TR6
6" SUBMERSIBLE MOTORS

NEW



tesla submersible motors

6"Asynchronous two-poles submersible motor, **rewindable type**, made in AISI 304 stainless steel and 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 ceramic/ carbon for the standard version, in silicon/carbide for the AISI 316 stainless steel version.
On request it's available also a version suitable for use with variable frequency drive (30 Hz –60 Hz).
The motor is equipped with 5 meters three-core flat cable directly connected with the windings and a ground cable, and it's available with DOL or STAR-DELTA starting type.
The cable is certified ACS and WRAS. Overload protection must be provided by user. On request PT100 and PTC temperature sensors are available.

Standard version with PVC windings.
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											
TR607	60144263	60146662	60146624	60146684	7,5	5,5	3x400 V~	13,7	3,5	7237	2870	0,77	76	4x6	5
TR610	60144264	60146663	60146625	60146685	10	7,5	3x400 V~	18,2	3,6	9740	2860	0,78	77	4x6	5
TR612	60144265	60146664	60146626	60146686	12,5	9,2	3x400 V~	21,7	3,5	11795	2850	0,79	78	4x6	5
TR615	60144266	60146665	60146627	60146687	15	11	3x400 V~	26,2	3,7	14103	2860	0,79	78	4x6	5
TR617	60144267	60146667	60146628	60146688	17,5	13	3x400 V~	30,5	3,8	16456	2850	0,79	79	4x6	5
TR620	60144268	60146668	60146629	60146689	20	15	3x400 V~	34,8	4,2	18987	2860	0,80	79	4x6	5
TR625	60144269	60146669	60146630	60146690	25	18,5	3x400 V~	41,4	4,5	22840	2860	0,80	81	4x6	5
TR630	60144270	60146670	60146631	60146691	30	22	3x400 V~	49,0	5,5	26634	2880	0,79	82,6	4x6	5
TR635	60144271	60146671	60146632	60146692	35	26	3x400 V~	58,1	5,7	31250	2880	0,78	83,2	4x6	5
TR640	60144272	60146672	60146633	60146693	40	30	3x400 V~	64,9	5,0	35928	2870	0,81	83,5	4x10	5
TR650	60144273	60146673	60146634	60146694	50	37	3x400 V~	80,5	5,1	44848	2860	0,81	82,5	4x10	5
TR660	-	60161601	-	60144305	60	45	3x400 V~	93,1	5,1	54217	2825	0,85	83	4x10	5

Cable included

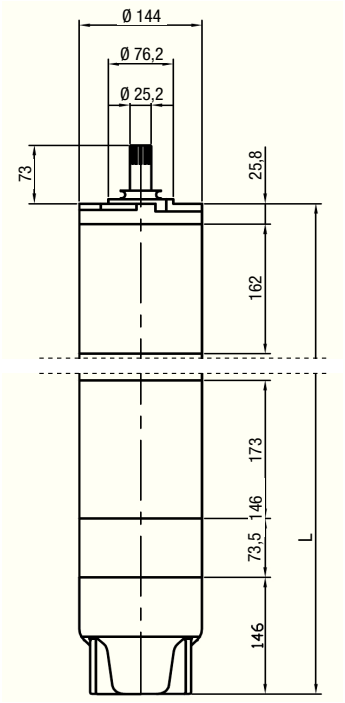
TECHNICAL DATA - Star/Delta Starting

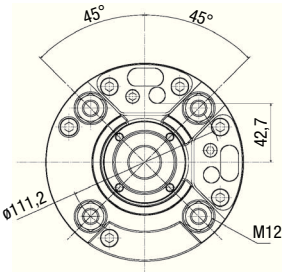
MODEL	STANDARD		AISI 316		P2 (HP)	P2 kW	VOLTAGE 50 Hz	IN (A)	Is/In	P1 (W)	N (min⁻¹)	Cos φ	η %	CABLE	
	PVC	PE2 + PA	PVC	PE2 + PA										Ø mm²	LC (m)
	CODE	CODE	CODE	CODE											
TR615	60144277	60146674	60146635	60146695	15	11	3x400 V~	26,2	3,7	14103	2860	0,79	78	4x6	5
TR617	60144278	60146676	60146636	60146696	17,5	13	3x400 V~	30,5	3,8	16456	2850	0,79	79	4x6	5
TR620	60144279	60146677	60146637	60146697	20	15	3x400 V~	34,8	4,2	18987	2860	0,80	79	4x6	5
TR625	60144280	60146678	60146638	60146698	25	18,5	3x400 V~	41,4	4,5	22840	2860	0,80	81	4x6	5
TR630	60144281	60146679	60146639	60146699	30	22	3x400 V~	49,0	5,5	26634	2880	0,79	82,6	4x6	5
TR635	60144282	60146681	60146640	60146700	35	26	3x400 V~	58,1	5,7	31250	2880	0,78	83,2	4x6	5
TR640	60144283	60146682	60146641	60146701	40	30	3x400 V~	64,9	5,0	35928	2870	0,81	83,5	4x6	5
TR650	60144284	60146683	60146642	60146702	50	37	3x400 V~	80,5	5,1	44848	2860	0,81	82,5	4x6	5
TR660	-	60164307	-	60164306	60	45	3x400 V~	93,1	5,1	54217	2825	0,85	83	4x6	5

2 cables included

DAB PUMPS reserves the right to make modifications without notice

DIMENSIONS AND WEIGHTS





MODEL	L1 [mm]	WEIGHT (Kg)	AXIAL THRUST (N)
TR607	660	48	15000
TR610	690	50	15000
TR612	720	55	15000
TR615	780	60	15000
TR617	850	72	15000
TR620	910	78	15000
TR625	1085	90	27500
TR630	1195	100	27500
TR635	1315	115	27500
TR640	1425	125	27500
TR650	1425	125	27500