TR10
10" SUBMERSIBLE MOTORS

NEW



10" Asynchronous two-poles or four-poles submersible motor, **rewindable type,** with external shell made in AISI 316 stainless steel and supports in cast iron with paint coating (standard version). Cooling and lubrication of the thrust bearing assembly and carbon bushes is provided by a mixture of water and glycol. Squirrel-cage rotor mounted on Mitchell self-centring thrust bearing. The motor is available also in full stainless steel AISI 316 version and on demand AISI 904 version. Mechanical seal in silicon/carbide.
On request it's available also a version suitable for use with variable frequency drive.

The motor is equipped with 8 meters single-core flat cables directly connected with the windings and it's available with DOL or STAR-DELTA starting type. The cables are certifi ed ACS and WRAS. Overload protection must be provided by user. On request PT100 and PTC temperature sensors are available.

Standard version with PVC windings (except TR10 230 and TR10 260 standard, version PE2 +PA)
AVAILABLE ON REQUEST A PE2 + PA WINDING VERSION FOR INVERTER APPLICATION.

TECHNICAL DATA - Direct Starting

MODEL	STANDARD		AISI 316		P2 (HP)	P2 kW	VOLTAGE 50 Hz	IN (A)	Is/In	P1 (W)	N (min⁻¹)	Cos φ	η %	CABLE	
	PVC	PE2 + PA	PVC	PE2 + PA										Ø mm²	LC (m)
	CODE	CODE	CODE	CODE											
TR10100 75KW	60146792	60146838	60146818	60146852	100	75	3 x 400 V ~	148	5,4	86207	2910	0,84	87	4x50	8
TR10125 92KW	60146793	60146839	60146819	60146853	125	92	3 x 400 V ~	185	5,6	105747	2910	0,82	87	4x50	8
TR10150 110KW	60146794	60146840	60146820	60146854	150	110	3 x 400 V ~	217	5,7	125000	2910	0,84	88	4x50	8
TR10180 132KW	60146795	60146841	60146821	60146855	180	132	3 x 400 V ~	257	5,7	150000	2910	0,84	88	4x50	8
TR10200 147KW	60146796	60146842	60146822	60146856	200	147	3 x 400 V ~	300	6,2	168966	2920	0,81	87	4x50	8
TR10230 170KW	-	60146843	-	60146857	230	170	3 x 400 V ~	348	6,0	195402	2920	0,81	87	4x50	8
TR10260 190KW	-	60146844	-	60146858	260	190	3 x 400 V ~	405	5,9	218391	2930	0,79	87	4x50	8

Cable included

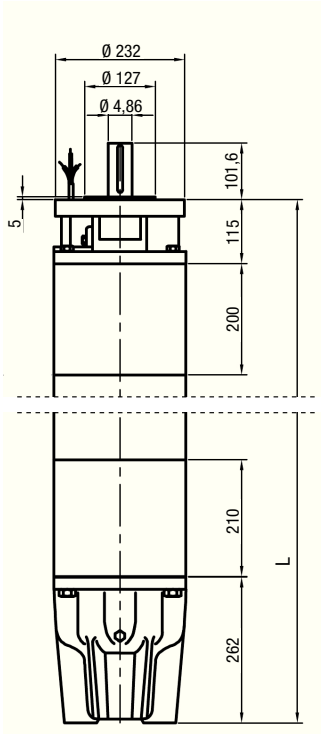
TECHNICAL DATA - Star/Delta Starting

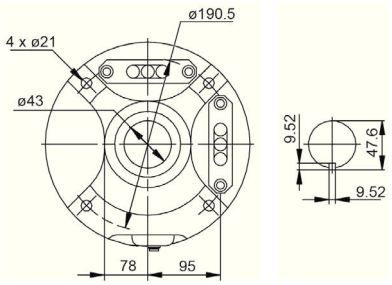
MODEL	STANDARD		AISI 316		P2 (HP)	P2 kW	VOLTAGE 50 Hz	IN (A)	Is/In	P1 (W)	N (min⁻¹)	Cos φ	η %	CABLE	
	PVC	PE2 + PA	PVC	PE2 + PA										Ø mm²	LC (m)
	CODE	CODE	CODE	CODE											
TR10100 75KW	60146797	60146845	60146823	60146859	100	75	3 x 400 V ~	148	5,4	86207	2910	0,84	87	4x35	8
TR10125 92KW	60146798	60146846	60146824	60146860	125	92	3 x 400 V ~	185	5,6	105747	2910	0,82	87	4x35	8
TR10150 110KW	60146815	60146847	60146825	60146861	150	110	3 x 400 V ~	217	5,7	125000	2910	0,84	88	4x35	8
TR10180 132KW	60146816	60146848	60146826	60146862	180	132	3 x 400 V ~	257	5,7	150000	2910	0,84	88	4x35	8
TR10200 147KW	60146817	60146849	60146827	60146863	200	147	3 x 400 V ~	300	6,2	168966	2920	0,81	87	4x35	8
TR10230 170KW	-	60146850	-	60146864	230	170	3 x 400 V ~	348	6,0	195402	2920	0,81	87	4x35	8
TR10260 190KW	-	60146851	-	60146865	260	190	3 x 400 V ~	405	5,9	218391	2930	0,79	87	4x35	8

2 cables included

DAB PUMPS reserves the right to make modifications without notice

DIMENSIONS AND WEIGHTS





MODEL	L1 [mm]	WEIGHT (Kg)	AXIAL THRUST (N)
TR10100 75KW	1400	280	60000
TR10125 92KW	1500	330	60000
TR10150 110KW	1690	385	60000
TR10180 132KW	1870	435	60000
TR10200 147KW	2070	500	60000
TR10230 170KW	2220	540	60000
TR10260 190KW	2400	580	60000