

WATER FILLED REWINDABLE SUBMERSIBLE MOTORS

Nominal Diameter : **6"**

"W" Series

Technical Specifications

Nominal Dia	6"
Maximum Outer Diameter	W6A - 145 mm W6B - 144 mm
Power Range	2.2 - 45 kW - Three Phase
Speed	2900 rpm
Version	Three Phase - 380- 415V & 525V, 50Hz, A.C Supply
Class of Insulation	Y
Degree of Protection	IP58 / IP68
Direction of Rotation	Electrically Reversible
Type of Duty	S1 (Continuous)
Down Thrust Load	2.2 - 22 kW - 15500 N
	26 - 45 kW - 27500 N
Minimum Cooling Flow Along the Motor	0.15 m/sec
Maximum Liquid Temperature	Standard - 35°C, Optional : High Temp. - 50°C
Max. Starts per Hour	15 Times
Shaft End	Splines
Mounting Standard	6" NEMA
Method of Starting	2.2 - 45 kW - Direct On Line (DOL)
	5.5 - 45 kW - Star Delta (SD)
Cable Lead out	Permanently Connected and Sealed 3/4/6 Core EPDM Flat Cable
Thermal Protection	Optional - PT 100 Sensor



Material of Construction

PART NAME	MATERIAL - W6A (2.2 - 45 kW)		
	EUROPEAN	DIN	AISI / SAE
Thrust Base Housing, Upper & Lower Housing	Cast Iron - EN-GJL-220 (X5CrNi 18 9 Claded)	GG20 (1.4301 Claded)	ASTM A48 Class 30 B (ASTM A240 AISI 304 Claded)
Upper / Lower Housing Pipe (26 - 45kW)	Cast Iron - EN-GJL-220 (X5CrNi 18 9 Claded)	GG20 (1.4301 Claded)	ASTM A48 Class 30 B (ASTM A240 AISI 304 Claded)
Motor Base	X5CrNi 18 9	1.4301	ASTM A240 AISI 304
Thrust Pad	Cast Iron - EN-GJL-250 with Graphite Carbon	GG25 with Graphite Carbon	ASTM A48 Class 30 B with Graphite Carbon
Thrust Base	Cast Iron - EN-GJL-250 Base with X20Cr14 Segment	GG25 Base with 1.4027 Segment	ASTM A48 Class 30 B Base with ASTM A743 CA40 Segment
Bush Bearing	Graphite Carbon	Graphite Carbon	Graphite Carbon
Diaphragm	HNBR (ASTM -D2000)	HNBR (ASTM -D2000)	HNBR (ASTM -D2000)
O Ring & Oil Seal	Standard - NBR (Buna - N) Optional : Fluoroelastomer (FKM - Viton)	Standard - NBR (Buna - N) Optional : Fluoroelastomer (FKM - Viton)	Standard - NBR (Buna - N) Optional : Fluoroelastomer (FKM - Viton)
Stator Shell	X5CrNi 18 9	1.4301	ASTM A240 AISI 304
Shaft	2.2 -18.5kW - X17CrNi16 2 22 - 45kW - EN8 with X17CrNi 16 2 Sleeve	2.2 -18.5kW - 1.4057 22kW - 45kW - CK45 (1.1191) with 1.4057 sleeve	2.2 -18.5kW - ASTM A276 AISI 431 22kW - 45kW - ASTM A29 AISI 1045 with ASTM A276 AISI 431 Sleeve
Shaft extention	X5CrNiCuNb 16 4	1.4542	ASTM A693 AISI 630 (UNS S17400)

Optional : Mechanical Seal

In view of continuous developments, the informations / descriptions / specifications / illustrations are subject to change without notice.

WATER FILLED REWINDABLE SUBMERSIBLE MOTORS

Nominal Diameter : **6"**

"W" Series

Material of Construction

PART NAME	MATERIAL - W6N (2.2 - 45kW)		
	EUROPEAN	DIN	AISI / SAE
Thrust Base Housing, Upper & Lower Housing	Cast Iron - EN-GJL-220 (X5CrNiMo 18 10 claded)	GG20 (1.4401 Claded)	ASTM A48 Class 30B (ASTM A240 AISI 316 Claded)
Upper / Lower Housing Pipe (22 - 45kW)	Cast Iron - EN-GJL-220 (X5CrNiMo 18 10 claded)	GG20 (1.4401 Claded)	ASTM A48 Class 30B (ASTM A240 AISI 316 Claded)
Motor Base	X5CrNiMo18 10	1.4401	ASTM A240 AISI 316
Thrust Pad	Cast Iron - EN-GJL-250 with Graphite Carbon	GG25 with Graphite Carbon	ASTM A48 Class 30B with Graphite Carbon
Thrust Base	Cast Iron - EN-GJL-250 Base with X20Cr14 Segment	GG25 Base with 1.4027 Segment	ASTM A48 Class 30B Base with ASTM A743 CA40 Segment
Bush Bearing	Graphite Carbon	Graphite Carbon	Graphite Carbon
Diaphragm	HNBR (ASTM -D2000)	HNBR (ASTM -D2000)	HNBR (ASTM -D2000)
Sand guard, O Ring & Oil Seal	Standard - NBR (Buna - N) Optional : Fluoroelastomer (FKM - Viton)	Standard - NBR (Buna - N) Optional : Fluoroelastomer (FKM - Viton)	Standard - NBR (Buna - N) Optional : Fluoroelastomer (FKM - Viton)
Stator Shell	X5CrNiMo 18 10	1.4401	ASTM A240 AISI 316
Shaft	2.2 -18.5kW - X17CrNi16 2 22 - 45kW - EN8 with X17CrNi 16 2 Sleeve	2.2 -18.5kW - 1.4057 22 - 45kW - CK45 (1.1191) with 1.4057 sleeve	2.2 -18.5kW - ASTM A276 AISI 431 22 - 45kW - ASTM A29 AISI 1045 with ASTM A276 AISI 431 Sleeve
Shaft Extention	X5CrNiCuNb 16 4	1.4542	ASTM A693 AISI 630 (UNS S17400)

PART NAME	MATERIAL - W6B (3.7 - 45kW)		
	EUROPEAN	DIN	AISI / SAE
Thrust Base Housing, Upper & Lower Housing	Cast Iron - EN-GJL-220	GG20	ASTM A48 Class 30B
Oil Seal Housing (3.7 - 18.5kW)	Cast Iron - EN-GJL-220	GG20	ASTM A48 Class 30B
Upper / Lower Pipe (22 - 45kW)	Cast Iron - EN-GJL-220	GG20	ASTM A48 Class 30B
Thrust Pad	Cast Iron - EN-GJL-250 with Graphite Carbon	GG25 with Graphite Carbon	ASTM A48 Class 30B with Graphite Carbon
Thrust Base	Cast Iron - EN-GJL-250 Base with X20Cr14 Segment	GG25 Base with 1.4027 Segment	ASTM A48 Class 30B Base with ASTM A743 CA40 Segment
Bush Bearing	Graphite Carbon	Graphite Carbon	Graphite Carbon
Diaphragm	HNBR (ASTM -D2000)	HNBR (ASTM -D2000)	HNBR (ASTM -D2000)
O Ring & Oil Seal	Standard - NBR (Buna - N) Optional : Fluoroelastomer (FKM - Viton)	Standard - NBR (Buna - N) Optional : Fluoroelastomer (FKM - Viton)	Standard - NBR (Buna - N) Optional : Fluoroelastomer (FKM - Viton)
Stator Shell	X5CrNi 18 9	1.4301	ASTM A240 AISI 304
Shaft	3.7 -18.5kW - X17CrNi16 2 22 - 45kW - EN8 with X17CrNi 16 2 Sleeve	3.7 -18.5kW - 1.4057 22kW - 45kW - CK45 (1.1191) with 1.4057 sleeve	3.7 -18.5kW - ASTM A276 AISI 431 22kW - 45kW - ASTM A29 AISI 1045 with ASTM A276 AISI 431 Sleeve
Sand Guard (Stainless Steel & Rubber)	X5CrNi 18 9 & NBR (Buna - N)	1.4301 & NBR (Buna - N)	ASTM A240 AISI 304 & NBR (Buna - N)
Shaft Extention	X5CrNiCuNb 16 4	1.4542	ASTM A693 AISI 630 (UNS S17400)

Optional : Mechanical Seal

In view of continuous developments, the informations / descriptions / specifications / illustrations are subject to change without notice.

WATER FILLED REWINDABLE SUBMERSIBLE MOTORS

Nominal Diameter : **6"****"W"** Series

Material of Construction

PART NAME	MATERIAL - W6S (2.2 - 18.5 kW)		
	EUROPEAN	DIN	AISI /SAE
Thrust Base Housing, Upper & Lower Housing	X5CrNi 18 9	1.4308	ASTM A351 CF8
Upper / Lower Housing Pipe (22 - 45kW)	X5CrNi 18 9	1.4308	ASTM A351 CF8
Motor Base	X5CrNi 18 9	1.4301	ASTM A240 AISI 304
Thrust Pad	Cast Iron - EN-GJL-250 with Graphite Carbon	GG25 with Graphite Carbon	ASTM A48 Class 30 B with Graphite Carbon
Thrust Base	Cast Iron - EN-GJL-250 Base with X20Cr14 Segment	GG25 Base with 1.4027 Segment	ASTM A48 Class 30 B Base with ASTM A743 CA40 Segment
Bush Bearing	Graphite Carbon	Graphite Carbon	Graphite Carbon
Diaphragm	HNBR (ASTM -D2000)	HNBR (ASTM -D2000)	HNBR (ASTM -D2000)
O Ring & Oil Seal	Standard - NBR (Buna - N) Optional : Fluoroelastomer (FKM - Viton)	Standard - NBR (Buna - N) Optional : Fluoroelastomer (FKM - Viton)	Standard - NBR (Buna - N) Optional : Fluoroelastomer (FKM - Viton)
Stator Shell	X5CrNi 18 9	1.4301	ASTM A240 AISI 304
Shaft	2.2 -18.5kW - X17CrNi16 2 22 - 45kW - EN8 with X17CrNi 16 2 Sleeve	2.2 -18.5kW - 1.4057 22kW - 45kW - CK45 (1.1191) with 1.4057 sleeve	2.2 -18.5kW - ASTM A276 AISI 431 22kW - 45kW - ASTM A29 AISI 1045 with ASTM A276 AISI 431 Sleeve
Sand Guard (Stainless Steel & Rubber)	X5CrNi18 9 & NBR (Buna - N)	1.4301 & NBR (Buna - N)	ASTM A240 AISI 304 & NBR (Buna - N)
Shaft extention	X5CrNiCuNb 16 4	1.4542	ASTM A693 AISI 630 (UNS S17400)

PART NAME	MATERIAL - W6T (2.2 - 18.5 kW)		
	EUROPEAN	DIN	AISI / SAE
Thrust Base Housing, Upper & Lower Housing	X5CrNiMo 18 10	1.4408	ASTM A351 CF8M
Upper / Lower Housing Pipe (26 - 45kW)	X6CrNiMo 18 10	1.4408	ASTM A351 CF8M
Motor Base	X6CrNiMo 18 10	1.4408	ASTM A240 AISI 316
Thrust Pad	Cast Iron - EN-GJL-250 with Graphite Carbon	GG25 with Graphite Carbon	ASTM A48 Class 30B with Graphite Carbon
Thrust Base	Cast Iron - EN-GJL-250 Base with X20Cr14 Segment	GG25 Base with 1.4027 Segment	ASTM A48 Class 30B Base with ASTM A743 CA40 Segment
Bush Bearing	Graphite Carbon	Graphite Carbon	Graphite Carbon
Diaphragm	HNBR (ASTM -D2000)	HNBR (ASTM -D2000)	HNBR (ASTM -D2000)
O Ring & Oil Seal	Standard - NBR (Buna - N) Optional : Fluoroelastomer (FKM - Viton)	Standard - NBR (Buna - N) Optional : Fluoroelastomer (FKM - Viton)	Standard - NBR (Buna - N) Optional : Fluoroelastomer (FKM - Viton)
Stator Shell	X6CrNiMo 18 10	1.4401	ASTM A240 AISI 316
Shaft	2.2 -18.5kW - X17CrNi16 2 22 - 45kW - EN8 with X17CrNi 16 2 Sleeve	2.2 -18.5kW - 1.4057 22kW - 45kW - CK45 (1.1191) with 1.4057 sleeve	2.2 -18.5kW - ASTM A276 AISI 431 22kW - 45kW - ASTM A29 AISI 1045 with ASTM A276 AISI 431 Sleeve
Sand Guard (Stainless Steel Rubber)	X5CrNiMo 18 10 & Nitrile Rubber (NBR) / Buna-N	1.4401 & NBR (Buna - N)	ASTM A240 AISI 316 & NBR (Buna - N)
Shaft extention	X5CrNiCuNb 16 4	1.4542	ASTM A693 AISI 630 (UNS S17400)

Optional : Mechanical Seal

WATER FILLED REWINDABLE SUBMERSIBLE MOTORS

Nominal Diameter : **6"**

"W" Series

Electrical Data

6" THREE PHASE 380V, D.O.L. & S.D MOTORS

Model		Power		Full Load Max (A)	Starting Current (A)	Full Load		Max. Down Thrust Load (N)	Starting Torque (Nm)	Torque (Nm)
D.O.L	S.D	kW	HP			Eff.%	Power Factor			
W6A-22T	-	2.2	3	6.5	25	70	0.73	15500	14	8
W6A-30T	-	3	4	8.5	33	72	0.75	15500	20	11
W6A-37T	-	3.7	5	10.5	40	73	0.75	15500	20	13
W6A-40T	-	4	5.5	11	41	76	0.72	15500	20	14
W6A-45T	-	4.5	6	12.5	46	76	0.77	15500	21	15
W6A-55T	W6A-55D	5.5	7.5	13.7	50	78	0.78	15500	24	18
W6A-75T	W6A-75D	7.5	10	19	67	82	0.76	15500	27	25
W6A-93T	W6A-93D	9.3	12.5	22	81	82	0.8	15500	35	31
W6A-110T	W6A-110D	11	15	26	99	82	0.81	15500	43	37
W6A-130T	W6A-130D	13	17.5	30	115	83	0.81	15500	51	43
W6A-150T	W6A-150D	15	20	34	145	83	0.82	15500	62	49
W6A-185T	W6A-185D	18.5	25	43	185	83	0.82	15500	98	61
W6A-220T	W6A-220D	22	30	50	222	83	0.82	15500	115	73
W6A-260T	W6A-260D	26	35	57	267	83	0.83	27500	130	85
W6A-300T	W6A-300D	30	40	68	352	83	0.83	27500	190	97
W6A-370T	W6A-370D	37	50	84	416	82	0.82	27500	240	122
W6A-450T	W6A-450D	45	60	95	461	82	0.82	27500	390	150

6" THREE PHASE, 400V, D.O.L. & S.D MOTORS

Model		Power		Full Load Max (A)	Starting Current (A)	Full Load		Max. Down Thrust Load (N)	Starting Torque (Nm)	Torque (Nm)
D.O.L	S.D	kW	HP			Eff.%	Power Factor			
W6A-22T	-	2.2	3	6.2	24	70	0.73	15500	14	8
W6A-30T	-	3	4	8.3	32	72	0.73	15500	20	11
W6A-37T	-	3.7	5	10.2	39	73	0.72	15500	20	13
W6A-40T	-	4	5.5	10.8	42	76	0.72	15500	19	13
W6A-45T	-	4.5	6	12.2	47	77	0.77	15500	20	14
W6A-55T	W6A-55D	5.5	7.5	13.5	51	78	0.78	15500	23	17
W6A-75T	W6A-75D	7.5	10	18.5	68	83	0.76	15500	26	24
W6A-93T	W6A-93D	9.3	12.5	21.5	82	83	0.8	15500	34	30
W6A-110T	W6A-110D	11	15	25	100	82	0.81	15500	42	36
W6A-130T	W6A-130D	13	17.5	29.5	116	83	0.81	15500	50	42
W6A-150T	W6A-150D	15	20	33.5	146	83	0.82	15500	61	48
W6A-185T	W6A-185D	18.5	25	42.5	186	83	0.82	15500	97	60
W6A-220T	W6A-220D	22	30	49.5	223	83	0.82	15500	115	73
W6A-260T	W6A-260D	26	35	56.5	268	83	0.83	27500	135	85
W6A-300T	W6A-300D	30	40	67.5	353	83	0.83	27500	190	97
W6A-370T	W6A-370D	37	50	83	418	83	0.82	27500	240	122
W6A-450T	W6A-450D	45	60	94	463	83	0.82	27500	390	150

WATER FILLED REWINDABLE SUBMERSIBLE MOTORS

Nominal Diameter : **6"****"W"** Series

Electrical Data

6" THREE PHASE 415V, D.O.L. & S.D MOTORS

Model		Power		Full Load Max (A)	Starting Current (A)	Full Load		Max. Down Thrust Load (N)	Starting Torque (Nm)	Torque (Nm)
D.O.L	S.D	kW	HP			Eff.%	Power Factor			
W6A-22T	-	2.2	3	6.0	23	70	0.73	15500	14	8
W6A-30T	-	3	4	8.2	31	72	0.71	15500	20	11
W6A-37T	-	3.7	5	10.0	38	73	0.70	15500	20	13
W6A-40T	-	4	5.5	10.8	43	76	0.70	15500	20	14
W6A-45T	-	4.5	6	12	48	76	0.75	15500	21	15
W6A-55T	W6A-55D	5.5	7.5	13.5	52	78	0.77	15500	24	18
W6A-75T	W6A-75D	7.5	10	18.5	70	82	0.75	15500	27	25
W6A-93T	W6A-93D	9.3	12.5	21	84	82	0.79	15500	35	31
W6A-110T	W6A-110D	11	15	25	102	82	0.80	15500	43	37
W6A-130T	W6A-130D	13	17.5	29.5	118	83	0.80	15500	51	43
W6A-150T	W6A-150D	15	20	33	148	83	0.81	15500	62	49
W6A-185T	W6A-185D	18.5	25	42.5	188	83	0.81	15500	98	61
W6A-220T	W6A-220D	22	30	49.2	225	83	0.81	15500	118	74
W6A-260T	W6A-260D	26	35	56.5	270	83	0.82	27500	138	86
W6A-300T	W6A-300D	30	40	67.2	355	83	0.82	27500	196	98
W6A-370T	W6A-370D	37	50	83	420	82	0.82	27500	245	123
W6A-450T	W6A-450D	45	60	93	465	82	0.83	27500	396	151

6" THREE PHASE 525V, D.O.L. & S.D. MOTORS

Model		Power		Full Load Max (A)	Starting Current (A)	Full Load		Max. Down Thrust Load (N)	Starting Torque (Nm)	Torque (Nm)
D.O.L	S.D	kW	HP			Eff.%	Power Factor			
W6A-55TN	W6A-55DN	5.5	7.5	11	45	79.3	0.72	15500	24	18.4
W6A-75TN	W6A-75DN	7.5	10	15	60	75	0.81	15500	28	24.5
W6A-93TN	W6A-93DN	9.3	12.5	19.5	85	78.3	0.8	15500	35	30.6
W6A-110TN	W6A-110DN	11	15	20	95	82.5	0.8	15500	43.2	36.7
W6A-130TN	W6A-130DN	13	17.5	22.5	112	83	0.82	15500	51	43
W6A-150TN	W6A-150DN	15	20	27	135	82.5	0.82	15500	61.8	49
W6A-185TN	W6A-185DN	18.5	25	32	152	86	0.82	15500	98.1	61.3
W6A-220TN	W6A-220DN	22	30	38	180	83	0.8	15500	118	73.5
W6A-260TN	W6A-260DN	26	35	44	200	83.5	0.83	27500	138.3	85.8
W6A-300TN	W6A-300DN	30	40	51	235	84	0.83	27500	196.1	98.1
W6A-370TN	W6A-370DN	37	50	65	285	85	0.85	27500	245	122.6
W6A-450TN	W6A-450DN	45	60	75	340	85.5	0.85	27500	396	150

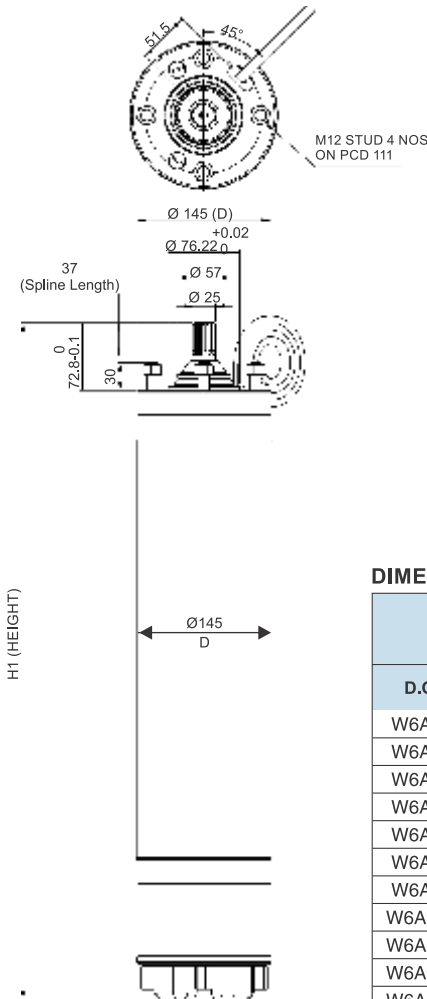
WATER FILLED REWINDABLE SUBMERSIBLE MOTORS

Nominal Diameter : **6"**

"W" Series
(2.2 kW - 22 kW)

Standard Flange Type Motor

General Arrangement Drawing(GAD)



DIMENSIONS AND WEIGHT DATA

Model		Power		*Method of Starting	Dimension (mm)		Net Weight (kg)	Cable leadout		
D.O.L	S.D	kW	HP		D	H1		Cable Size (Sq.mm)		Cable Length (m)
								D.O.L	S.D	
W6A-22T	-	2.2	3	T	145	724	41	2.5	-	1.5
W6A-37T	-	3.7	5	T	145	734	47	2.5	-	1.5
W6A-40T	-	4	5.5	T	145	734	47	2.5	-	1.5
W6A-45T	-	4.5	6	T	145	754	48	2.5	-	1.5
W6A-55T	W6A-55D	5.5	7.5	T / D	145	804	51	4	2.5	1.5
W6A-75T	W6A-75D	7.5	10	T / D	145	854	57	4	2.5	1.5
W6A-93T	W6A-93D	9.3	12.5	T / D	145	884	60	6	2.5	2.5
W6A-110T	W6A-110D	11	15	T / D	145	924	64	6	4	2.5
W6A-130T	W6A-130D	13	17.5	T / D	145	964	69	6	4	2.5
W6A-150T	W6A-150D	15	20	T / D	145	1004	74	10	4	2.5
W6A-185T	W6A-185D	18.5	25	T / D	145	1084	82	10	4	2.75
W6A-220T	W6A-220D	22	30	T / D	145	1154	90	10	4	3.25

* METHOD OF STARTING : T - 3P / DOL / 50Hz D - 3P / SD / 50Hz
* 4 core cable upto 10 sq.mm as standard

All Dimensions are in mm
Splined Shaft : 15 teeth -
Module 1.5875
Pressure Angle 30°
A.N.S.I.B-92-1-1970
Tolerance Class 5

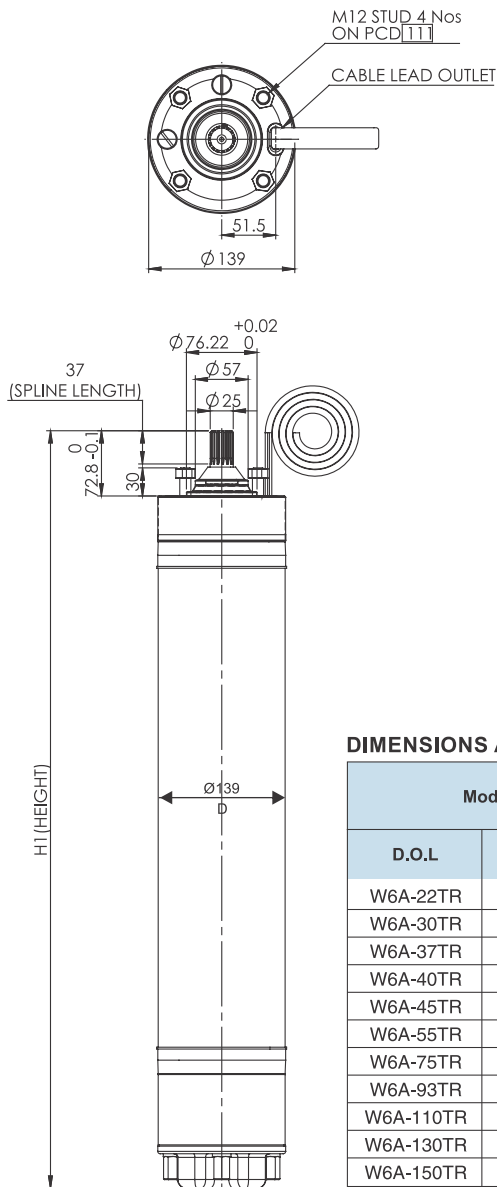
WATER FILLED REWINDABLE SUBMERSIBLE MOTORS

Nominal Diameter : **6"**

"W" Series
(2.2 kW - 18.5kW)

Reduced Diameter Flange Type Motor (OD 139 mm)

General Arrangement Drawing(GAD)



DIMENSIONS AND WEIGHT DATA

Model		Power		*Method of Starting	Dimension (mm)		Net Weight (kg)	Cable leadout		
D.O.L	S.D	kW	HP		D	H1		Cable Size (Sq.mm)		Cable Length (m)
								D.O.L	S.D	
W6A-22TR	-	2.2	3	T	139	690	40	2.5	-	1.5
W6A-30TR	-	3.7	4	T	139	700	43	2.5	-	1.5
W6A-37TR	-	4	5	T	139	730	44	2.5	-	1.5
W6A-40TR	-	4.5	5.5	T	139	T30	44	2.5	-	1.5
W6A-45TR	W6A-45DR	5.5	6	T	139	770	45	2.5	-	1.5
W6A-55TR	W6A-55DR	7.5	7.5	T / D	139	820	49	4	2.5	1.5
W6A-75TR	W6A-75DR	9.3	10	T / D	139	865	53	4	2.5	1.5
W6A-93TR	W6A-93DR	11	12.5	T / D	139	895	58	6	2.5	2.5
W6A-110TR	W6A-110DR	13	15	T / D	139	930	61	6	4	2.5
W6A-130TR	W6A-130DR	15	17.5	T / D	139	970	63	6	4	2.5
W6A-150TR	W6A-150DR	18.5	20	T / D	139	1020	71	10	4	2.5
W6A-185TR	W6A-185DR	-	25	T / D	139	1070	81	10	4	2.75

All Dimensions are in mm
Splined Shaft : 15 teeth -
Module 1.5875
Pressure Angle 30°
A.N.S.I.B-92-1-1970
Tolerance Class 5

* 4 core cable upto 10 sq.mm as standard

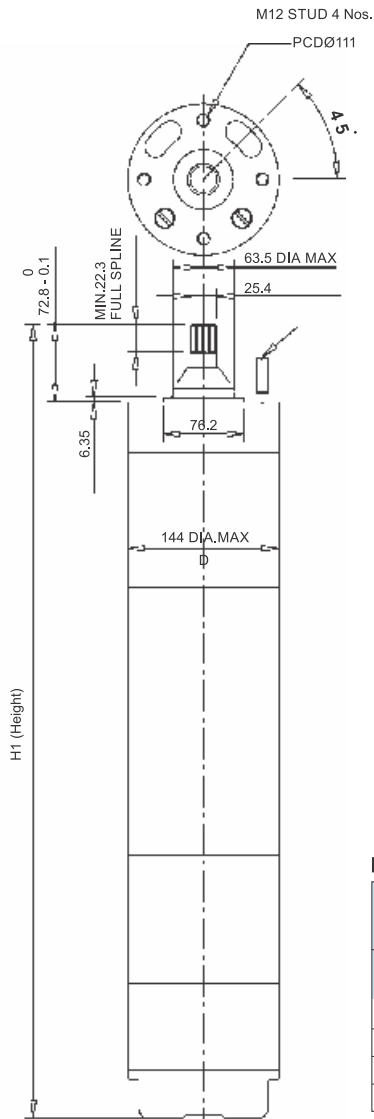
WATER FILLED REWINDABLE SUBMERSIBLE MOTORS

Nominal Diameter : **6"**

"W" Series
(26 kW - 45kW)

T-Bolt Motor (A - Type)

General Arrangement Drawing(GAD)



All Dimensions are in mm
Splined Shaft : 15 Teeth -
Module 1.5875
Pressure Angle 30°
A.N.S.I.B - 92 - 1 - 1970
Tolerance Class 5

DIMENSIONS AND WEIGHT DATA

Model		Power		*Method of Starting	Dimension (mm)		Net Weight (kg)	Cable leadout		
D.O.L	S.D	kW	HP		D	H1		Cable Size (Sq.mm)		Cable Length (m)
								D.O.L	S.D	
W6A-260T	W6A-260D	26	35	T / D	144	1192	97	10.0	6.0	4.25
W6A-300T	W6A-300D	30	40	T / D	144	1227	102	10.0	6.0	4.25
W6A-370T	W6A-370D	37	50	T / D	144	1302	110	16.0	6.0	5.25
W6A-450T	W6A-450D	45	60	T / D	144	1377	118	16.0	10	5.25

* 4 core cable upto 10 sq.mm as standard
* 3 core cable above 16 sq.mm as standard

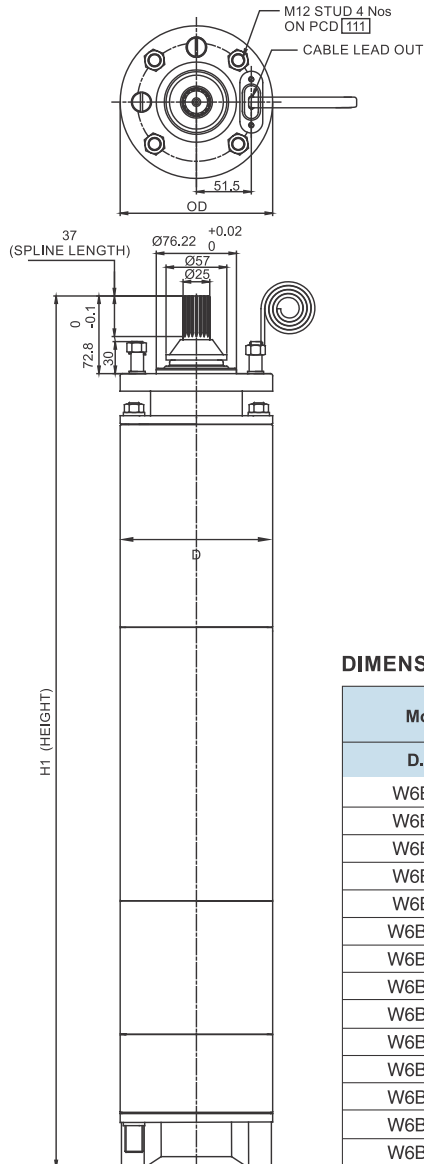
WATER FILLED REWINDABLE SUBMERSIBLE MOTORS

Nominal Diameter : **6"**

"W" Series
(3.7 kW - 45kW)

T-Bolt Motor (B-Type)

General Arrangement Drawing(GAD)



DIMENSIONS AND WEIGHT DATA

Model	Power		*Method of Starting	Dimension (mm)		Net Weight (kg)	Cable leadout			
	D.O.L	kW		HP	D		H1	Cable Size (Sq.mm)		Cable Length (m)
								D.O.L	S.D	
W6B-37T	3.7	5	DOL	143	694	47	2.5	2.5	1.5	
W6B-40T	4.0	5.5	DOL	143	694	47	2.5	2.5	1.5	
W6B-55T	5.5	7.5	DOL	143	764	52	4	2.5	1.5	
W6B-75T	7.5	10	DOL	143	814	57	4	2.5	1.5	
W6B-93T	9.3	12.5	DOL	143	844	61	6	2.5	2.25	
W6B-110T	11	15	DOL	143	884	65	6	4	2.25	
W6B-130T	13	17.5	DOL	143	924	69	6	4	2.25	
W6B-150T	15	20	DOL	143	964	74	10	4	2.25	
W6B-185T	18.5	25	DOL	143	1044	83	10	4	2.75	
W6B-220T	22	30	T/D	144	1105	99	10	4	3.25	
W6B-260T	26	35	T/D	144	1145	100	10	6	4.25	
W6B-300T	30	40	T/D	144	1180	105	10	6	4.25	
W6B-370T	37	50	T/D	144	1255	113	16	6	5.25	
W6B-450T	45	60	T/D	144	1330	121	16	10	5.25	

* 3 core cable as standard for entire motors.

All Dimensions are in mm
Splined Shaft : 15 Teeth -
Module 1.5875
Pressure Angle 30°
A.N.S.I.B - 92 - 1 - 1970
Tolerance Class 5