TR8
8" SUBMERSIBLE MOTORS

NEW



8" 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 5 meters three-core flat cable directly connected with the windings and it's available with DOL or STAR-DELTA starting type. The cable is certifi ed ACS and WRAS. Overload protection must be provided by user.
On request PT100 and PTC temperature sensors.

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											
TR840 30KW	60144580	60144600	60146726	60146759	40	30	3 x 400 V ~	61	5,7	35714	2890	0,85	84	4x16	5
TR850 37KW	60144581	60144601	60146727	60146760	50	37	3 x 400 V ~	75	5,7	44048	2890	0,85	84	4x16	5
TR860 45kW	60144582	60144602	60146728	60146761	60	45	3 x 400 V ~	92	6,0	52326	2910	0,82	86	4x16	5
TR875 55KW	60144583	60144603	60146729	60146762	75	55	3 x 400 V ~	109	5,9	63953	2900	0,85	86	4x16	5
TR885 63KW	60144584	60144604	60146730	60146763	85	63	3 x 400 V ~	126	5,7	72414	2910	0,83	87	4x16	5
TR8100 75KW	60144585	60144605	60146731	60146764	100	75	3 x 400 V ~	145	5,8	86207	2910	0,86	87	4x16	5
TR8125 92KW	60144586	60144606	60146732	60146765	125	92	3 x 400 V ~	177	5,9	105747	2890	0,86	87	4x25	5
TR8150 110KW	60144587	60144607	60146733	60146767	150	110	3 x 400 V ~	213	5,8	126437	2890	0,87	87	4x25	5

Cable included

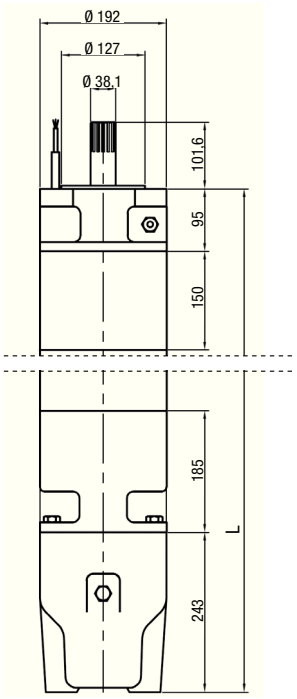
TECHNICAL DATA - Star/Delta Starting

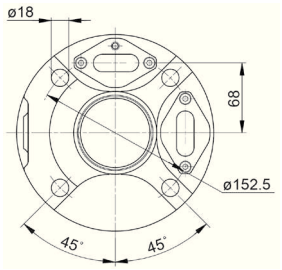
MODEL	STANDARD		AISI 316		P2 (HP)	P2 kW	VOLTAGE 50 Hz	IN (A)	Is/In	P1 (W)	N (min⁻¹)	Cos φ	η %	CABLE	
	PVC	PE2 + PA	PVC	PE2 + PA										Ø mm²	LC (m)
	CODE	CODE	CODE	CODE											
TR840 30KW	60144590	60144610	60146734	60146768	40	30	3 x 400 V ~	61	5,7	35714	2890	0,85	84	4x10	5
TR850 37KW	60144591	60144611	60146735	60146769	50	37	3 x 400 V ~	75	5,7	44048	2890	0,85	84	4x10	5
TR860 45kW	60144592	60144612	60146736	60146770	60	45	3 x 400 V ~	92	6,0	52326	2910	0,82	86	4x10	5
TR875 55KW	60144593	60144613	60146737	60146771	75	55	3 x 400 V ~	109	5,9	63953	2900	0,85	86	4x16	5
TR885 63KW	60144594	60144614	60146738	60146772	85	63	3 x 400 V ~	126	5,7	72414	2910	0,83	87	4x16	5
TR8100 75KW	60144595	60144615	60146739	60146773	100	75	3 x 400 V ~	145	5,8	86207	2910	0,86	87	4x16	5
TR8125 92KW	60144596	60144616	60146740	60146774	125	92	3 x 400 V ~	177	5,9	105747	2890	0,86	87	4x16	5
TR8150 110KW	60144597	60144617	60146741	60146775	150	110	3 x 400 V ~	213	5,8	126437	2890	0,87	87	4x16	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)
TR840 30KW	1110	146	60000
TR850 37KW	1160	156	60000
TR860 45kW	1270	177	60000
TR875 55KW	1350	192	60000
TR885 63KW	1490	218	60000
TR8100 75KW	1590	237	60000
TR8125 92KW	1830	283	60000
TR8150 110KW	2060	333	60000