	200WQV350-15-30	40	30	350	15	1450	200	440	135*57*67
-	250WQV600-10-30	40	30	600	10	1450	250	440	140*60*67

NEW/NUEVO/NOUVEAU

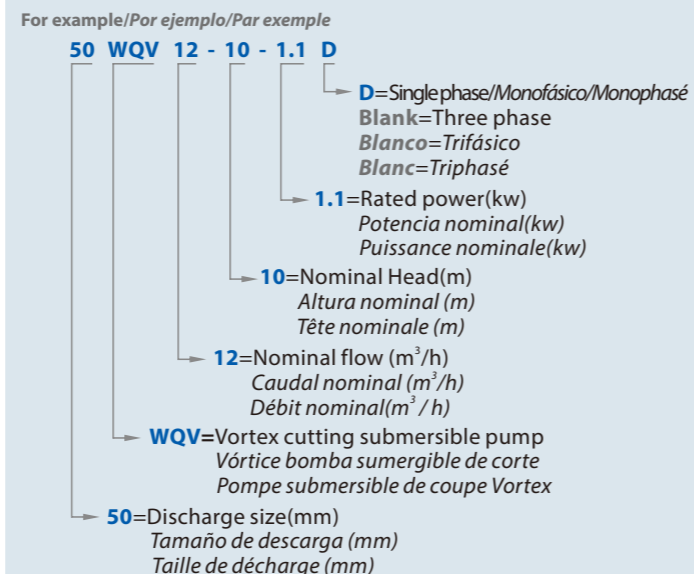
DESCRIPTION/DESCRIPCIONES/DESCRIPTION

- ◆ New cutting submersible sewage pumps design
 - ◆ Equipped with vortex alloy impeller with 48HR(hardness)
 - ◆ Better hydraulic characteristics
 - ◆ Pump case in heavy gauge robust cast iron HT250
 - ◆ Casing resistant to abrasion and long-lasting
 - ◆ Discharge port with bolts,nuts and gaskets
 - ◆ Quality NSK bearing, wear resistance mechanical seal
- ◆ Nuevo diseño de bombas sumergibles corte para aguas residuales
 - ◆ Equipado con impulsor de aleación vortex con 48HR (dureza)
 - ◆ Mejores características hidráulicas
 - ◆ Caja de bomba en hierro fundido robusto de gran calibre HT250
 - ◆ Carcasa resistente a la abrasión y duradera.
 - ◆ Puerto de descarga con pernos, tuercas y empalmes
 - ◆ Rodamiento de marca NSK y cierre mecánico personalizado
- ◆ Nouvelle conception de pompes submersibles coupe pour eaux usées
 - ◆ Équipé d'une roue en alliage vortex avec 48HR (dureté)
 - ◆ Meilleures caractéristiques hydrauliques
 - ◆ Carter de pompe en fonte robuste de fort calibre HT250
 - ◆ Boîtier résistant à l'abrasion et durable
 - ◆ Orifice de décharge avec boulons, écrous et joints
 - ◆ Roulement NSK qualité, joint mécanique de résistance à l'usure

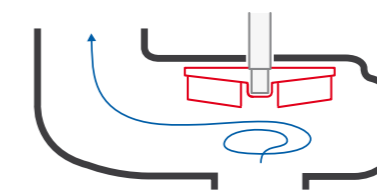
USING LIMITS/LÍMITES UTILIZACIÓN/UTILISATION LIMITES

- ◆ Temperature of the liquid to +40 °C
 - ◆ 10m maximum immersion depth
 - ◆ Solids passage: from 25mm to 65mm
- ◆ Temperatura del líquido a +40 °C
 - ◆ 10m de profundidad de inmersión máxima
 - ◆ Paso de sólidos: de 25 mm a 65 mm
- ◆ Température du liquide à +40 °C
 - ◆ Profondeur d'immersion maximale de 10m
 - ◆ Passage des solides: de 25 mm à 65 mm

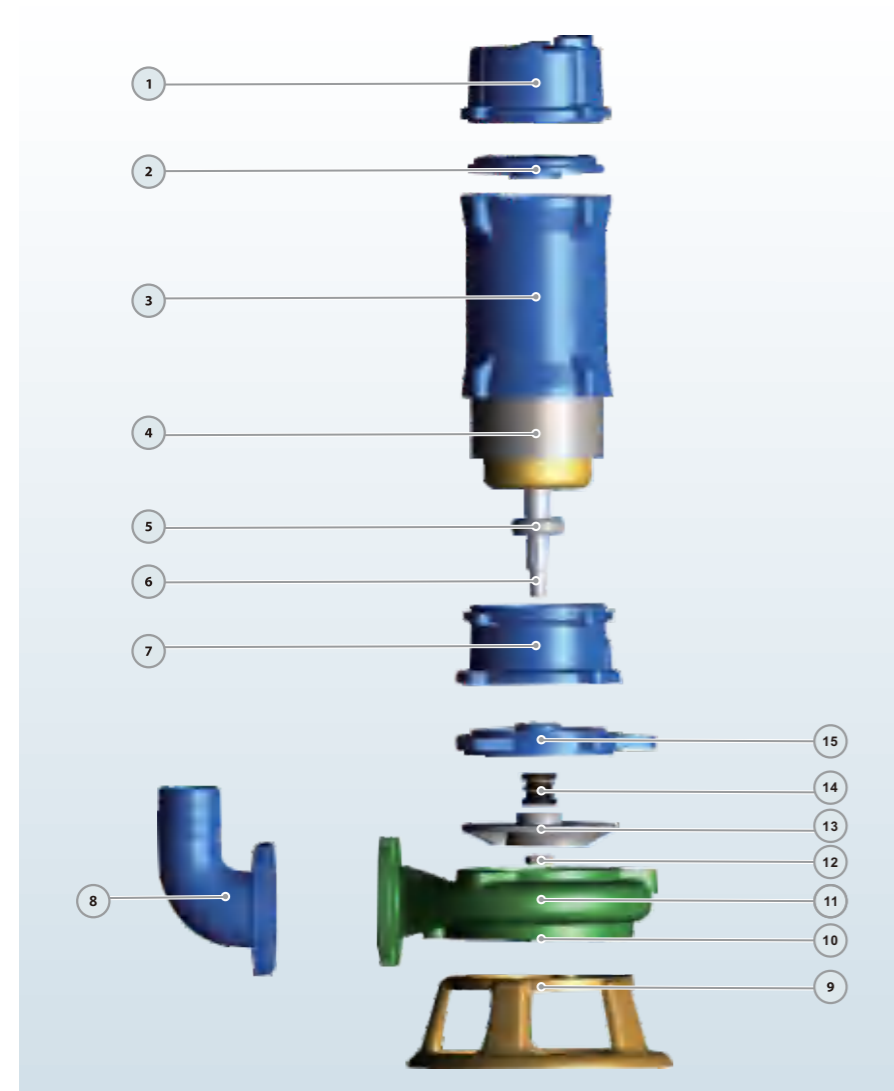
MODEL CODE/CÓDIGO MODELO/CODE MODÈLE



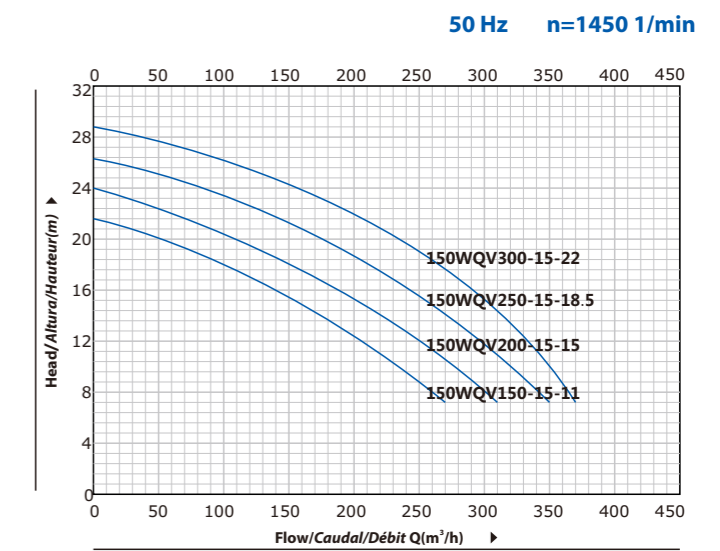
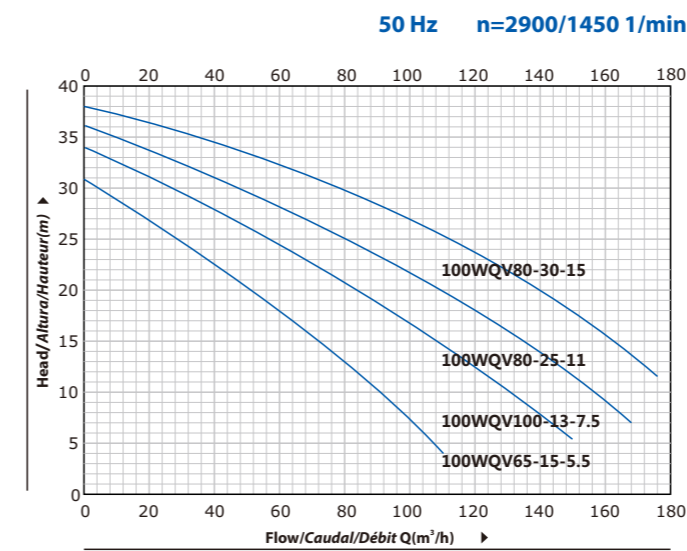
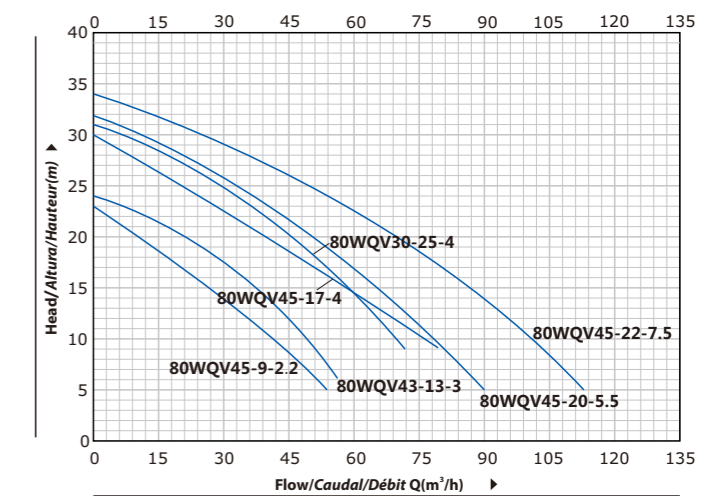
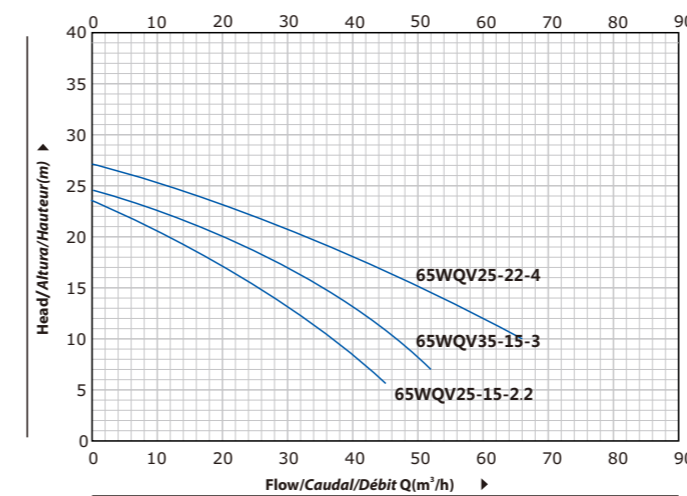
IMPELLER TYPE/TIPO DE IMPULSOR/TYPE ROUE



VORTEX

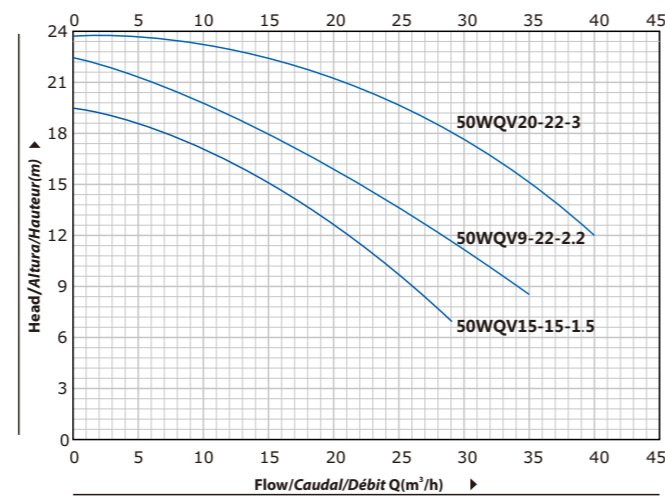
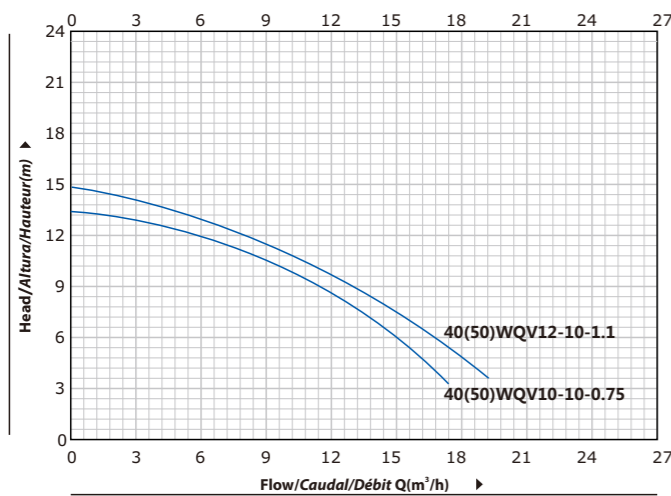


No.	Description Descripción Description	Material Material Matériel
1	Motor cover Tapa de motor Capot moteur	Cast iron Fundición Fonte
2	Plate Plato Assiette	Cast iron Fundición Fonte
3	Motor Case Cuerpo de Motor Boitier du moteur	Cast iron Fundición Fonte
4	Wound Stator/Rotor Estator/Rotor Stator/Rotor de blessure	Silicon Steel/Copper Silicio-Cobre Silicium-Cuivre
5	Bearing Rodamiento Palier	Ball Bearing Bola Rodamiento Palier/Balle
6	Shaft Eje Arbre	S5304-45# Steel Inox 304-Hierro Inox304-Acier
7	Chamber Sala Chambre	Cast iron Fundición Fonte
8	Output flange Brida de salida Bride de sortie	Cast iron Fundición Fonte
9	Base Base Base	Cast iron Fundición Fonte
10	Cutter plate Placa de corte Plaque de coupe	Alloy 48HR Aleación 48HR Alliage 48HR
11	Pump Case Cuerpo de Bomba Boitier de pompe	Cast iron Fundición Fonte
12	Impeller Nut Nuez Noix	Galvanized Steel Acero Galvanizado Acier Galvanisé
13	Impeller Impulsor Roue	Alloy 48HR Aleación 48HR Alliage 48HR
14	Mechanical Seal Cierre Mecánico Sceller	SiC/Carbon/SS304 SiC/Grafito/Inox304 SiC/Carbon/Inox304
15	Seal plate Plato sello Plaque d'étanchéité	Cast iron Fundición Fonte

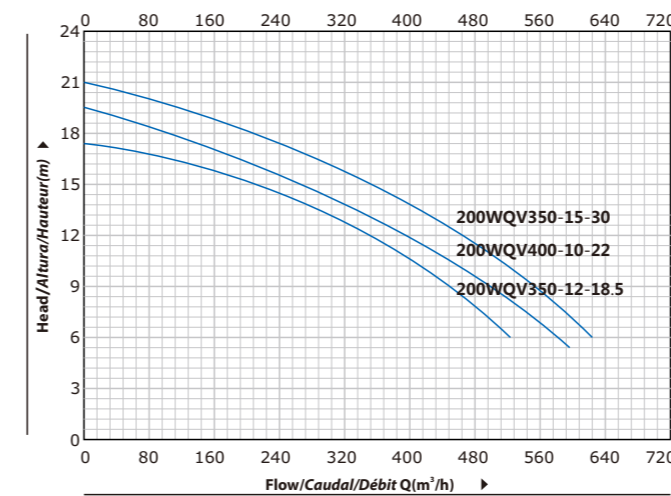


PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

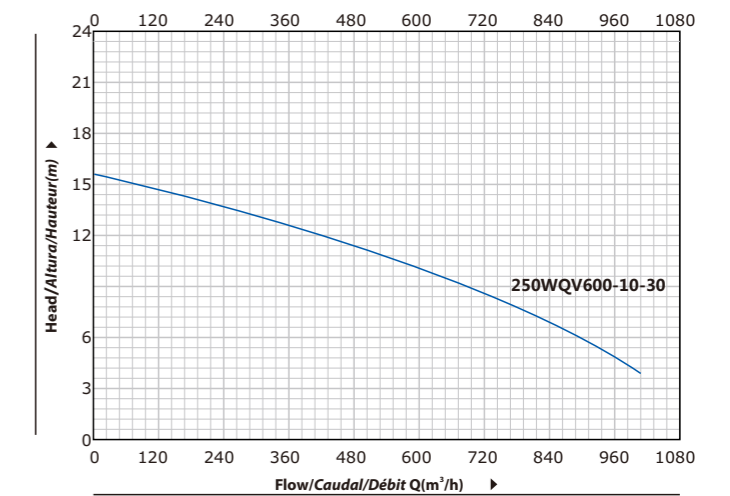
50 Hz n=2900 1/min

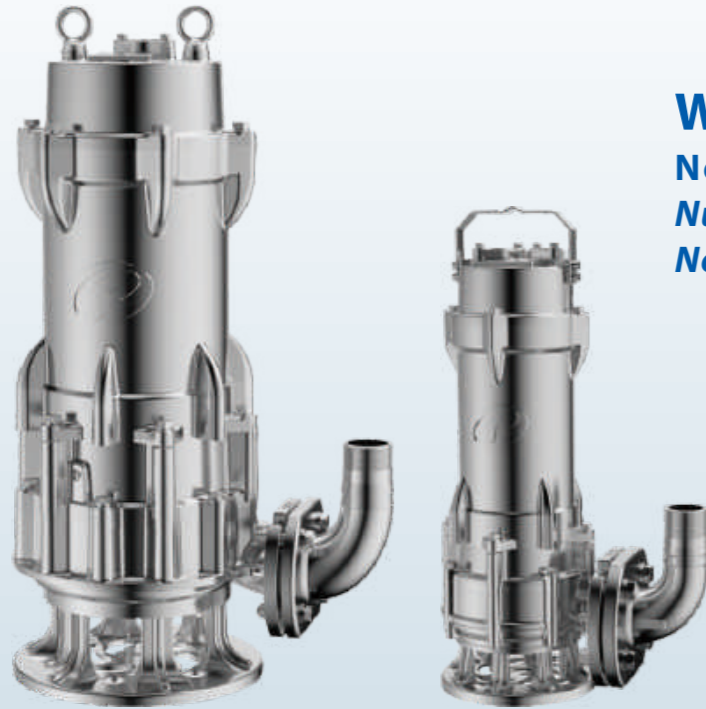


50 Hz n=1450 1/min



50 Hz n=1450 1/min





WQA **n ≈ 2900 rpm**
New submersible sewage pump
Nueva bomba de aguas residuales
Nouvelle pompe d'égout submersible



NEW/NUEVO/NOUVEAU

DESCRIPTION/DESCRIPCIONES/DESCRIPTION

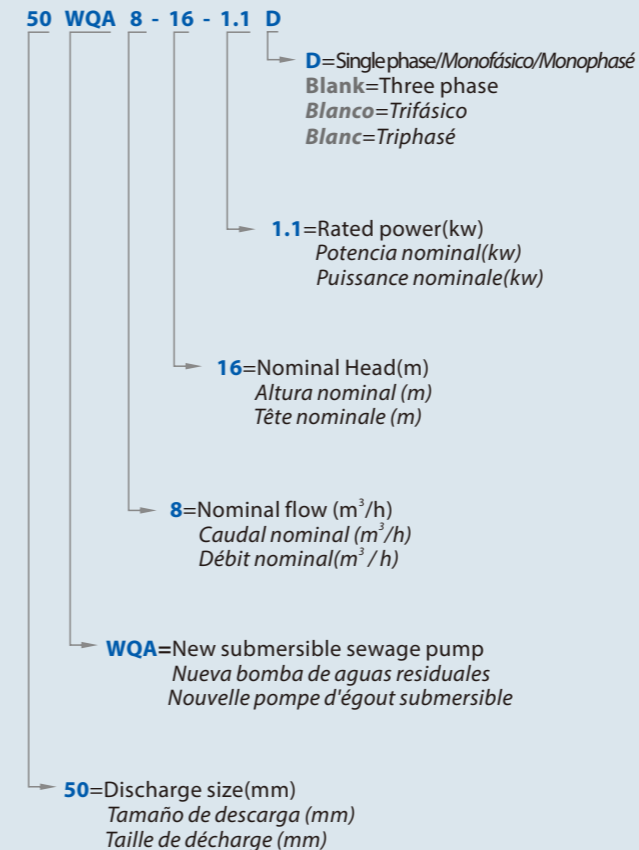
- ◆ New Italian design submersible sewage pump
 - ◆ Original design by PURITY (Patent no.202030607341.1)
 - ◆ Special high efficiency submersible motor with thermal protector
 - ◆ Patented flange design both workable for PN6/PN10
 - ◆ Patented design of flange sealing structure
 - ◆ Bearing and seal with supporting cover plate
 - ◆ Available working for whole flow-head range
 - ◆ SS304 shaft with quality NSK bearing
- ◆ Bomba sumergible para aguas residuales de nuevo diseño italiano
 - ◆ Diseño original de PURITY (Patente no.202030607341.1)
 - ◆ Motor sumergible especial de alta eficiencia con protector térmico
 - ◆ Diseño de brida patentado, ambos viables para PN6 / PN10
 - ◆ Diseño patentado de estructura de sellado de brida
 - ◆ Cojinete y sello con placa de cubierta de soporte
 - ◆ Disponible trabajando para toda la gama de cabezales de flujo
 - ◆ Eje de acero inoxidable con rodamiento NSK de calidad
- ◆ Nouvelle pompe d'égout submersible de conception italienne
 - ◆ Conception originale de PURITY (Brevet no. 202030607341.1)
 - ◆ Moteur submersible spécial à haut rendement avec protecteur thermique
 - ◆ Conception de brida brevetée à la fois utilisable pour PN6 / PN10
 - ◆ Conception brevetée de la structure d'étanchéité de la brida
 - ◆ Roulement et joint avec plaque de recouvrement de support
 - ◆ Fonctionnement disponible pour toute la plage de débit
 - ◆ Arbre en acier inoxydable avec roulement NSK de qualité

Advantage/Ventaja/Avantage

- ◆ Ultra-wide voltage operation design: The pump is workable in the single-phase 160V-220V, three-phase 340V-415V with temperature rise less than 60K. The pump starting voltage for single-phase is $\geq 150V$, for three-phase is $\geq 300V$, the pump can start normally when the voltage drop during the peak period of power consumption. Epoxy potting glue for the cable wire: Epoxy potting sealant inside the cable wire to prevent the possibility of water entering the motor along the crack due to the rupture of the cable and immersion in the water.
- ◆ Diseño de funcionamiento de voltaje ultra amplio: la bomba funciona en monofásicos 160V-220V, trifásicos 340V-415V con aumento de temperatura inferior a 60K. El voltaje de arranque de la bomba para monofásico es $\geq 150V$, para trifásico es $\geq 300V$, la bomba puede comenzar normalmente cuando el voltaje cae durante el período pico de consumo de energía. Pegamento epoxi para encapsular para el alambre del cable: Sellador epóxico para encapsular dentro del cable para evitar la posibilidad de que entre agua al motor a lo largo de la grieta debido a la ruptura del cable y la inmersión en el agua.
- ◆ Conception de fonctionnement à tension ultra-large: La pompe est utilisable dans le monophasé 160V-220V, triphasé 340V-415V avec une élévation de température inférieure à 60K. La tension de démarrage de la pompe pour monophasé est $\geq 150V$, pour le triphasé est $\geq 300V$, la pompe peut démarrer normalement lorsque la tension chute pendant la période de pointe de consommation d'énergie. Colle d'enrobage époxy pour le fil du câble: Scellant d'enrobage époxy à l'intérieur du fil du câble pour éviter la possibilité que de l'eau pénètre dans le moteur le long de la fissure en raison de la rupture du câble et de l'immersion dans l'eau.

MODEL CODE/CÓDIGO MODELO/CODE MODÈLE

For example/ Por ejemplo/ Par exemple



TECHNICAL SHEET/HOJA TÉCNICA/FICHE TECHNIQUE

Model/Modelo/Modèle	WQA	
Capacity/Caudal/Débit	0-150	m ³ /h
Head/Altura/Hauteur	0-53.1	m
DN	40-150	mm
Speed/Velocidad/Vitesse	2900	rpm
T max	80	°C
Power/Potencia/Puiss.	0.75-7.5	kW
Casing/Cuerpo/Corps	Grey cast iron Hierro fundido gris Fonte grise	
Impeller/Impulsor/Roue	Cast iron Hierro fundido Fonte	
Shaft/Eje/Arbre	AISI304 Inox304 Inox304	
Shaft seal/Sello/Scellé	Mechanical Seal Sello mecánico Garniture mécanique	
Bearing/Rodamiento/Palier	Grease lubrication rolling bearing Rodamientos lubricación con grasa Roulement lubrification à la graisse	

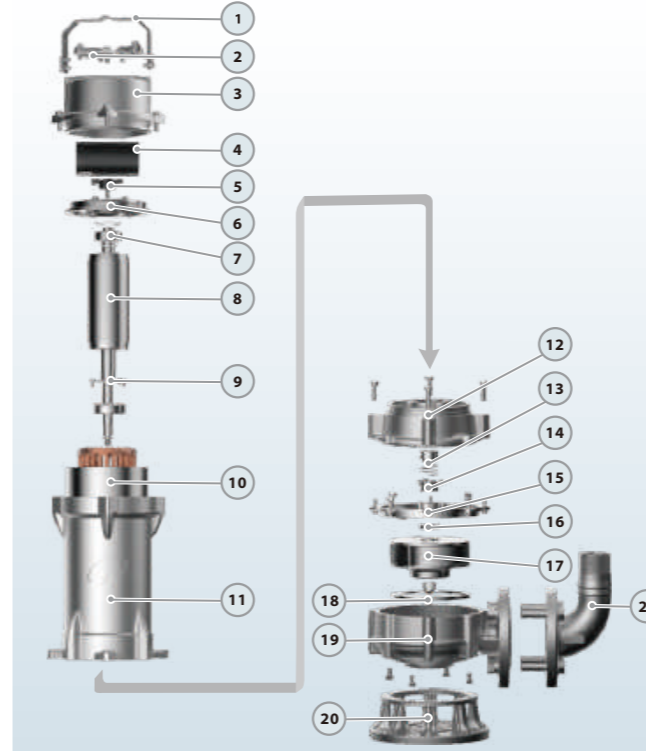
TECHNICAL DATA/DATOS TÉCNICOS/DONNÉES TECHNIQUES

50 Hz n=2900 1/min

MODEL MODELO MODÈLE	DN mm	Power Potencia Puissance		Q=DELIVERY/CAUDAL/DÉBIT																		
		kw	hp	us	26	40	66	79	106	119	159	185	211	238	317	370	396	476	529	661		
				gpm	l/min	m³/h	0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120
H=Head/Altura/Hauteur(m)																						
40WQA6-16-0.75D	40	0.75	1	19	16.3	13.6	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-		
40WQA6-16-0.75	40	0.75	1	19	16.3	13.6	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-		
50WQA10-10-0.75D	50	0.75	1	17.8	15	14	11	9	-	-	-	-	-	-	-	-	-	-	-	-		
50WQA10-10-0.75	50	0.75	1	17.8	15	14	11	9	-	-	-	-	-	-	-	-	-	-	-	-		
50WQA8-16-1.1D	50	1.1	1.5	18.5	16.8	15.7	13.5	12.3	9.7	8.3	-	-	-	-	-	-	-	-	-	-		
50WQA8-16-1.1	50	1.1	1.5	18.5	16.8	15.7	13.5	12.3	9.7	8.3	-	-	-	-	-	-	-	-	-	-		
50WQA15-15-1.5D	50	1.5	2	19.3	18	17.2	15.2	14	11.5	10.2	-	-	-	-	-	-	-	-	-	-		
50WQA15-15-1.5	50	1.5	2	19.3	18	17.2	15.2	14	11.5	10.2	-	-	-	-	-	-	-	-	-	-		
50WQA8-20-1.5D	50	1.5	2	22.1	20.7	19.7	17.3	16.4	14	13	-	-	-	-	-	-	-	-	-	-		
50WQA8-20-1.5	50	1.5	2	22.1	20.7	19.7	17.3	16.4	14	13	-	-	-	-	-	-	-	-	-	-		
50WQA9-22-2.2	50	2.2	3	23	22	21	19	18	16	14.6	-	-	-	-	-	-	-	-	-	-		
50WQA15-20-2.2	50	2.2	3	23	22	21	19	18	16	14.6	-	-	-	-	-	-	-	-	-	-		
50WQA15-30-3	50	3	4	31.8	29.8	28.8	26.7	25.5	23.2	22	-	-	-	-	-	-	-	-	-	-		
50WQA15-35-4	50	4	5.5	39.3	37.6	36.8	35	34	31.9	30.8	27.1	24.5	-	-	-	-	-	-	-	-		
50WQA15-40-5.5	50	5.5	7.5	43.6	41.7	40.6	38.4	37.4	35.1	34	30.1	27.2	24	-	-	-	-	-	-	-		
50WQA20-45-7.5	50	7.5	10	53.1	50.8	49.7	47	46	43.1	41.9	37.2	33.5	-	-	-	-	-	-	-	-		
65WQA15-10-1.1D	65	1.1	1.5	14.3	13.1	12.2	10	9.1	6.2	5	-	-	-	-	-	-	-	-	-	-		
65WQA15-10-1.1	65	1.1	1.5	14.3	13.1	12.2	10	9.1	6.2	5	-	-	-	-	-	-	-	-	-	-		
65WQA25-10-1.5D	65	1.5	2	19	17.6	16.8	14.5	13.3	10.5	9	3.5	-	-	-	-	-	-	-	-	-		
65WQA25-10-1.5	65	1.5	2	19	17.6	16.8	14.5	13.3	10.5	9	3.5	-	-	-	-	-	-	-	-	-		
65WQA25-17-2.2	65	2.2	3	24.6	23	22	20	19	16.1	15	10	6	-	-	-	-	-	-	-	-		
65WQA25-22-3	65	3	4	28.3	26.3	25.3	23	22	19.6	18.2	14	10.4	5	-	-	-	-	-	-	-		
65WQA25-28-4	65	4	5.5	36.8	35	34	31.8	30.4	28.1	26.8	21.2	-	-	-	-	-	-	-	-	-		
65WQA30-30-5.5	65	5.5	7.5	39.4	37.5	36.3	34	32.8	30.3	29.2	25.2	-	-	-	-	-	-	-	-	-		
65WQA30-35-7.5	65	7.5	10	41.2	40.3	39.8	38.7	38	36.7	36	33.8	32	30	27.8	19	-	-	-	-	-		
80WQA45-9-2.2	80	2.2	3	17.6	-	-	-	14	13.4	11.4	10	8.8	7.2	-	-	-	-	-	-	-		
80WQA43-13-3	80	3	4	22.8	-	-	-	18.6	18	16	14.7	13.3	11.5	6	-	-	-	-	-	-		
80WQA40-18-4	80	4	5.5	27.2	-	-	-	24	23.5	21.5	19.8	18	15.8	7.5	-	-	-	-	-	-		
80WQA30-30-5.5	80	5.5	7.5	34	-	-	-	30	29.3	27.3	25.8	24	22	14.6	5	-	-	-	-	-		
80WQA30-36-7.5	80	7.5	10	39.1	-	-	-	35.8	35.2	33.4	32	30.5	29	22	14.2	6	-	-	-	-		
100WQA60-9-3	100	3	4	22.3	-	-	-	19	18.3	16.3	15	13.5	12	5.8	-	-	-	-	-	-		
100WQA60-13-4	100	4	5.5	21.8	-	-	-	19.2	19	17.8	16.6	15.4	14.0	7.8	-	-	-	-	-	-		
100WQA65-15-5.5	100	5.5	7.5	26.7	-	-	-	24.2	23.9	22.3	21.4	20.3	19.2	13.7	5.6	-	-	-	-	-		
100WQA65-22-7.5	100	7.5	10	30.2	-	-	-	28.5	28.2	27.3	26.4	25.9	25.2	21.1	17.2	14	-	-	-	-		
150WQA100-7-5.5	150	5.5	7.5	17.6	-	-	-	-	-	-	14.3	13.8	12.9	11	9.2	8.4	5.2	3	-	-		
150WQA100-10-7.5	150	7.5	10	20.7	-	-	-	-	-	-	18.3	17.9	17.4	16.3	14.3	13.5	10.8	9.3	3.6	-		

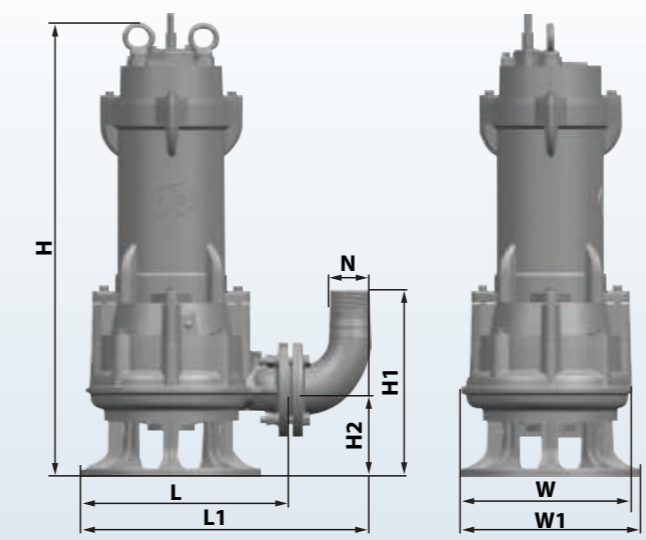
D=Single phase/Monofásico/Monophasé

MATERIAL DESCRIPTION/DESCRIPCIÓN DE MATERIAL/DESCRIPTION DU MATÉRIEL



MATERIAL DESCRIPTION/DESCRIPCIÓN DE MATERIAL/DESCRIPTION DU MATÉRIEL

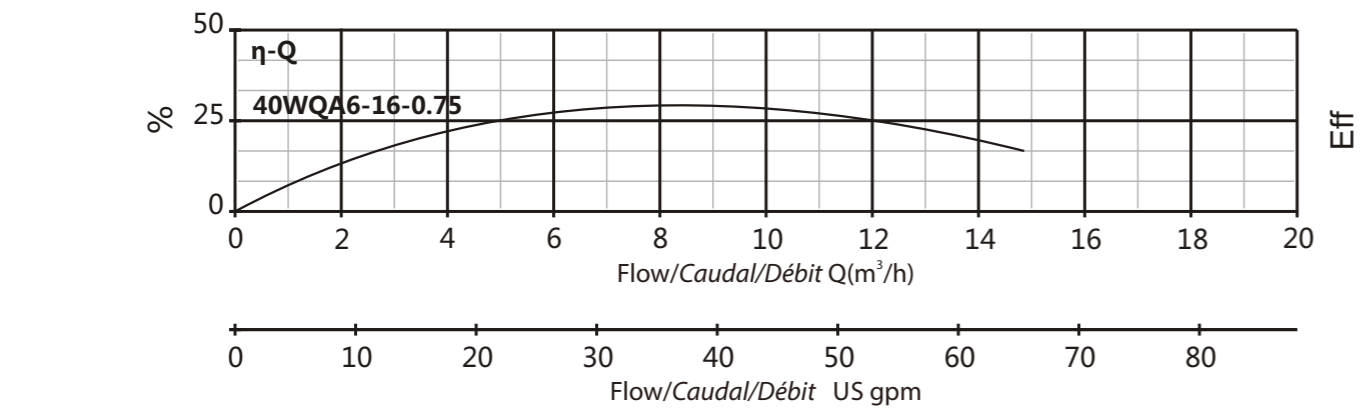
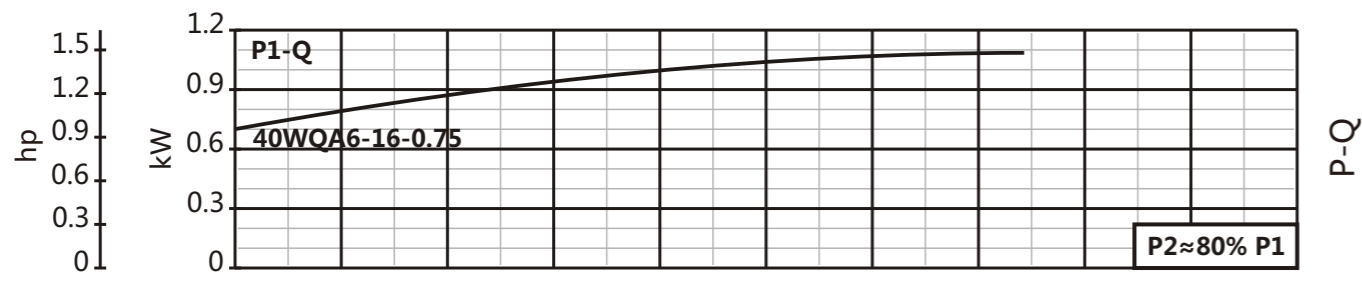
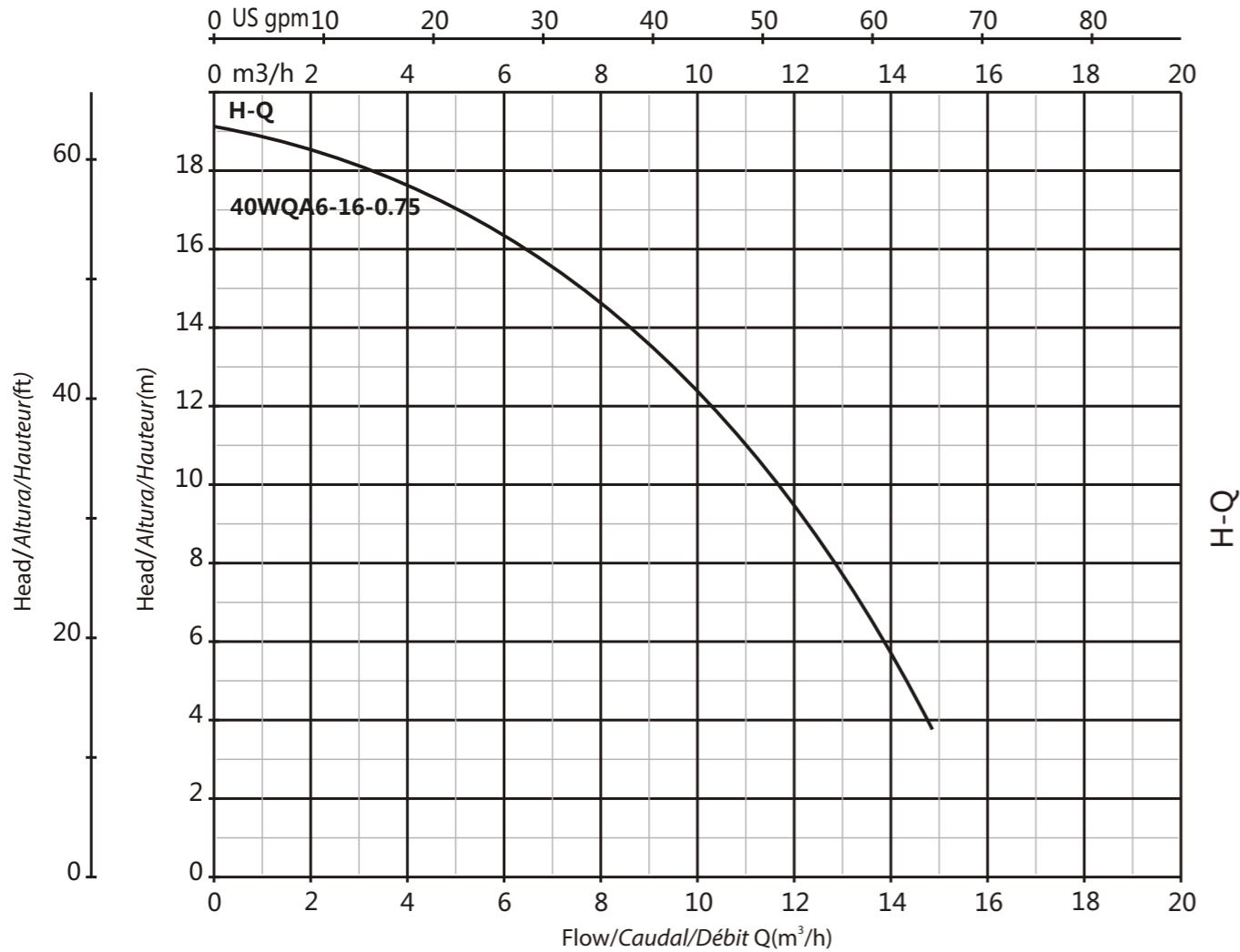
No.	Description Descripción Description	Material Material Matériel	No.	Description Descripción Description	Material Material Matériel
1	Handle Resolver Manipuler	Q235	12	Oil cylinder Cilindro de aceite Cylindre à huile	HT200
2	Cable clamp Abrazadera de cable Serre-câble	HT200	13	Mechanical seal Sello mecánico Garniture mécanique	Assembly Montaje Assemblage
3	Top cover Cubierta superior Couvercle supérieur	HT200	14	Seal cover plate Cubierta de sello Couvercle d'étanchéité	HT200
4	Capacitor Condensador Condensateur	Assembly Montaje Assemblage	15	Oil cylinder cover Tapa del cilindro Couvercle du cylindre	HT200
5	Thermal protector Protector térmico Protecteur thermique	Assembly Montaje Assemblage	16	Reinforced seal Sello reforzado Joint renforcé	Assembly Montaje Assemblage
6	Upper bearing seat Asiento del cojinete Siège de roulement	HT200	17	Impeller Impulsor Roue	HT200
7	Bearing Rodamiento Palier	Assembly Montaje Assemblage	18	O-ring Junta tórica Joint torique	NBR
8	Rotor assembly Ensamblaje del rotor Assemblage du rotor	Assembly Montaje Assemblage	19	Pump body Cuerpo de bomba Corps de pompe	HT200
9	Bearing cover plate Cubierta de cojinetes Recouvrement roulement	HT200	20	Base Base Base	HT200
10	Stator assembly Montaje del estator Assemblage du stator	Assembly Montaje Assemblage	21	Outlet elbow Codo de salida Coude de sortie	HT200
11	Motor case Caja del motor Boîtier du moteur	HT200			



MODEL MODELO MODÈLE	DIMENSIONS/DIMENSIONES/DIMENSIONS mm									kg
	DN	L1	L	W	W1	H	H1	H2	N	
40WQA6-16-0.75D	40	300	205	180	175	480	180	75	G1¼	27.2
40WQA6-16-0.75	40	300	205	180	175	480	180	75	G1¼	25.9
50WQA10-10-0.75D	50	320	225	180	175	500	210	100	G1½	29.1
50WQA10-10-0.75	50	320	225	180	175	500	210	100	G1½	27.7
50WQA8-16-1.1D	50	305	205	180	175	530	210	95	G1½	29.2
50WQA8-16-1.1	50	305	205	180	175	530	210	95	G1½	28.3
50WQA15-15-1.5D	50	305	210	180	175	530	210	95	G1½	31.2
50WQA15-15-1.5	50	305	210	180	175	530	210	95	G1½	29.8
50WQA8-20-1.5D	50	305	210	180	175	530	210	95	G1½	30
50WQA8-20-1.5	50	305	210	180	175	530	210	95	G1½	29.2
50WQA9-22-2.2	50	375	280	225	220	595	235	110	G1½	41.7
50WQA15-20-2.2	50	375	280	225	220	595	235	110	G1½	41.8
50WQA15-30-3	50	375	280	225	220	630	235	110	G1½	46.7
50WQA15-35-4	50	420	320	255	260	720	265	140	G1½	67.5
50WQA15-40-5.5	50	420	320	255	260	760	270	140	G1½	72.5
50WQA20-45-7.5	50	460	360	305	310	810	270	145	G1½	124
65WQA15-10-1.1D	65	325	210	180	175	530	245	95	G2	32
65WQA15-10-1.1	65	325	210	180	175	530	245	95	G2	30.1
65WQA25-10-1.5D	65	325	210	180	175	530	245	95	G2	33.6
65WQA25-10-1.5	65	325	210	180	175	530	245	95	G2	32
65WQA25-17-2.2	65	365	250	215	220	600	270	110	G2	44.9
65WQA25-22-3	65	370	250	215	220	630	270	110	G2	48.3
65WQA25-28-4	65	420	300	245	260	710	295	140	G2	67
65WQA30-30-5.5	65	420	300	245	260	750	295	140	G2	72.1
65WQA30-35-7.5	65	475	355	310	310	815	300	145	G2	125
80WQA45-9-2.2	80	400	275	225	220	620	295	120	G2½	47.4
80WQA43-13-3	80	400	275	225	220	655	295	120	G2½	50.3
80WQA40-18-4	80	440	315	250	260	710	310	135	G2½	67
80WQA30-30-5.5	80	440	315	250	260	750	310	135	G2½	74.4
80WQA30-36-7.5	80	480	355	310	310	815	320	145	G2½	127
100WQA60-9-3	100	430	275	225	220	655	320	120	G3½	53.2
100WQA60-13-4	100	475	325	310	260	745	360	160	G3½	77
100WQA65-15-5.5	100	475	325	310	260	785	360	160	G3½	81.6
100WQA65-22-7.5	100	515	365	320	310	840	360	160	G3½	132
150WQA100-7-5.5	150	565	340	310	260	790	400	160	150	92.7
150WQA100-10-7.5	150	590	365	315	310	845	400	160	150	142

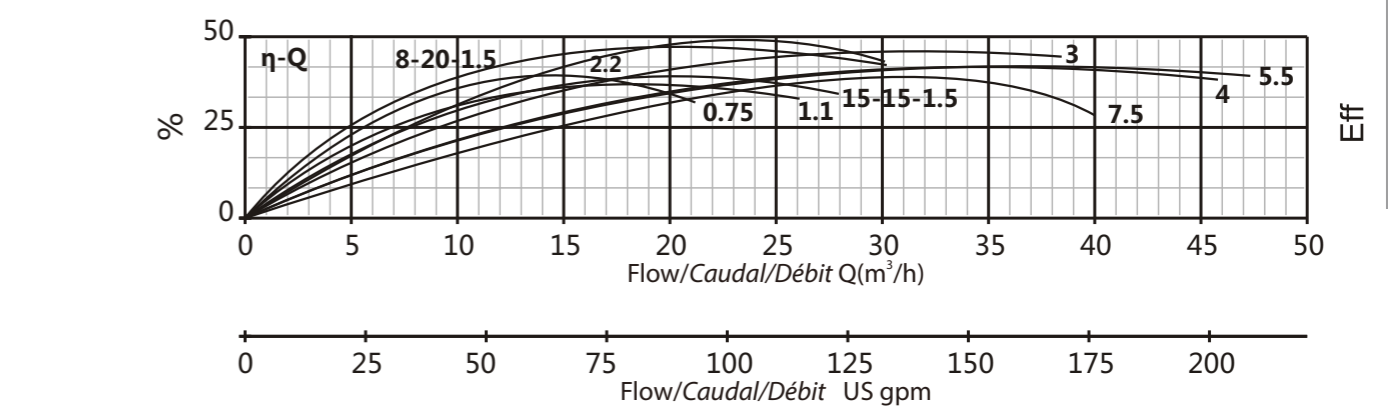
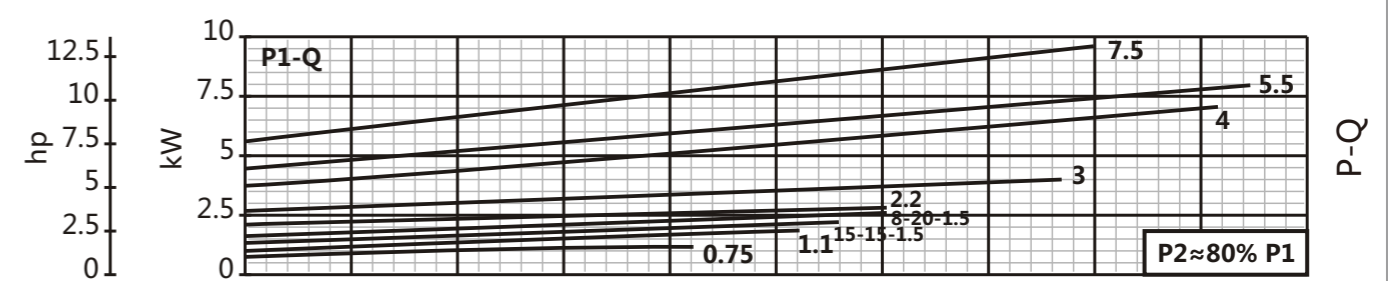
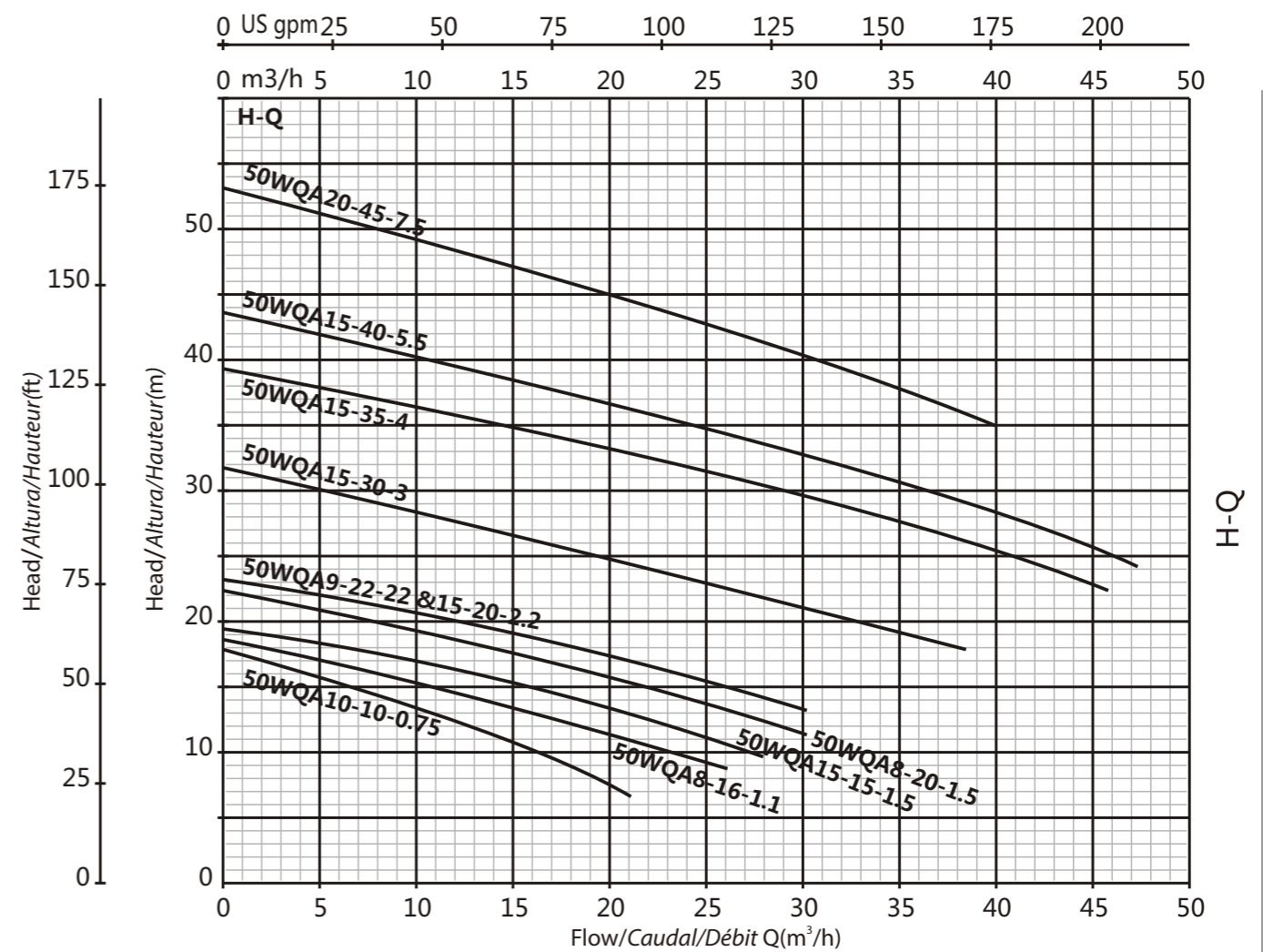
40WQA

2900rpm



50WQA

2900rpm

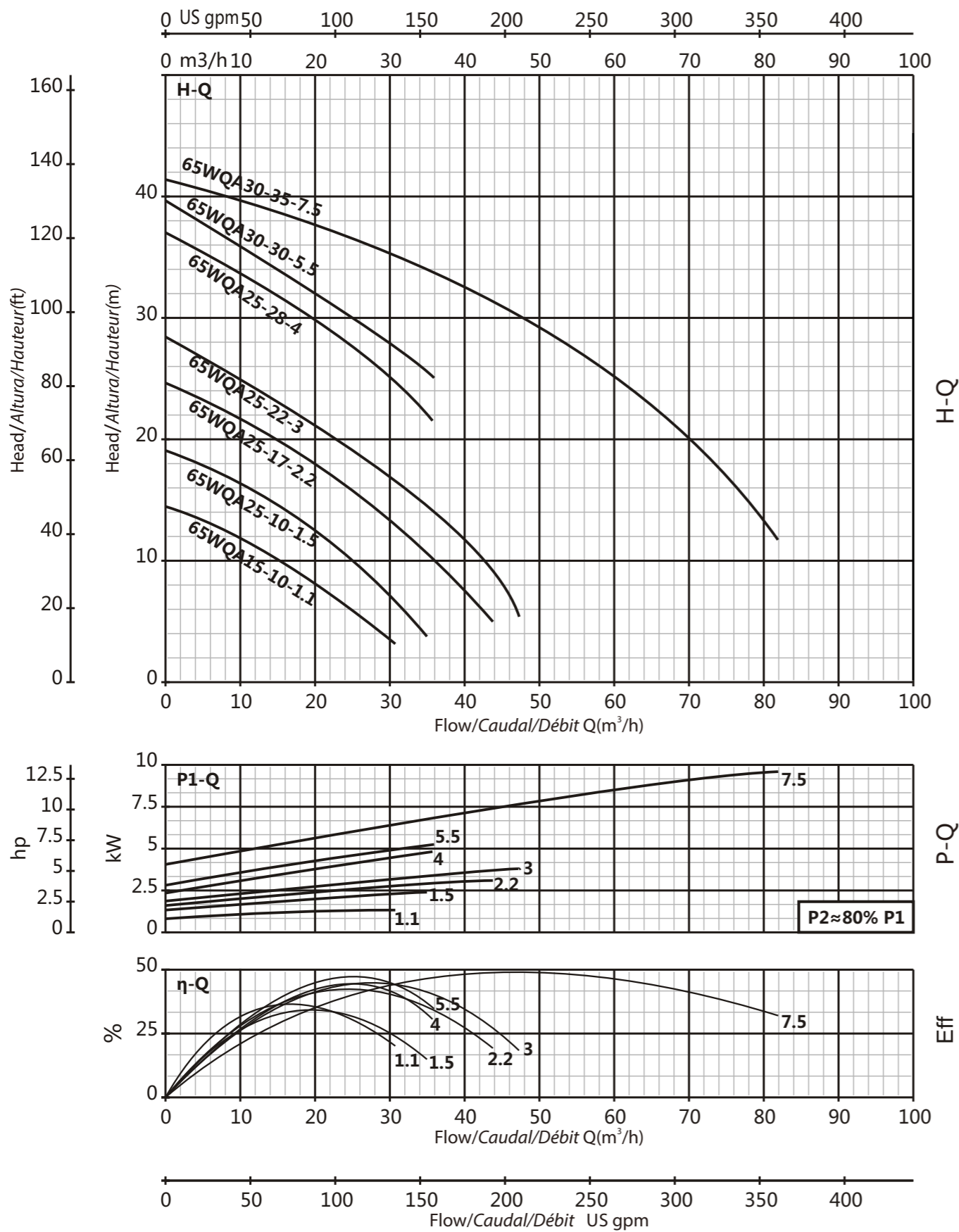


PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

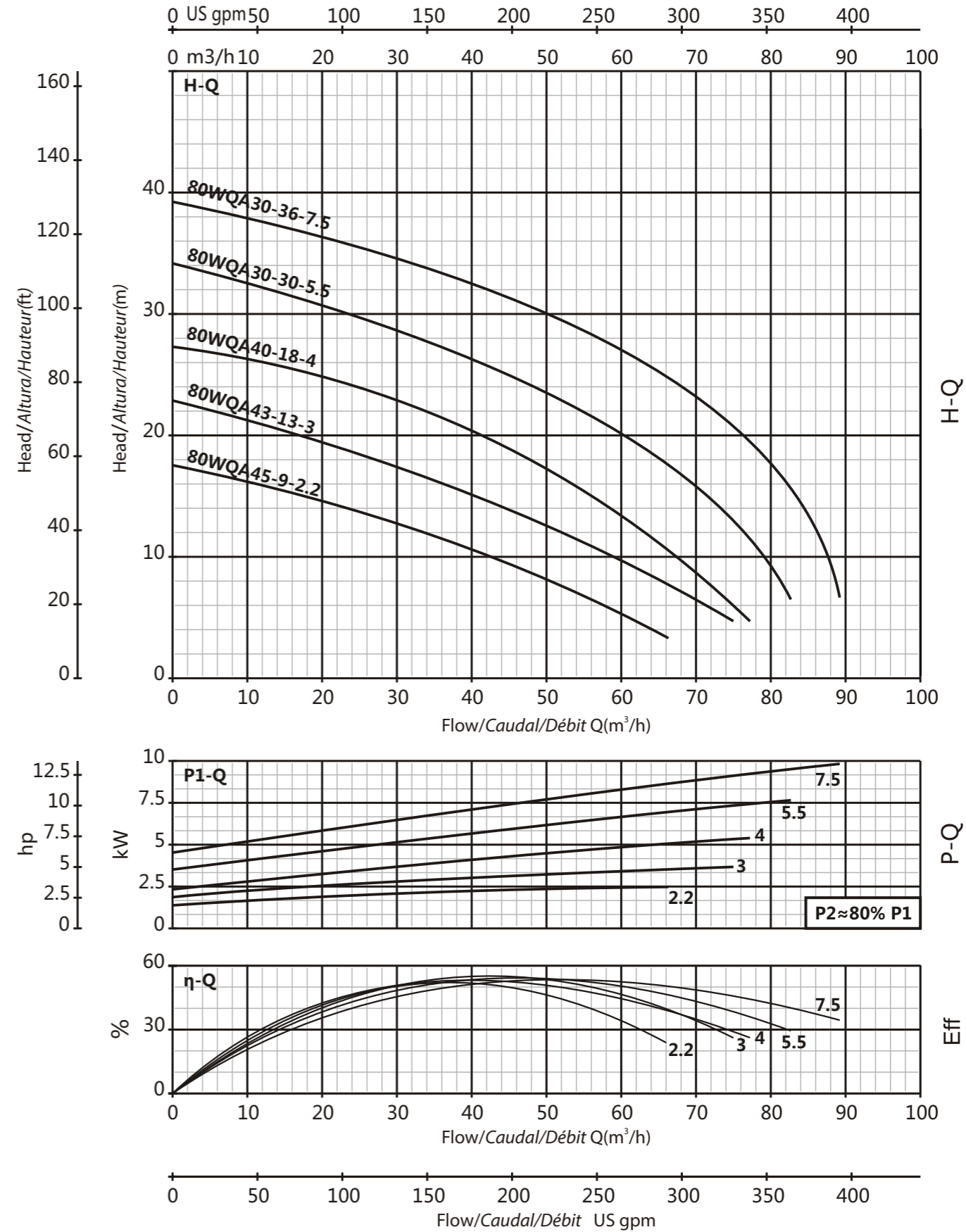
65WQA

2900rpm



80WQA

2900rpm



PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

100WQA 2900rpm

150WQA 2900rpm

PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

