



NIAGARA

**General Catalogue
Catálogo General
Catalogue général**



NIAGARA

FUTURE INTELLIGENT PUMPS



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WQ

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



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

For example/Por ejemplo/Par exemple

100 WQ 60 - 9 - 3 / 2

- 100=Discharge size(mm)
Tamaño de descarga (mm)
Taille de décharge (mm)
- WQ=Submersible sewage pump
Bomba sumergible para aguas sucias
Pompe submersible pour eaux usées
- 60=Nominal flow (m³/h)
Caudal nominal (m³/h)
Débit nominal (m³/h)
- 9=Nominal Head(m)
Altura nominal (m)
Tête nominale (m)
- 3=Rated power(kw)
Potencia nominal(kw)
Puissance nominale(kw)
- 2=Poles/Polos/Pôles



MATERIAL DESCRIPTION/DESCRIPCION DE MATERIAL/DESCRIPTION DU MATÉRIEL

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	Flow Caudal Débit	Head Altura Hauteu	Power Potencia Puissance	RPM
	mm	m ³ /h	m	kw	
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

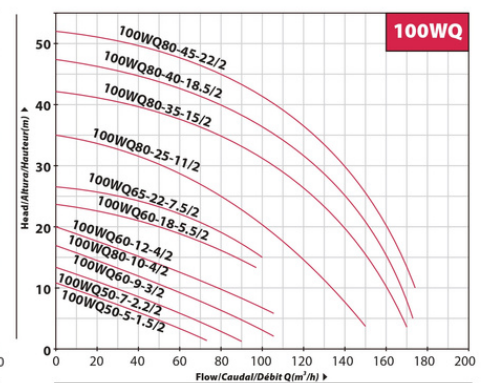
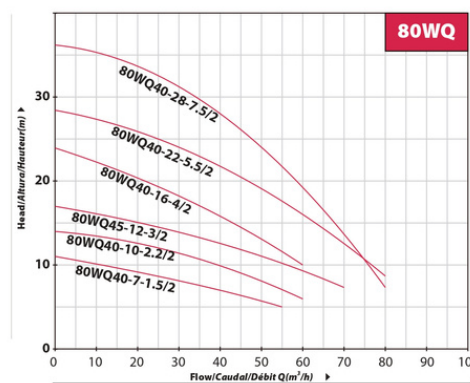
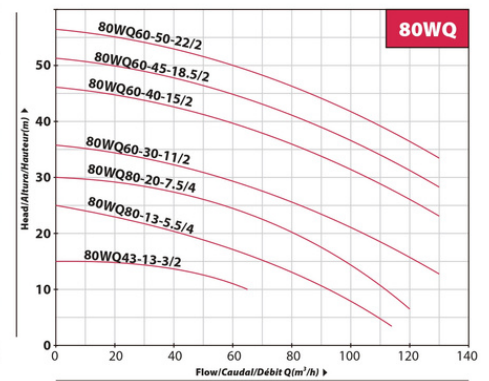
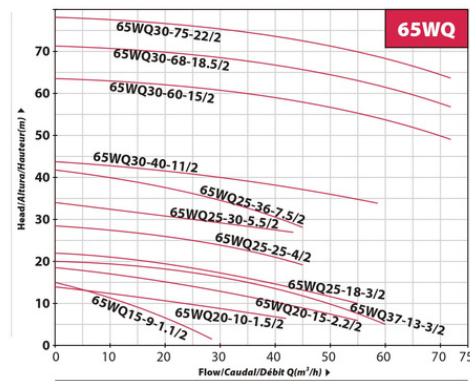
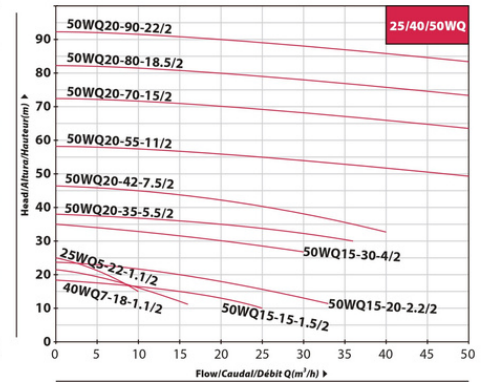
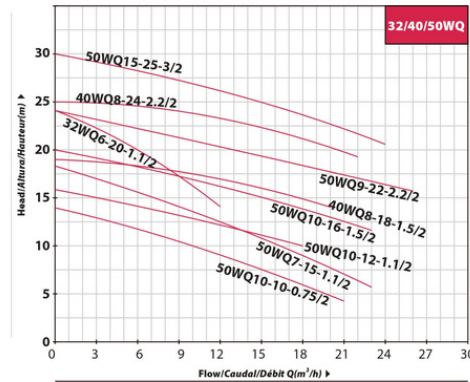
MODEL/MODELO/MODÈLE	DN	Flow Caudal Débit	Head Altura Hauteu	Power Potencia Puissance	RPM
	mm	m ³ /h	m	kw	
300WQ800-20-75/4	300	800	20	75	1450
350WQ1000-15-75/4	350	1000	15	75	1450
350WQ1500-12-75/6	350	1500	12	75	980
100WQ120-85-90/4	100	120	85	90	1450
150WQ200-70-90/4	150	200	70	90	1450
200WQ300-60-90/4	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



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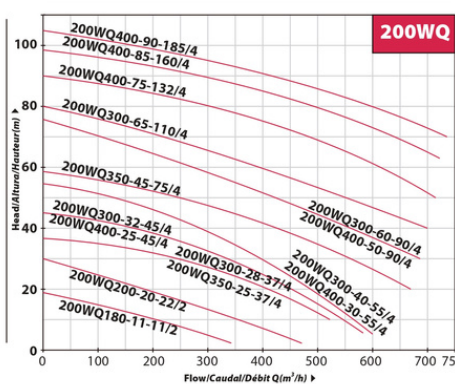
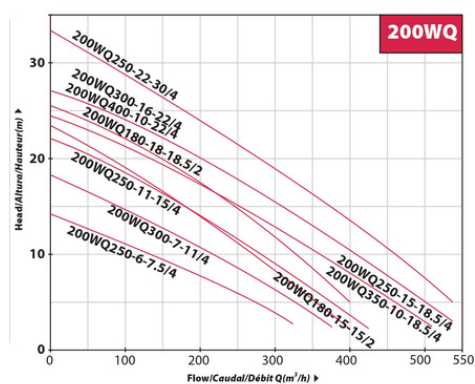
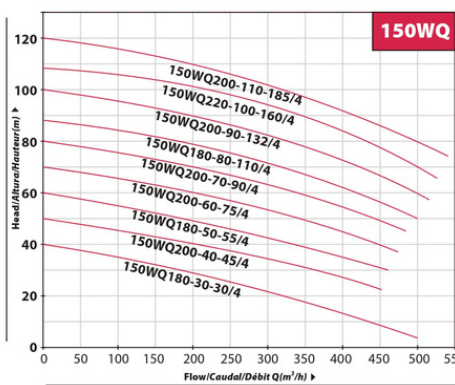
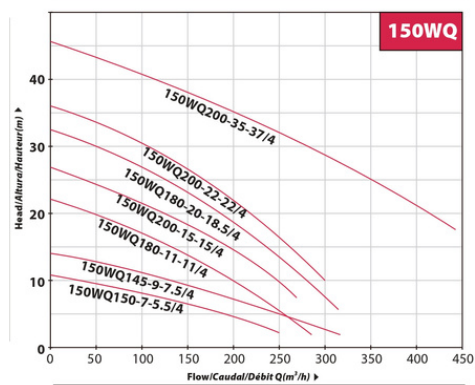
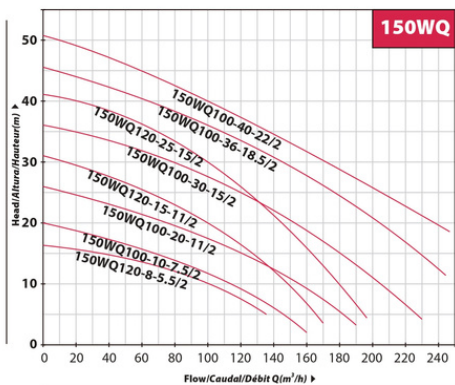
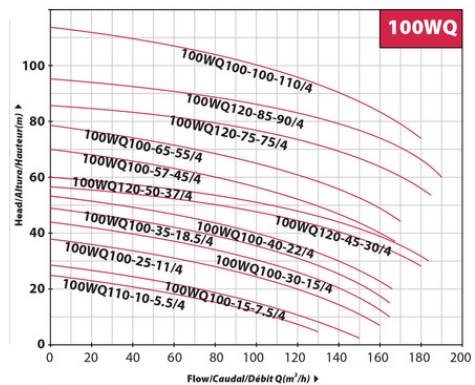
PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

n≈2900 rpm





PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE



PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

