



XINHONGJI
PUMP & MOTOR

TR >>>

SUBMERSIBLE PUMPS

PUMP INSTALLATION AND APPLICATIONS

These pumps are suitable for pumping clean water or fluids with a sand content of not more than 150 g/m³. Their high performance and driven ability make them suitable for use in domestic, civil and industrial fields, for the automatic distribution of water working in conjunction with surge tanks, for gardening in general, for washing and pressure-bossting systems, and for fire-fighting purposes, etc.

STRUCTURAL CHARACTERISTICS

DISCHARGE HEAD: Cast iron

IMPELLERS: Cast iron

DIFFUSERS: Cast iron

BOWL: Cast iron

PUMP SHAFT: AISI 304 stainless steel.

TRANSMISSION COUPLING: Cast iron

BOLTS, SCREWS, FILTER AND CABLE GUARD: AISI 304

Stainless steel/steel.

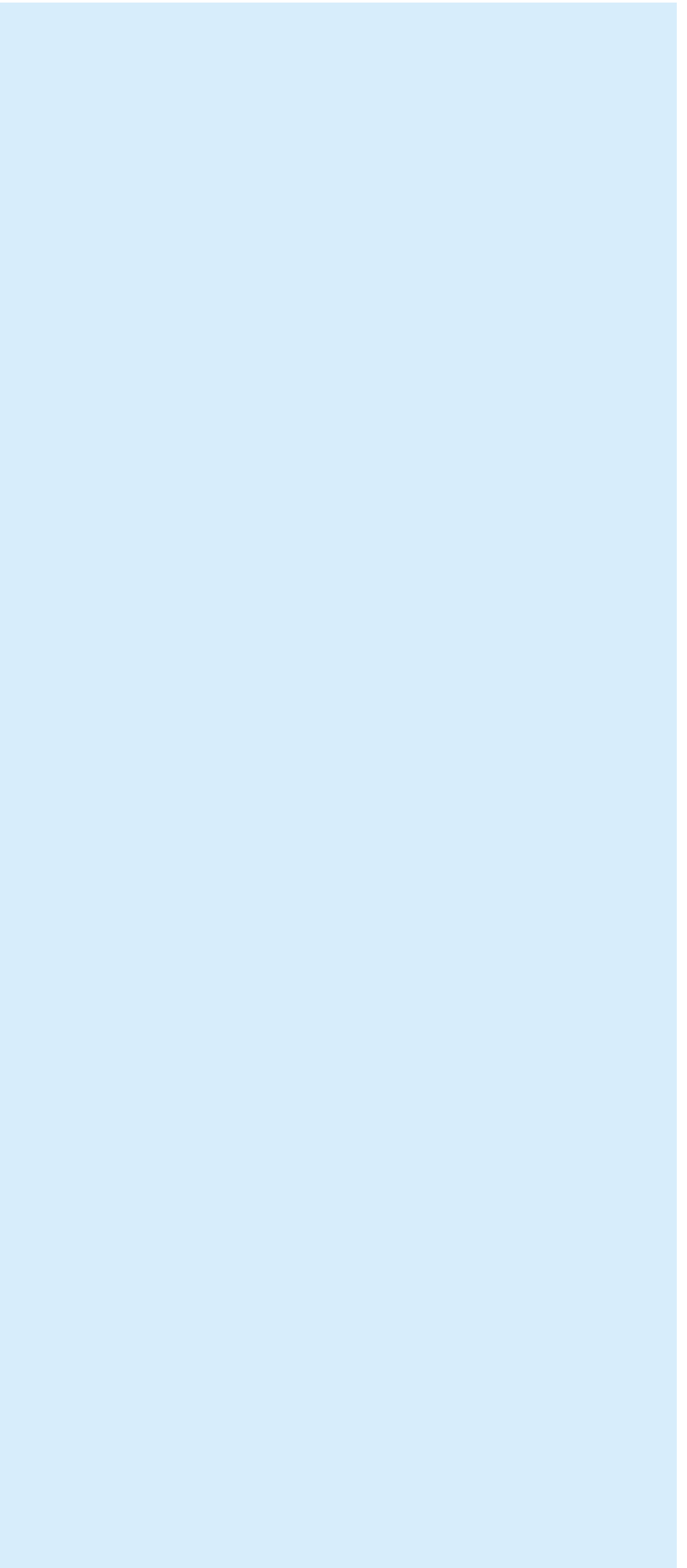
MOTOR: submersible: water filled motor or rewindable oil bath "XINHONGJI" motor.

PROTECTION : IP68

SUPPLY CABLE : 3 meters "FE4DM/T" submersible supply cable.

Model key





Performance Table

TYPE	Capacity (m ³ /h)	Head (m)	Speed (r/min)	Eff. (%)	Outlet Dia. (mm)	Well Dia. (mm)	Power (kW)	Voltage (V)	Current (A)	Motor Eff. (%)	Power Factor (cosφ)	Pump Dia. (mm)	Note
6TR5-100	5	100	2850	58	40	150	3	380	7.9	74.0	0.78	143	
6TR5-150		150					4		10.25	75.0	0.79		
6TR5-200		200					5.5		13.74	76.5	0.80		
6TR5-250		250					7.5		18.50	77.0	0.80		
6TR5-300		300					9.2		22.12	78.0	0.81		
6TR10-50	10	50	2850	63	50	150	3	380	7.90	74.0	0.78	143	
6TR10-70		70					4		10.25	75.0	0.79		
6TR10-80		80					4		10.25	75.0	0.79		
6TR10-100		100					5.5		13.74	76.0	0.80		
6TR10-150		150					7.5		18.5	77.0	0.80		
6TR10-180		180					9.2		22.12	78.0	0.81		
6TR10-200		200					11		26.28	78.0	0.81		
6TR10-250		250					13		30.87	79.0	0.81		
6TR10-300		300					15		35.62	79.0	0.81		
6TR15-36	15	36	2850	63	50	150	3	380	7.90	74.0	0.78	143	
6TR15-54		54					4		10.25	75.0	0.79		
6TR15-72		72					5.5		13.74	76.0	0.80		
6TR15-81		81					7.5		18.50	77.0	0.80		
6TR15-99		99					7.5		18.50	77.0	0.80		
6TR15-108		108					9.2		22.12	78.0	0.81		
6TR15-117		117					9.2		22.12	78.0	0.81		
6TR15-135		135					11		26.28	78.0	0.81		
6TR15-153		153					11		26.28	78.0	0.81		
6TR15-180		180					15		35.62	79.0	0.81		
6TR15-198		198					15		35.62	79.0	0.81		
6TR15-216		316					18.5		43.94	79.0	0.81		
6TR15-234		234					18.5		43.94	79.0	0.81		
6TR20-26		20					26		2850	64	50		150
6TR20-33	33		3	7.90	74.0	0.78							
6TR20-39	39		4	10.25	75.0	0.79							
6TR20-52	52		5.5	13.74	76.0	0.80							
6TR20-72	72		7.5	18.50	77.0	0.80							
6TR20-78	78		7.5	18.50	77.0	0.8							
6TR20-85	85		9.2	22.12	78.0	0.81							
6TR20-98	98		9.2	22.12	78.0	0.81							
6TR20-104	104		11	26.28	78.0	0.81							
6TR20-111	111		11	26.28	78.5	0.81							
6TR20-137	137		15	35.62	79.0	0.81							
6TR20-143	143		15	35.62	79.0	0.81							
6TR20-156	156		15	35.62	79.0	0.81							
6TR20-176	176		18.5	43.94	79.0	0.81							
6TR20-182	182	18.5	43.94	79.0	0.80								
6TR32-18	32	18	2850	66	65	150	3	380	7.90	74.0	0.78	143	
6TR32-24		24					4		10.25	75.0	0.79		
6TR32-30		30					5.5		13.74	76.0	0.80		
6TR32-36		36					5.5		13.74	76.0	0.80		
6TR32-42		42					7.5		18.50	77.0	0.80		
6TR32-54		54					9.2		22.12	78.0	0.81		
6TR32-66		66					11		26.28	78.5	0.81		
6TR32-72		72					13		30.87	79.0	0.81		
6TR32-84		84					13		30.87	79.0	0.81		
6TR32-96		96					15		35.62	79.0	0.81		
6TR32-108		108					18.5		43.94	79.0	0.81		
6TR32-130		130					22		50.95	80.0	0.82		

Performance Table

TYPE	Capacity (m ³ /h)	Head (m)	Speed (r/min)	Eff. (%)	Outlet Dia. (mm)	Well Dia. (mm)	Power (kW)	Voltage (V)	Current (A)	Motor Eff. (%)	Power Factor (cos φ)	Pump Dia (mm)	Note
6TR40-36	40	36	2850	67	65	150	7.5	380	18.75	77.0	0.80	143	
6TR40-42		42					9.2		22.32	78.0	0.81		
6TR40-54		54					11		26.81	78.5	0.81		
6TR40-72		72					13		31.48	79.0	0.81		
6TR40-84		84					15		36.09	79.0	0.81		
6TR40-96		96					18.5		43.94	79.0	0.81		
6TR40-108		108					22		50.95	77.0	0.80		
6TR50-32	50	32	2850	68	80	150	7.5	380	18.50	80.0	0.82	143	
6TR50-39		39					9.2		22.12	78.0	0.81		
6TR50-45		45					11		26.28	78.5	0.81		
6TR50-52		52					13		30.87	79.0	0.81		
6TR50-65		65					15		35.62	79.0	0.81		
6TR50-78		78					18.5		43.94	79.0	0.81		
6TR50-91		91					22		50.95	80.0	0.82		
6TR63-12	63	12	2850	68	80	150	4	380	10.25	75.0	0.79	148	
6TR63-18		18					7.5		18.50	77.0	0.80		
6TR63-30		30					9.2		22.12	78.0	0.81		
6TR63-36		36					11		26.28	78.5	0.81		
6TR63-42		42					13		30.87	79.0	0.81		
6TR63-48		48					15		35.62	79.0	0.81		
6TR63-54		54					18.5		43.90	79.0	0.81		
6TR63-60		60					22		50.95	80.0	0.82		
7TR5-55	5	55	2850	53	40	175	3	380	7.8	74.0	0.79	168	
7TR5-65		65					4		10.1	76.0	0.79		
7TR5-72		72					4		10.1	76.0	0.79		
7TR5-84		84					4		10.1	76.0	0.79		
7TR5-96		96					5.5		13.6	77.0	0.80		
7TR5-100		100					5.5		13.6	77.0	0.80		
7TR5-120		120					7.5		18.4	77.5	0.80		
7TR5-150		150					7.5		18.4	77.5	0.80		
7TR10-42	10	42	2850	55	50	175	3	380	7.8	74.0	0.79	168	
7TR10-56		56					4		10.1	76.0	0.79		
7TR10-70		70					4		10.1	76.0	0.79		
7TR10-84		84					5.5		13.6	77.0	0.80		
7TR10-112		112					7.5		18.4	77.5	0.80		
7TR10-126		126					7.5		18.4	77.5	0.80		
7TR10-140		140					9.2		22.1	78.0	0.81		
7TR15-42	15	42	2850	60	50	175	4	380	10.1	76.0	0.79	168	
7TR15-55		55					5.5		13.6	77.0	0.80		
7TR15-65		65					5.5		13.6	77.0	0.80		
7TR15-85		85					7.5		18.4	77.5	0.80		
7TR15-112		112					10		22.1	78.0	0.81		
7TR20-30	20	30	2850	64	50	175	3	380	7.8	74.0	0.79	168	
7TR20-40		40					4		10.1	76.0	0.79		
7TR20-52		52					5.5		13.6	77.0	0.80		
7TR20-78		78					7.5		18.4	77.5	0.80		
7TR20-91		91					9.2		22.1	78.0	0.81		
7TR20-104		104					11		26.1	79.0	0.81		
7TR20-130		130					13		30.1	80.0	0.82		
7TR20-156		156					15		34.7	80.0	0.82		
7TR20-182		182					18.5		42.6	80.5	0.82		

Performance Table

TYPE	Capacity (m ³ /h)	Head (m)	Speed (r/min)	Eff. (%)	Outlet Dia. (mm)	Well Dia. (mm)	Power (kW)	Voltage (V)	Current (A)	Motor Eff. (%)	Power Factor (cos φ)	Pump Dia (mm)	Note	
7TR20-208	20	208	2850	64	50	175	22	380	49.7	81.0	0.83	168		
7TR20-247		247					25		56.5				81.0	0.83
7TR20-273		273					28		63.3				81.0	0.83
7TR20-299		299					30		67.8				81.0	0.83
7TR20-325		325					32		72.3				81.0	0.83
7TR20-364		364					37		83.6				81.0	0.83
7TR25-26	25	26	2850	66	65	175	3	380	7.80	74.0	0.79	168		
7TR25-39		39					5.5		13.6				77.0	0.80
7TR25-65		65					7.5		18.4				77.5	0.80
7TR25-78		78					9.2		22.1				78.0	0.81
7TR25-91		91					11		26.1				79.0	0.81
7TR25-104		104					13		30.1				80.0	0.82
7TR25-130		130					15		34.7				80.0	0.82
7TR25-156		156					18.5		42.6				80.0	0.83
7TR25-182		182					22		49.7				81.0	0.83
7TR22-208		208					25		56.5				81.0	0.83
7TR25-221		221					28		63.3				81.0	0.83
7TR25-247		247					30		67.8				81.0	0.83
7TR25-260		260					32		72.3				81.0	0.83
7TR25-299		299					37		83.6				81.0	0.83
7TR30-30	30	30	2850	67	80	175	4	380	10.1	76.0	0.79	168		
7TR30-40		40					5.5		13.6				77.0	0.80
7TR32-24	32	24	2850	68	50	175	4	380	10.1	76.0	0.79	168		
7TR32-36		36					5.5		13.6				77.0	0.80
7TR32-48		48					7.5		18.4				77.5	0.80
7TR32-60		60					9.2		22.1				78.0	0.78
7TR32-65		65					10		25.0				78.0	0.81
7TR32-72		72					11		26.1				79.0	0.81
7TR32-78		78					13		30.1				80.0	0.82
7TR32-84		84					13		30.1				80.0	0.82
7TR32-91		91					15		34.7				80.0	0.82
7TR32-96		96					15		34.7				80.0	0.82
7TR32-117		117					18.5		42.6				80.5	0.82
7TR32-120		120					18.5		42.6				80.5	0.82
7TR32-130		130					22		49.7				81.0	0.82
7TR32-144		144					22		49.7				81.0	0.83
7TR32-156		156					25		56.5				81.0	0.83
7TR32-168		168					25		56.5				81.0	0.83
7TR32-180		180					28		63.3				81.0	0.83
7TR32-192		192					30		67.8				81.0	0.83
7TR32-204	204	32	72.3	81.0	0.83									
7TR32-240	240	37	83.6	81.0	0.83									
7TR35-60	40	60	2850	70	80	175	10	380	25.0	78.0	0.78	168		
7TR35-75		75					13		32.1				79.0	0.78
7TR35-100		100					17		40.9				80.0	0.79

Performance Table

TYPE	Capacity (m ³ /h)	Head (m)	Speed (r/min)	Eff. (%)	Outlet Dia. (mm)	Well Dia. (mm)	Power (kW)	Voltage (V)	Current (A)	Motor Eff. (%)	Power Factor (cos φ)	Pump Dai (mm)	Note
7TR40-24	35	24	2850	68	80	175	5.5	380	13.6	77.0	0.80	168	
7TR40-30		30					5.5		13.6	77.0	0.80		
7TR40-40		40					7.5		18.4	77.5	0.81		
7TR40-48		48					9.2		22.1	78.0	0.81		
7TR40-60		60					11		26.1	79.0	0.81		
7TR40-65		65					13		30.1	80.0	0.2		
7TR40-72		72					13		30.1	80.0	0.82		
7TR40-78		78					15		34.7	80.0	0.82		
7TR40-84		84					15		34.7	80.0	0.82		
7TR40-91	40	91	2850	70	80	175	17	380	40.9	80.0	0.79	168	
7TR40-96		96					18.5		42.6	80.5	0.82		
7TR40-117		117					22		49.7	81.0	0.82		
7TR40-120		120					22		49.7	81.0	0.82		
7TR40-132		132					25		56.5	81.0	0.83		
7TR40-144		144					28		63.3	81.0	0.83		
7TR40-156		156					30		67.8	81.0	0.83		
7TR40-168		168					32		72.3	81.0	0.83		
7TR40-192		192					37		83.6	81.0	0.83		
7TR50-24	50	24	2850	72	80	175	5.5	380	13.6	77.0	0.80	168	
7TR50-26		26					7.5		18.4	77.5	0.81		
7TR50-36		36					9.2		22.1	78.0	0.81		
7TR50-39		39					9.2		22.1	78.0	0.81		
7TR50-40		40					10		25.0	78.0	0.78		
7TR50-48		48					11		26.1	79.0	0.81		
7TR50-50		50					11		26.1	79.0	0.81		
7TR50-60		60					13		30.1	80.0	0.82		
7TR50-65		65					15		34.7	80.0	0.82		
7TR50-70		70					17		40.9	80.0	0.79		
7TR50-78		78					18.5		42.6	80.5	0.82		
7TR50-84		84					18.5		42.6	80.5	0.82		
7TR50-91		91					22		49.7	81.0	0.83		
7TR50-96		96					22		49.7	81.0	0.83		
7TR50-104		104					25		56.5	81.0	0.83		
7TR50-108		108					25		56.5	81.0	0.83		
7TR50-117		117					28		63.3	81.0	0.83		
7TR50-120		120					28		63.3	81.0	0.83		
7TR50-130		130					30		67.8	81.0	0.83		
7TR50-132		133					30		67.8	81.0	0.83		
7TR50-144	144	32	72.3	81.0	0.83								
7TR50-156	156	37	83.6	81.0	0.83								

Performance Table

TYPE	Capacity (m ³ /h)	Head (m)	Speed (r/min)	Eff. (%)	Outlet Dia. (mm)	Well Dia. (mm)	Power (kW)	Voltage (V)	Current (A)	Motor Eff. (%)	Power Factor (cos φ)	Pump Dia. (mm)	Note
7TR63-22	63	22	2850	72	80	175	7.5	380	18.4	77.5	0.80	168	
7TR63-33		33					10		25.0	78	0.78		
7TR63-44		44					13		30.1	80.0	0.82		
7TR63-55		55					15		34.7	80.0	0.82		
7TR63-66		66					18.5		42.6	80.5	0.82		
7TR63-77		77					22		49.7	81.0	0.83		
7TR63-88		88					25		56.5	81.0	0.83		
7TR63-99		99					30		67.8	81.0	0.83		
7TR63-110		110					32		72.3	81.0	0.83		
7TR63-132		132					37		83.6	81.0	0.83		
7TR80-9	80	9	2850	73	100	175	4	380	10.1	76.0	0.79	168	
7TR80-18		18					7.5		18.4	77.5	0.80		
7TR80-27		27					11		26.1	79.0	0.81		
7TR80-36		36					15		34.7	80.0	0.82		
7TR80-45		45					18		42.6	80.5	0.82		
7TR80-54		54					22		49.7	81.0	0.83		
7TR80-63		63					25		56.5	81.0	0.83		
7TR80-72		72					25		56.5	81.0	0.83		
7TR80-81		81					30		67.8	81.0	0.83		
7TR80-90		90					32		72.3	81.0	0.83		
7TR80-99		99					37		83.6	81.0	0.83		
8TR20-40	20	40	2850	66	50	200	4	380	10.1	81.0	0.79	184	
8TR20-54		54					5.5		13.6	77.0	0.80		
8TR20-81		81					7.5		18.0	78.0	0.81		
8TR20-93		93					9.2		21.7	78.5	0.82		
8TR20-108		108					11		25.8	79.0	0.82		
8TR20-121		121					13		29.8	80.0	0.83		
8TR20-148		148					15		33.9	81.0	0.83		
8TR20-175		175					18.5		41.6	81.5	0.83		
8TR20-202		202					22		48.2	82.5	0.84		
8TR20-243		243					25		54.5	83.0	0.84		
8TR20-270		270					30		65.4	83.0	0.84		
8TR20-360		360					37		79.7	84.0	0.84		
8TR25-28	25	28	2850	68	65	200	4	380	10.1	76.0	0.79	184	
8TR25-42		42					5.5		13.6	77.0	0.80		
8TR25-56		56					7.5		18.0	78.0	0.81		
8TR25-70		70					9.2		21.7	78.5	0.82		
8TR25-98		98					11		25.8	79.0	0.82		
8TR25-112		112					13		29.8	80.0	0.83		
8TR25-126		126					15		33.9	81.0	0.83		
8TR25-154		154					18.5		41.6	81.5	0.83		
8TR25-182		182					22		48.2	82.5	0.84		
8TR25-210		210					25		54.5	83.0	0.84		
8TR25-252		252					30		65.4	83.0	0.84		
8TR25-308		308					37		79.7	84.0	0.84		
8TR25-378		378					45		96.9	84.0	0.84		

Performance Table

TYPE	Capacity (m ³ /h)	Head (m)	Speed (r/min)	Eff. (%)	Outlet Dia. (mm)	Well Dia. (mm)	Power (kW)	Voltage (V)	Current (A)	Motor Eff. (%)	Power Factor (cos φ)	Pump Dai (mm)	Note							
8TR32-26	32	26	2850	70	80	200	4	380	10.1	76.0	0.79	184								
8TR32-39		39					5.5		13.6	77.0	0.80									
8TR32-52		52					7.5		18.0	78.0	0.81									
8TR32-78		78					11		25.8	79.0	0.82									
8TR32-91		91					13		29.8	80.0	0.83									
8TR32-104		104					15		33.9	81.0	0.83									
8TR32-130		130					18.5		41.6	81.5	0.83									
8TR32-143		143					22		48.2	82.5	0.84									
8TR32-169		169					25		54.5	83.0	0.84									
8TR32-195		195					30		65.4	83.0	0.84									
8TR32-247		247					37		79.7	84.0	0.84									
8TR32-299		299					45		96.9	84.0	0.84									
8TR40-26	40	26	2850	72	80	200	5.5	380	13.6	77.0	0.80	184								
8TR40-39		39					7.5		18.0	78.0	0.81									
8TR40-52		52					9.2		21.7	78.5	0.82									
8TR40-65		65					11		25.8	79.0	0.82									
8TR40-78		78					15		33.9	81.0	0.83									
8TR40-104		104					18.5		41.6	81.5	0.83									
8TR40-117		117					22		48.2	82.5	0.84									
8TR40-143		143					25		54.5	83.0	0.84									
8TR40-169		169					30		65.4	83.0	0.84									
8TR40-208		208					37		79.7	84.0	0.84									
8TR40-247		247					45		96.9	84.0	0.84									
8TR50-26		50					26		2850	74	80		200	5.5	380	13.6	77.0	0.80	184	
8TR50-39	39		9.2	21.7	78.5	0.82														
8TR50-52	52		11	25.8	79.0	0.82														
8TR50-65	65		15	33.9	81.0	0.83														
8TR50-78	78		18.5	41.6	81.5	0.83														
8TR50-91	91		22	48.2	82.5	0.84														
8TR50-104	104		25	54.5	83.0	0.84														
8TR50-130	130		30	65.4	83.0	0.84														
8TR50-156	156		37	79.7	84.0	0.84														
8TR50-208	208		45	96.9	84.0	0.84														
8TR63-24	63		24	2850	74	80	200	7.5				380		18.0		78.0	0.81	184		
8TR63-36			36					11						25.8		79.0	0.82			
8TR63-60		60	18.5					41.6	81.5	0.83										
8TR63-72		72	22					48.2	82.5	0.84										
8TR63-84		84	25					54.5	83.0	0.84										
8TR63-96		96	30					65.4	83.0	0.84										
8TR63-120		120	37					79.7	84.0	0.84										
8TR63-144		144	45					96.9	84.0	0.84										
8TR80-22	80	22	2850	75	100	200	7.5	380	18.0	78.0	0.81	184								
8TR80-33		33					11		25.8	79.0	0.82									
8TR80-44		44					15		33.9	81.0	0.83									
8TR80-55		55					18.5		41.6	81.5	0.83									
8TR80-66		66					22		48.2	82.5	0.84									
8TR80-77		77					25		54.5	83.0	0.84									

Performance Table

TYPE	Capacity (m ³ /h)	Head (m)	Speed (r/min)	Eff. (%)	Outlet Dia. (mm)	Well Dia. (mm)	Power (kW)	Voltage (V)	Current (A)	Motor Eff. (%)	Power Factor (cos φ)	Pump Dia. (mm)	Note	
8TR80-88	80	88	2850	75	100	200	30	380	65.4	83.0	0.84	184		
8TR80-99		99					37		79.7				84.0	0.84
8TR80-121		121					45		96.9				84.0	0.84
8TR100-18	100	18	2850	75	100	200	9.2	380	21.7	78.5	0.82	184		
8TR100-36		36					18.5		41.6				81.5	0.83
8TR100-45		45					22		48.2				82.5	0.84
8TR100-54		54					25		54.5				83.0	0.84
8TR100-63		63					30		65.4				83.0	0.84
8TR100-72		72					37		79.7				84.0	0.84
8TR100-90		90					45		96.9				84.0	0.84
10TR40-110		40					110		2875				70	80
10TR40-132	132		25	53.8	84.0	0.84								
10TR40-154	154		30	64.2	84.5	0.84								
10TR40-198	198		37	77.8	85.0	0.85								
10TR40-242	242		45	94.1	85.5	0.85								
10TR40-286	286		55	114.3	86.0	0.85								
10TR40-330	330		63	130.9	86.0	0.85								
10TR50-60	50	60	2875	72	80	250	13	380	30.1	80.0	0.82	233		
10TR50-80		80					18.5		40.8				82.0	0.84
10TR50-100		100					22		48.0				83.0	0.84
10TR50-120		120					25		53.8				84.0	0.84
10TR50-140		140					30		64.2				84.5	0.84
10TR50-160		160					37		77.8				85.0	0.85
10TR50-200		200					45		94.1				85.5	0.85
10TR50-240		240					55		114.3				86.0	0.85
10TR50-280		280					63		130.9				86.0	0.85
10TR50-320		320					75		152.3				87.0	0.86
10TR50-400		400					90		182.8				87.0	0.86
10TR50-440		440					100		203.1				87.0	0.86
10TR50-480		480					110		220.8				87.0	0.87
10TR63-60	63	60	2875	74	80	200	18.5	380	40.8	82.0	0.84	233		
10TR63-80		80					22		48.0				83.0	0.84
10TR63-100		100					30		64.2				84.5	0.84
10TR63-120		120					37		77.8				85.0	0.85
10TR63-160		160					45		94.1				85.5	0.85
10TR63-200		200					55		114.3				86.0	0.85
10TR63-220		220					63		130.9				86.0	0.85
10TR63-260		260					75		152.3				87.0	0.86
10TR63-300		300					90		182.8				87.0	0.86
10TR63-360		360					100		203.1				87.0	0.86
10TR63-400		400					110		220.8				87.0	0.87