

Date tehnice	Tip	UFK 25/2 AW
Technical data sheet	Cod prod.	09150/03
	Tip	UAK 25/2 AW
	Cod prod.	09149/03

Date tehnice	Technical Data	U.m./Unit	Valori / Value
Inaltime maxima de pompare	Max. head	[m]	18
Debit maxim de pompare	Max. flow rate	[m ³ /h]	68
Tipul motorului	Motor type		D 90-2/ 75E
Intrare P1	Input P1	[kW]	2,9
Iesire P2	Output P2	[kW]	2,3
Frecventa	Frequency	[Hz]	50
Voltaj / Toleranta	Voltage / tolerance	[V]	Δ 230 Y 400 [3/PE-400V] / ± 10%
Consum current pornire	F.L.C.	(A)	Δ 8,5 Y 4,9
Rotatii/minut	R.P.M.	[1/min]	2835
cos phi	cos phi	[-]	0,86
cos phi -pornire	cos phi-start	[-]	0,69
Clasa protectie antiEx (doar ptr. versiunea UFK)	Ex-mark No. (only UFK type)		Ex II 2 G Ex d IIB T4
EG-certificat (doar pentru versiunea UFK)	EG design certificate (only UFK)		PTB 08 ATEX 1113 X
Faza S1	Oper. Condition S1		DB / getaucht, c.d. submerged 40°C
Faza S2	Oper. Condition S2	[min]	22
Faza S3 (perioada 10min)	Oper. Condition S3 (period 10 min)	[%]	35
Schimbator de frecventa max	Switching frequency max.	[1/h]	150
I \ t - pornire (la H=1m si tensiune nominala)	I \ t - start (at H=1m and rated voltage)	[A \ sek.]	-
I \ t - pornire (la H=1m si tensiune nominala)	I \ t - start (at H=1m and rated voltage)	[A \ sek.]	22,3 \ 0,2 Y
I \ t - pornire (la H=1m si tensiune nominala)	I \ t - start (at H=1m and rated voltage)	[A \ sek.]	-
Siguranta / Tip pornire	Fuse / type of starting		10 A / Y direct start
Clasificare ISO	ISO-class		F
Inchidere	Enclosure		IP 68
Protectie bobinaj(necesita unitate control)	Winding protection (control unit required)		150°C Thermostat / ja (yes)
Ext. necesita protectie motor	Ext. motor protection required	[A]	ja / (yes)
Condensator ext./int.	Capacitor ext./int.	[μF]	-
Rezistenta bobinaj (faza)	Winding resistance (phase)	[Ohm]	3,00
Cuplu	Torque LRT/FLT/POT	[Nm]	14,4 / 7,74 / 16,2
Factorul de serviciu	Servicefactor	[-]	1,13
Cablu	Cable		10m H07RN-F-6G1,5
Stecker	Plug		-
Tip rulment	Bearing n.d.e.		Rillenkugell. 6204 2Z / (ball bearing)
Rulment fix	Bearing d.e.		Schrägkugell. 3205 2rhg. / (angular)
Sigiliu stationare	O-rings		NBR 70 DIN 3771
Etansare a arborelui pe partea motorului	Shaft seal motor side		2 x RWDR A 25 x 38 x 7 (lip seal)
Etansare – partea mediana	Shaft seal medium side		GLRD 25 x 24 SiC (mech. seal)
Pompa de tip carcasa/Material	Volute type / material		Ringgeh. AW-2 / GG-25 (cast iron)
Racord refulare	Discharge connection		DN 65 PN 6 / 10
Diametru intrare	Inlet diameter	[mm]	Ø 65
Tip rotor / Material	Impeller type / material		Freistromrad, vortex GG - 25 (cast iron)
Diametrul rotorului	Impeller diameter	[mm]	Ø 136
Număr de lamele / Înălțime lama	Vane qty / hight	[mm]	3+3 / 20+30
Pasaj sferic	Free passage	[mm]	65
Momentul de inerție rotor + arborelui rotorului	Total inertia	[kg m ²]	0,0047
Greutate cu cablu	Weight with cable	[kg]	43
Cantitate de umplere camera de ulei / tip de ulei	Oil chamber qty / oil grade	[cm ³]	1000 / Mineral oil Viskos. 22...46
Material	Material		
Strat	coating		2K Epoxy, 80 μm, schwarz (black)
Carcasa motor	Motor casing		GG - 20 / (cast iron)
Camera de rulment	Bearing chamber		GG - 25/ (cast iron)
Axul pompei	Pump shaft		C 45 K abgedeckt (covered)
Inel pentru transport	Wear ring		-
Cuțit/taietor	Cutter		-
Placă de tăiere	Cutter plate		-
Capacul de sus	Top cover		-
Tija	Switch shaft		-

Voltaj Rated voltage	Frecventa Frequency	Curent Rated current [A]	Putere intrare Rated power input	Putere iesire Rated power output	Rotatii/minut Rated rpm
400 V	50 Hz	D 8,5 Y 4,9	2,9 kW	2,3 kW	2835 1/min
Eficienta hidraulica Hydraulic efficiency	Debit maxim Max. flow	H max. pompare Max. head	Refulare Discharge	Pasaj liber Solid size	Tip rotor Impeller-type
39,0%	68 m ³ /h	18 m	DN 65 PN 6 / 10	65 mm	vortex

