

WQV



Vortex cutting submersible pump



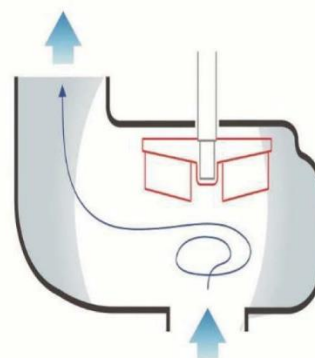
MODEL CODE

For example

50 WQV 12 - 10 - 1.1 D

- D=Singlephase
Blank=Three phase
- 1.1=Rated power(kw)
- 10=Nominal Head(m)
- 12=Nominal flow (m³/h)
- WQV=Vortex cutting submersible pump
- 50=Discharge size(mm)

IMPELLER TYPE



VORTEX

USING LIMITS

- ♦ Temperature of the liquid to +40 °C
- ♦ 10m maximum immersion depth
- ♦ Solids passage: from 25mm to 65mm

NEW

DESCRIPTION

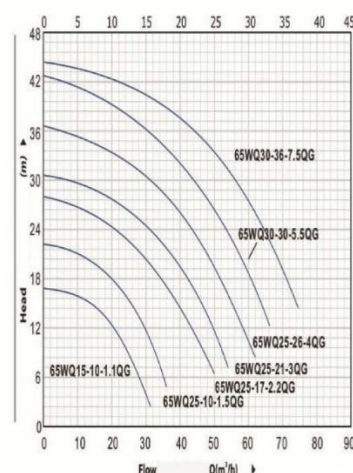
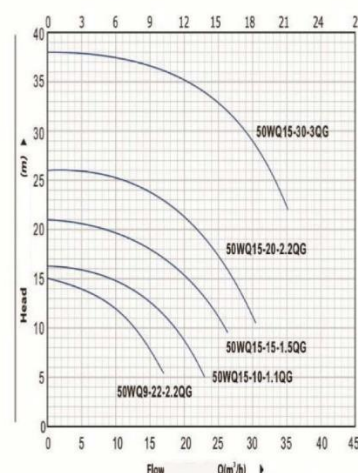
- ♦ New cutting submersible sewage pumps design
- ♦ Equipped with vortex alloy impeller with 48HRI(hardness)
- ♦ Better hydraulic characteristics
- ♦ Pump case in heavy gauge robust cast iron HT250
- ♦ Casing resistant to abrasion and long-lasting
- ♦ Discharge port with bolts,nuts and gaskets
- ♦ Quality NSK bearing, wear resistance mechanical seal

APPLICATIONS

- ♦ Drainage Systems Of Urban Sewage Treatment Plants, Hospitals And Hotels.
- ♦ Discharge Of Seriously Polluted Wastewater From Factories And Businesses.
- ♦ Water Supply Device Of Waterworks.
- ♦ Sewage Drainage Station In Residential Area.
- ♦ Civil Air Defense System Drainage Station.
- ♦ Municipal Engineering, Construction Site Water Supply And Drainage System.
- ♦ Rural Biogas Digesters, Agricultural Irrigation, River Dredging.
- ♦ Exploration, Mining Supporting Machine.

PERFORMANCE CURVE

50HZ n=2900 r/min



TECHNICAL DATA

50Hz n=2900/1450 r/min

MODEL		Power		Rated Q	Rated H	RPM	DN
		hp	kw				
Single-phase	Three-phase			m³/h	m		mm
50WQD10-10-0.75QG/2	50WQ10-10-0.75QG/2	1	0.75	10	10	2900	50
50WQD15-10-1.1QG/2	50WQ15-10-1.1QG/2	1.5	1.1	15	10	2900	50
65WQD15-10-1.1QG/2	65WQ15-10-1.1QG/2	1.5	1.1	15	10	2900	65
50WQD15-15-1.5QG/2	50WQ15-15-1.5QG/2	2	1.5	15	15	2900	50
65WQD25-10-1.5QG/2	65WQ25-10-1.5QG/2	2	1.5	25	10	2900	65
-	50WQ9-22-2.2QG/2	3	2.2	9	22	2900	50
-	50WQ15-20-2.2QG/2	3	2.2	15	20	2900	50
-	65WQ25-17-2.2QG/2	3	2.2	25	17	2900	65
-	80WQ45-9-2.2QG/2	3	2.2	45	9	2900	80
-	50WQ15-30-3QG/2	4	3	15	30	2900	50
-	65WQ25-21-3QG/2	4	3	25	21	2900	65
-	80WQ43-13-3QG/2	4	3	43	13	2900	80
-	65WQ25-26-4QG/2	5.5	4	25	26	2900	65
-	80WQ45-17-4QG/2	5.5	4	45	17	2900	80
-	100WQ65-12-4QG/2	5.5	4	65	12	2900	100
-	65WQ30-30-5.5QG/2	7.5	5.5	30	30	2900	65
-	80WQ40-23-5.5QG/2	7.5	5.5	40	23	2900	80
-	100WQ65-15-5.5QG/2	7.5	5.5	65	15	2900	100
-	65WQ30-36-7.5QG/2	10	7.5	30	36	2900	65
-	80WQ45-28-7.5QG/2	10	7.5	45	28	2900	80
-	100WQ65-23-7.5QG/2	10	7.5	65	23	2900	100
-	150WQ100-12-7.5QG/2	10	7.5	100	12	2900	150
-	80WQV50-30-11/2	15	11	50	30	2900	80
-	100WQV80-25-11/2	15	11	80	25	2900	100
-	150WQV100-20-11/2	15	11	100	20	2900	150
-	200WQV180-11-11/2	15	11	180	11	2900	200
-	80WQV60-40-15/2	20	15	60	40	2900	80
-	100WQV100-30-15/2	20	15	100	30	2900	100
-	150WQV120-25-15/2	20	15	120	25	2900	150
-	200WQV180-15-15/2	20	15	180	15	2900	200
-	80WQV60-45-18.5/2	25	18.5	60	45	2900	80
-	100WQV80-40-18.5/2	25	18.5	80	40	2900	100
-	150WQV100-36-18.5/2	25	18.5	100	36	2900	150
-	200WQV180-18-18.5/2	25	18.5	180	18	2900	200
-	80WQV60-50-22/2	30	22	60	50	2900	80
-	100WQV80-45-22/2	30	22	80	45	2900	100
-	150WQV100-40-22/2	30	22	100	40	2900	150
-	200WQV200-20-22/2	30	22	200	20	2900	200
-	80WQV80-25-11/4	15	11	80	25	1450	80
-	100WQV80-25-11/4	15	11	80	25	1450	100

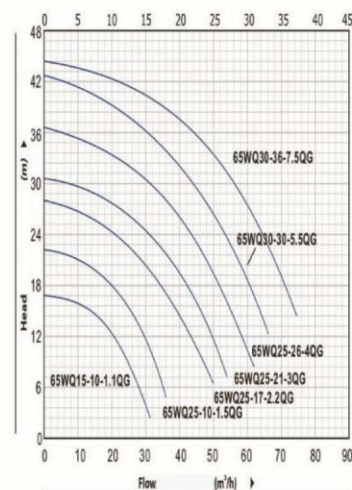
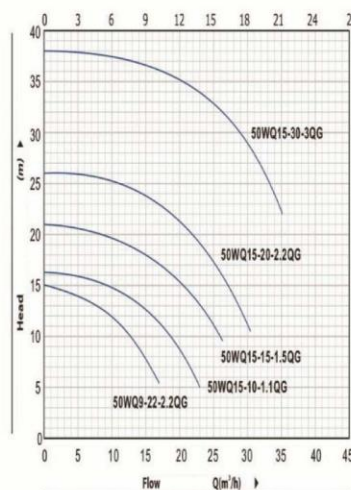
TECHNICAL DATA

50Hz n=2900/1450 r/min

MODEL		Power		Rated Q	Rated H	RPM	DN
		hp	kw				
Single-phase	Three-phase			m³/h	m		mm
-	150WQV150-15-11/4	15	11	150	15	1450	150
-	200WQV180-11-11/4	15	11	180	11	1450	200
-	80WQV80-30-15/4	20	15	80	30	1450	80
-	100WQV80-30-15/4	20	15	80	30	1450	100
-	150WQV200-15-15/4	20	15	200	15	1450	150
-	200WQV250-11-15/2	20	15	250	11	1450	200
-	150WQV250-15-18.5/4	25	18.5	250	11	1450	150
-	200WQV350-12-18.5/4	25	18.5	350	12	1450	200
-	150WQV300-15-22/4	30	22	300	15	1450	150
-	200WQV400-10-22/4	30	22	400	10	1450	220
-	200WQV250-21-30/4	40	30	250	21	1450	250
-	250WQV450-15-30/4	40	30	450	15	1450	250
-	300WQV600-10-30/4	40	30	600	10	1450	300

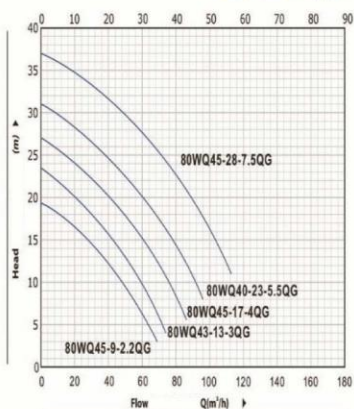
PERFORMANCE CURVE

50Hz n=2900 r/min

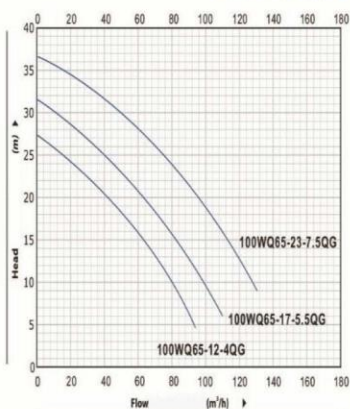


PERFORMANCE CURVE

50Hz n=2900 r/min

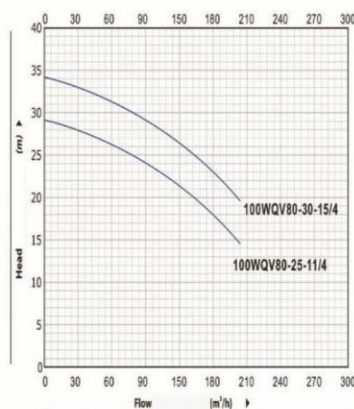


50Hz n=2900 r/min

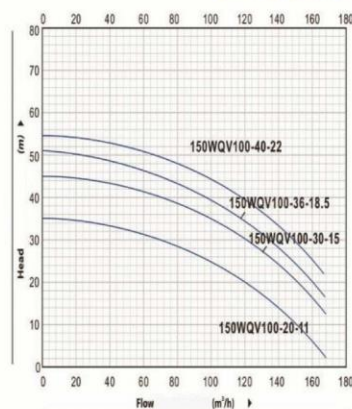


PERFORMANCE CURVE

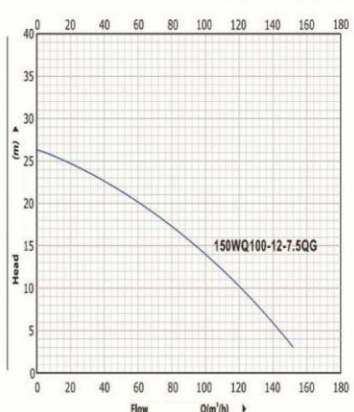
50Hz n=1450 r/min



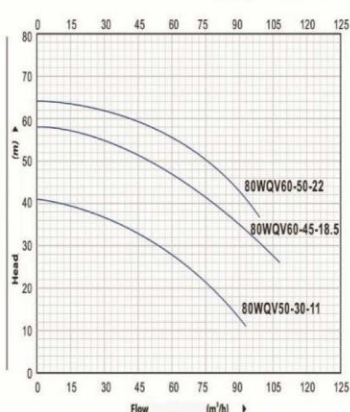
50Hz n=2900 r/min



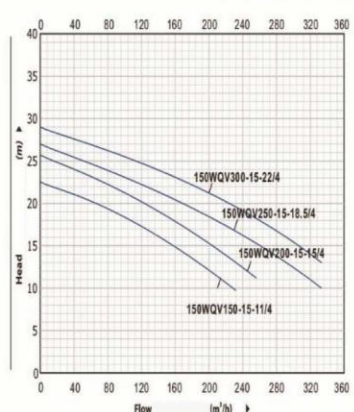
50Hz n=2900 r/min



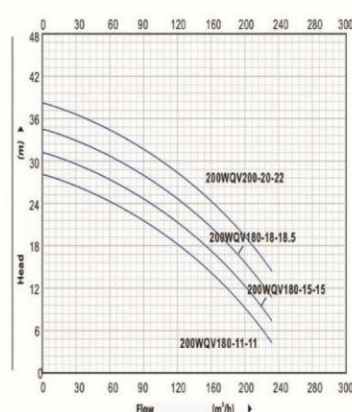
50Hz n=2900 r/min



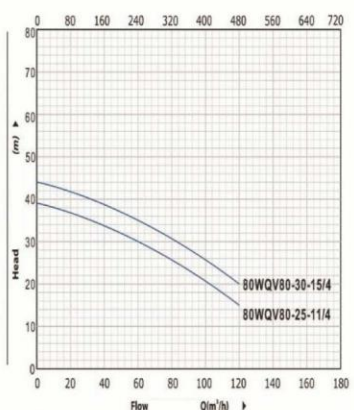
50Hz n=1450 r/min



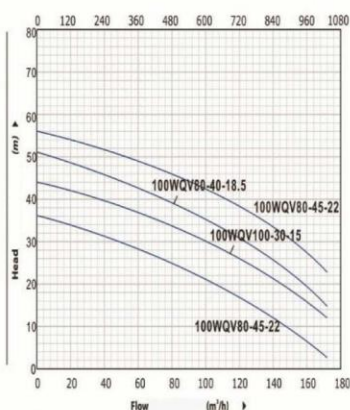
50Hz n=2900 r/min



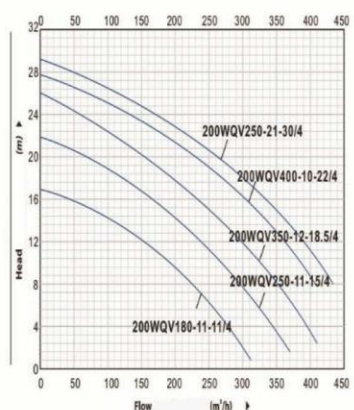
50Hz n=1450 r/min



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