

XRW SERIES

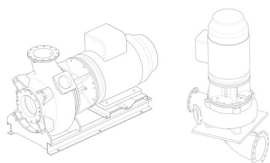
SOLIDS HANDLING PUMPS (DRY PIT)

PHYSICAL DATA

	50Hz	60Hz	50Hz	60Hz
DISCHARGE/SUCTION SIZE BY MODEL	XRW1-150	XRW1-6"	DN150 / DN200: PN10 / PN10 ISO 7005	6" #125 / 8" #125 ASTM/ANSI: 16.1, Class 125
	XRW1-200	XRW1-8"	DN200 / DN250: PN10 / PN10 ISO 7005	8" #125 / 10" #125 ASTM/ANSI: 16.1, Class 125
	XRW1-250	XRW1-10"	DN250 / DN300: PN10 / PN10 ISO 7005	10" #125 / 12" #125 ASTM/ANSI: 16.1, Class 125
	XRW1-300	XRW1-12"	DN300 / DN350: PN10 / PN10 ISO 7005	12" #125 / 14" #125 ASTM/ANSI: 16.1, Class 125
	XRW1-350	XRW1-14"	DN350 / DN400: PN10 / PN10 ISO 7005	14" #125 / 16" #125 ASTM/ANSI: 16.1, Class 125
	XRW1-400	XRW1-16"	DN400 / DN450: PN10 / PN10 ISO 7005	16" #125 / 18" #125 ASTM/ANSI: 16.1, Class 125
MEDIUM			Wastewater	
MAXIMUM SPHERE SIZE OF SOLIDS IN MEDIUM	XRW1-150	XRW1-6"	75 mm	3"
	XRW1-200	XRW1-8"	100 mm	4"
	XRW1-250	XRW1-10"	125 mm	5"
	XRW1-300	XRW1-12"	150 mm	6"
	XRW1-350	XRW1-14"	175 mm	7"
	XRW1-400	XRW1-16"	200 mm	8"
IMPELLER TYPE			Pentair Xcentric™ Impeller	
COATING EXTERNAL STANDARD			ISO 12944-2 CAT 3	SSPC-SP6 / SSPC-PA1
COATING EXTERNAL COLOR			RAL 5010	

TECHNICAL DATA

		50Hz	60Hz
E-MOTOR		IEC B35/B5, Close Coupled	
PUMP(SET) HORIZONTAL BASE FRAME		Steel S355 - Thermal Galvanized	ASTM A36 Steel Plate & Structural C-Channel
PUMP(SET) VERTICAL BASE FRAME		Steel S355 - Thermal Galvanized	ASTM A36 Steel Plate & Structural C-Channel
BEARING FRAME BEARINGS		Single Row - Ball / Double Row, Angular Contact - Ball	
SEAL CONSTRUCTION		Double Mechanical Seal - EMG1	
MATERIALS	Casing	Ductile Cast Iron (EN-GJS-500-7 DIN-EN1563)	ASTM A536 Grade 70-50-05
	Inspection Cover	Ductile Cast Iron (EN-GJS-500-7 DIN-EN1563)	ASTM A536 Grade 70-50-05
	Impeller	Ductile Cast Iron (EN-GJS-500-7 DIN-EN1563)	ASTM A536 Grade 70-50-05
	Shaft	Stainless Steel 1.4122 / X39CrMo17-1	Stainless Steel 1.4122 / X39CrMo17-1 Steel AISI 1144 or AISI 4140 (heat treated) ASTM A564 Type 630 17-4PH Condition H1150
	Bearing Frame	Ductile Cast Iron (EN-GJS-500-7 DIN-EN1563)	ASTM A536 Grade 70-50-05
	Wear Rings	Volute Wear Ring: Hardened Steel 200 HB or higher Impeller Wear Ring: Hardened Steel 300 HB or higher	
	O-Rings	BUNA-N ®	



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