

-  Clean water
-  Agricultural use
-  Civil use
-  Industrial use



FIELD PERFORMANCE

- Flow rate up to **1350 l/min** (81 m³/h)
- Head up to **38 m**

INSTALLATION AND USE

WR centrifugal pumps are designed to transfer clean water free from abrasive particles and liquids that will not damage the pump's components.

Suitable for civil and industrial applications such as **heating, air conditioning, cooling, and circulation** systems.

ELECTRIC MOTOR

The three-phase pumps are equipped with newly developed electric motors designed to work with inverters, which guarantee stable and quiet operation.

Efficiency class **IE3** for three-phase motors and **IE2** for single-phase motors, with class F insulation and IPX4 protection.

INCLUDES

- ✘ Pump's impeller directly mounted on the motor shaft.
- ✘ Pump body with suction and discharge ports of identical diameter.

APPLICATION LIMITS

- Manometric suction head up to **7 m**
- Liquid temperature between **-10 °C** and **+110 °C**
- Ambient temperature between **-10 °C** and **+40 °C**
- Maximum pressure in the pump body **10 bar** (PN10)

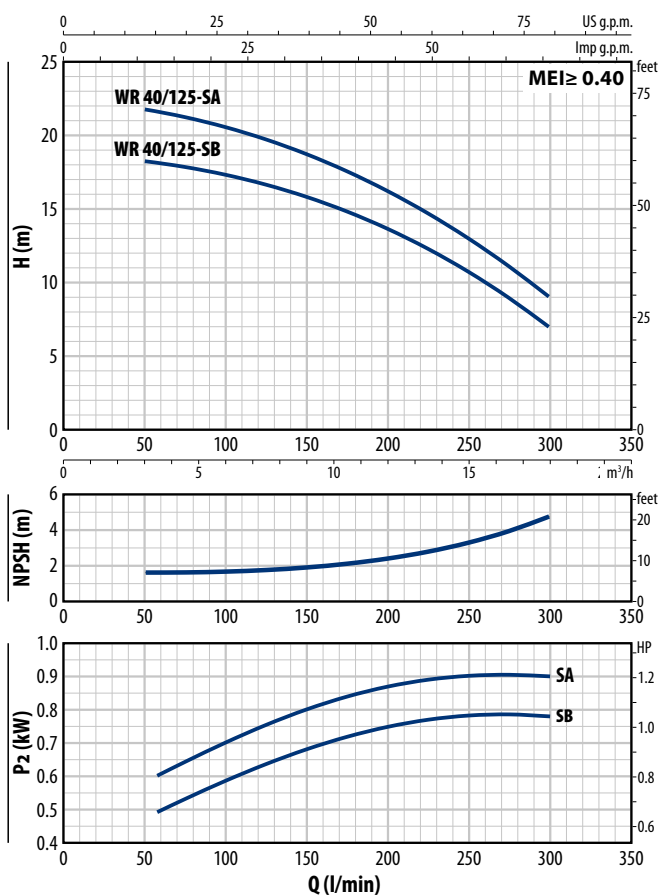
AVAILABLE UPON REQUEST

- ✘ Counterflange KIT including screws, nuts and gaskets
- ✘ Mechanical seal options available
- ✘ Different voltage requirements 60 Hz frequency

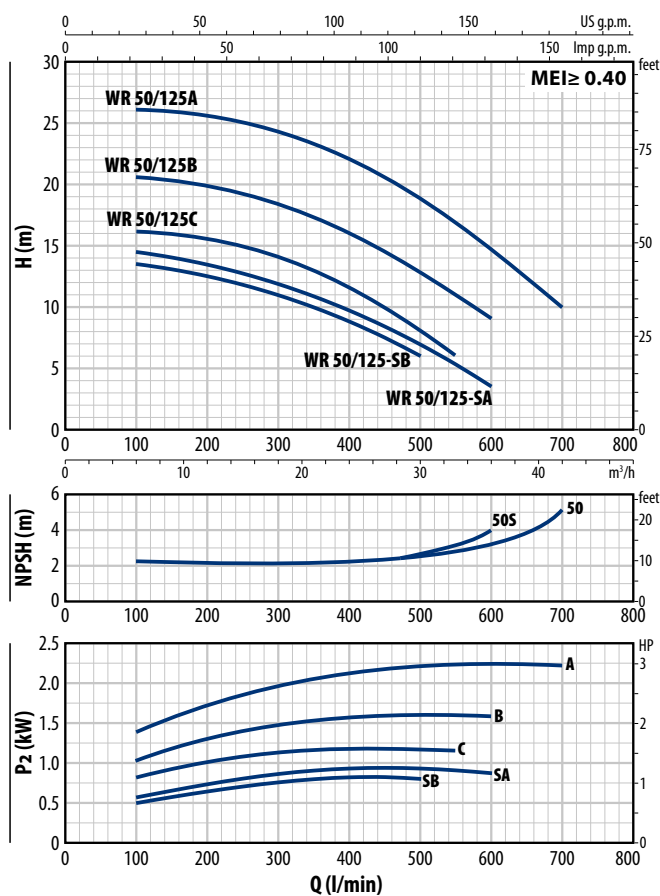
CURVES AND PERFORMANCE DATA – HS=0 m – n = 2900 min⁻¹

50 Hz

WR 40/125



WR 50/125



WR 40/125

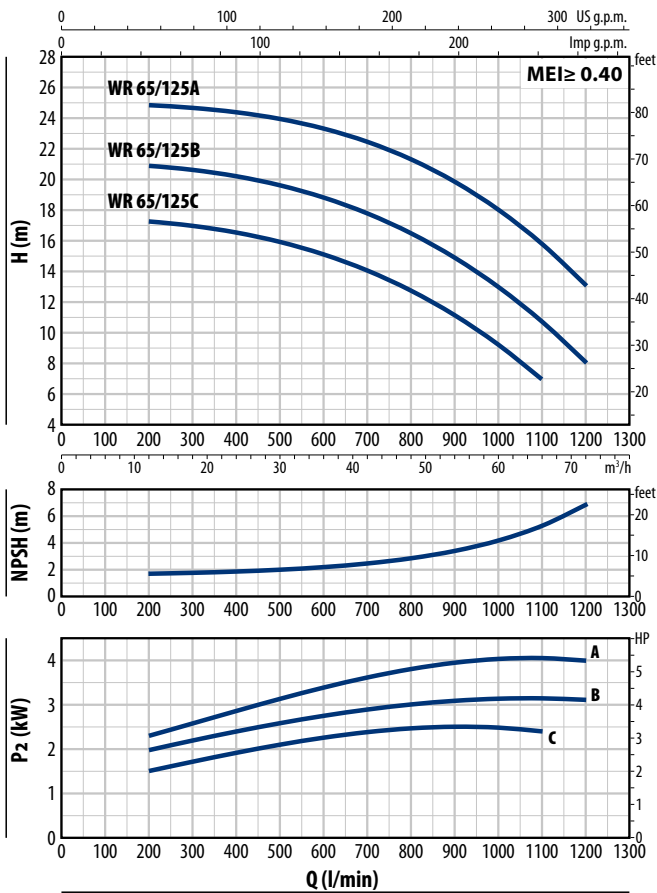
MODEL		POWER (P ₂)		1~3~	Q	m ³ /h	0	3	6	9	12	15	18
Single-phase	Three-phase	kW	HP			l/min	0	50	100	150	200	250	300
WRm 40/125-SB	WR 40/125-SB	0.55	0.75	IE2 IE3	H	m	18.7	18.2	17.3	15.8	13.7	10.7	7
WRm 40/125-SA	WR 40/125-SA	0.75	1				22.4	21.8	20.6	18.7	16.2	13	9

WR 50/125

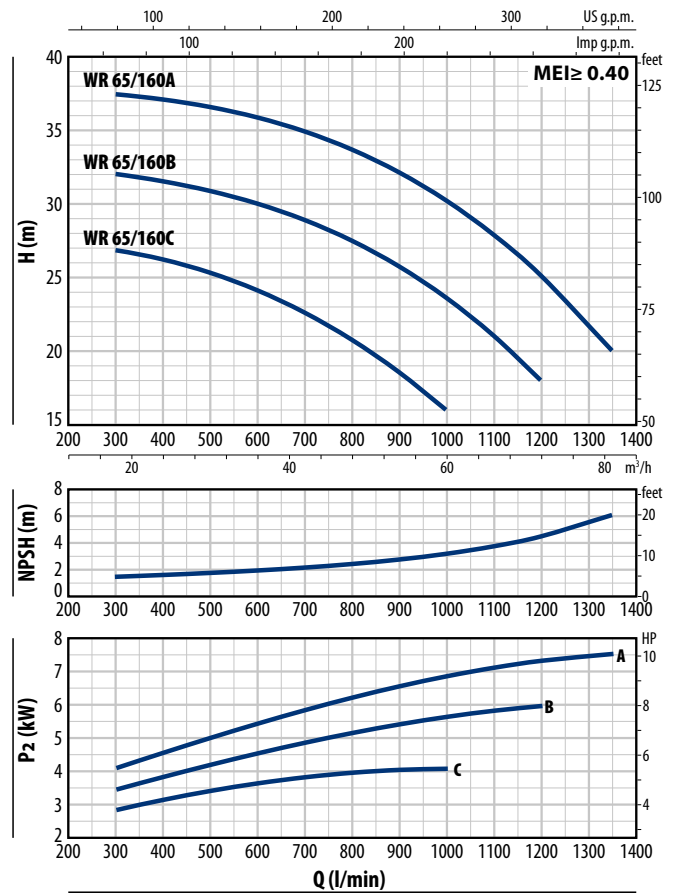
Q = Flow rate H = Total manometric head HS = Suction height

Performance curves comply with EN ISO 9906 Grade 3B tolerance limits.

WR 65/125



WR 65/160



WR 65/125

MODEL	POWER (P ₂)		3~	Q	m³/h	0	12	24	36	48	60	66	72	72
Three-phase	kW	HP			l/min	0	200	400	600	800	1000	1100	1200	1200
WR 65/125C	2.2	3	IE3	H	m	17.5	17.3	16.5	15.1	12.8	9.3	7		
WR 65/125B	3	4			21	20.8	20.1	18.8	16.5	13	10.5	8		
WR 65/125A	4	5.5			25	24.8	24.4	23.3	21.3	18	15.7	13	13	

WR 65/160

MODEL	POWER (P ₂)		3~	Q	m ³ /h	0	18	24	30	36	42	48	54	60	66	72	81
Single-phase	kW	HP			l/min	0	300	400	500	600	700	800	900	1000	1100	1200	1350
WR 65/160C	4	5.5	IE3	H	m	27	27	26.5	25	24.5	23	20	18.5	16			
WR 65/160B	5.5	7.5			33	32	31.7	31	30	29	27.4	25.7	23.5	21	18		
WR 65/160A	7.5	10			38	37.5	37	36.5	36	35	33.7	32	30.2	28	25	20	

Q = Flow rate H = Total manometric head HS = Suction height

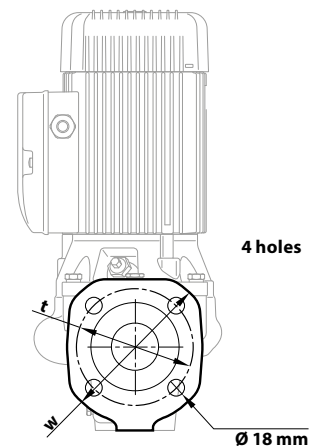
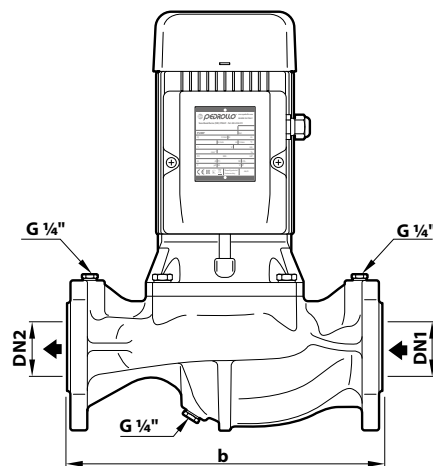
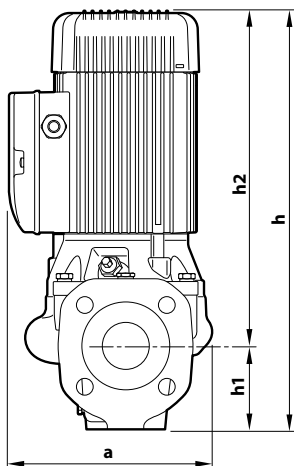
Performance curves comply with EN ISO 9906 Grade 3B tolerance limits.

ABSORPTION

MODEL	VOLTAGE
Single-phase	230 V
WR 40/125-SB	5.2 A
WR 40/125-SA	6.0 A
WR 50/125-SB	5.2 A
WR 50/125-SA	6.0 A
WR 50/125C	8.0 A
WR 50/125B	10.0 A
WR 50/125A	13.5 A

MODEL	VOLTAGE	
Three-phase	230 V - Δ	400 V - Y
WR 40/125-SB	3.6 A	2.1 A
WR 40/125-SA	4.0 A	2.3 A
WR 50/125-SB	3.6 A	2.1 A
WR 50/125-SA	4.0 A	2.3 A
WR 50/125C	5.2 A	3.0 A
WR 50/125B	7.8 A	4.5 A
WR 50/125A	9.0 A	5.2 A
WR 65/125C	11.6 A	6.7 A
WR 65/125B	13.0 A	7.5 A
WR 65/125A	16.0 A	9.2 A
WR 65/160C	15.6 A	9.0 A
WR 65/160B	20.8 A	12.0 A
WR 65/160A	27.7 A	16.0 A

DIMENSIONS



MODEL		PORTS		DIMENSIONS mm							kg
Single-phase	Three-phase	DN1	DN2	a	b	h	h1	h2	w	t	
WRm 40/125-SB	WR 40/125-SB	DN 40	DN 40	195	320	350	81	269	150	110	21.1
WRm 40/125-SA	WR 40/125-SA				340	362	90	272	165	125	23.4
WRm 50/125-SB	WR 50/125-SB	DN 50	DN 50	220	340	432	90	342	165	125	29.0
WRm 50/125-SA	WR 50/125-SA					452		362			30.0
WRm 50/125C	WR 50/125C			270	340	550	105	445	185	145	32.0
WRm 50/125B	WR 50/125B										51.0
WRm 50/125A	WR 50/125A	53.0									
–	WR 65/125C	DN 65	DN 65	260	340	600	105	495	185	145	51.0
–	WR 65/125B										51.0
–	WR 65/125A			53.0							
–	WR 65/160C			57.0							
–	WR 65/160B			63.0							
–	WR 65/160A										