TR12
12" SUBMERSIBLE MOTORS

NEW



tesla submersible motors

12" 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. 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 TR12300 and TR12340 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											
TR12180 132KW	60146880	60146896	60146888	60146910	180	132	3x400 V~	266	5.0	151000	2930	0,82	88	4x70	8
TR12200 147KW	60146881	60146897	60146889	60146911	200	147	3x400 V~	290	6,2	167045	2930	0,83	88	4x70	8
TR12230 170KW	60146882	60146898	60146890	60146912	230	170	3x400 V~	329	6,1	193182	2920	0,85	88	4x70	8
TR12260 190KW	60146883	60146899	60146891	60146913	260	190	3x400 V~	371	6,2	215909	2930	0,84	88	4x70	8
TR12300 220KW	-	60146900	-	60146914	300	220	3x400 V~	424	6,1	250000	2920	0,85	88	4x70	8
TR12340 250KW	-	60146901	-	60146915	340	250	3x400 V~	481	5,9	284091	2920	0,85	88	4x70	8

Cable included

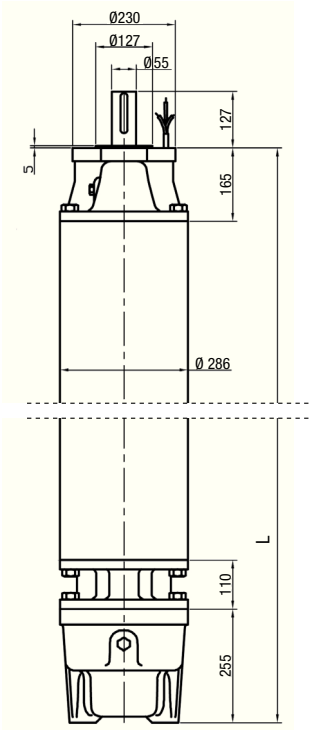
TECHNICAL DATA - Star/Delta Starting

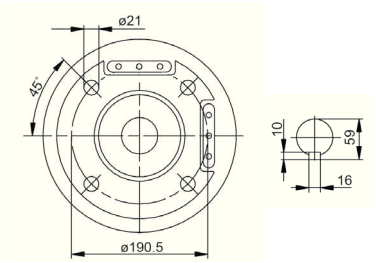
MODEL	STANDARD		AISI 316		P2 (HP)	P2 kW	VOLTAGE 50 Hz	IN (A)	Is/In	P1 (W)	N (min⁻¹)	Cos φ	η %	CABLE	
	PVC	PE2 + PA	PVC	PE2 + PA										Ø mm²	LC (m)
	CODE	CODE	CODE	CODE											
TR12180 132KW	60146884	60146903	60146892	60146917	180	132	3x400 V~	266	5.0	151000	2930	0,82	88	4x70	8
TR12200 147KW	60146885	60146904	60146893	60146918	200	147	3x400 V~	290	6,2	167045	2930	0,83	88	4x70	8
TR12230 170KW	60146886	60146905	60146894	60146919	230	170	3x400 V~	329	6,1	193182	2920	0,85	88	4x70	8
TR12260 190KW	60146887	60146906	60146895	60146920	260	190	3x400 V~	371	6,2	215909	2930	0,84	88	4x70	8
TR12300 220KW	-	60146907	-	60146921	300	220	3x400 V~	424	6,1	250000	2920	0,85	88	4x70	8
TR12340 250KW	-	60146908	-	60146922	340	250	3x400 V~	481	5,9	284091	2920	0,85	88	4x70	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)
TR12180 132KW	1700	510	70000
TR12200 147KW	1790	565	70000
TR12230 170KW	1880	605	70000
TR12260 190KW	1980	650	70000
TR12300 220KW	2110	700	70000
TR12340 250KW	2280	775	70000
TR12400 300KW	2390	870	70000