



EQUIPAGGIAMENTI
TECNICI
LAVAGGIO

TESTINE ROTANTI
TANK CLEANERS
MOD. MI42-316 (ATEX)



4

27

12.9428.16

Rev. 04
10/04/2020

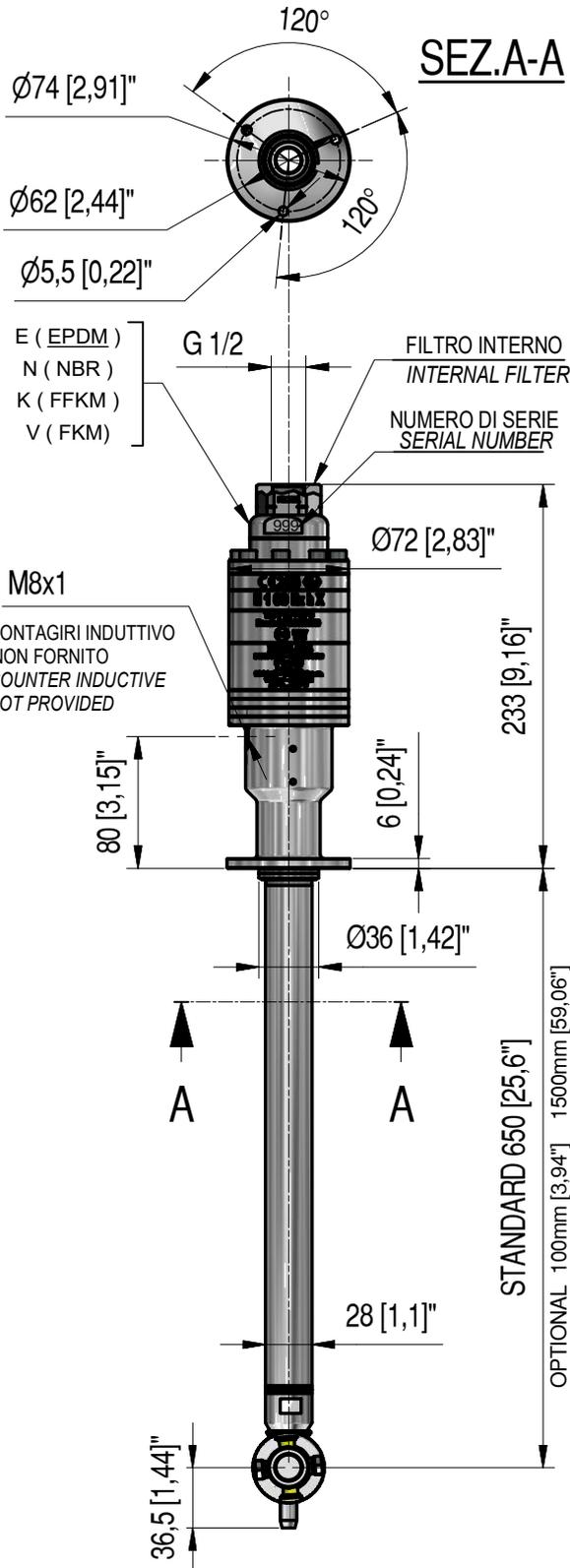
MI42-316

CE 2460



II 1 G Ex h IIC T6...T4 Ga
II 1 D Ex h IIC T85°C...T135°C Da

MANUALE ISTRUZIONI
INSTRUCTIONS BOOK



TESTINA AUTOMOVENTE PULIZIA CISTERNE

- Costruzione in acciaio INOX AISI 316.
- Idonea per impiego settore alimentare.
- Testina volumetrica, la velocità di rotazione è proporzionale alla portata in ingresso.
- Lavaggio superfici interne di contenitori e serbatoi.
- Portata ridotta, alta pressione, elevata forza di impatto.
- Copertura orbitale completa degli interni.
- Minimo ingombro radiale che ne permette l'introduzione in passaggi ridotti
- Velocità di rotazione indipendente dalla temperatura dell'acqua.
- Possibilità di installare un contagiri.

ATTENZIONE !

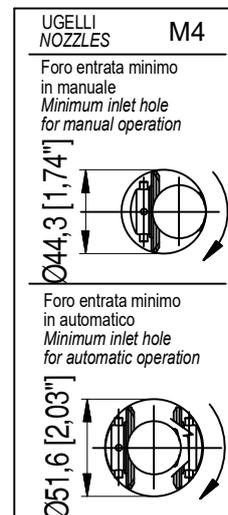
- La Testina STANDARD è fornita di guarnizioni (DINAMICHE) in PTFE + O-Ring EPDM.
- Lubrificare solo con: Grasso al silicone teflonato
- Per l'utilizzo di liquidi detergenti, additivi chimici ecc. non compatibili con le guarnizioni standard è indispensabile contattare il nostro UFFICIO TECNICO.
- Le guarnizioni (STATICHE) sono in FKM (viton).
- Tutti i materiali utilizzati per la costruzione sono approvati dalla NSF.

CLEANING HEAD

- Stainless steel construction.
- Suitable for utilization in food industry.
- This is a self-propelled tank cleaning head: when the flow rate increases, the head rotates faster.
- Cleaning of interior surfaces of tanks and drums.
- Reduced flow, high pressure, high cleaning impact.
- Complete orbital coverage of all interior surfaces.
- Small spray turret that fits through reduced tank opening.
- Rotating speed independent from water temperature.
- Possible installation of an RPM counter.

ATTENTION !

- The STANDARD Tank cleaning head is supplied with seals (DYNAMIC) in PTFE + O-Ring EPDM.
- Lubricate only with silicone-teflon grease
- For use with Detergent liquid, Chemical additives etc that are not compatible with the standard seals, it is essential to contact our TECHNICAL OFFICE for further information.
- The STATIC seals are in FKM (viton)
- Materials used for manufacturing have NSF approval.



ATTENZIONE: NON UTILIZZARE L'APPARECCHIO PRIMA DI AVER LETTO QUESTO MANUALE DI ISTRUZIONE

CAUTION: DO NOT USE THE CLEANING HEAD BEFORE HAVING READ THE INSTRUCTION BOOK



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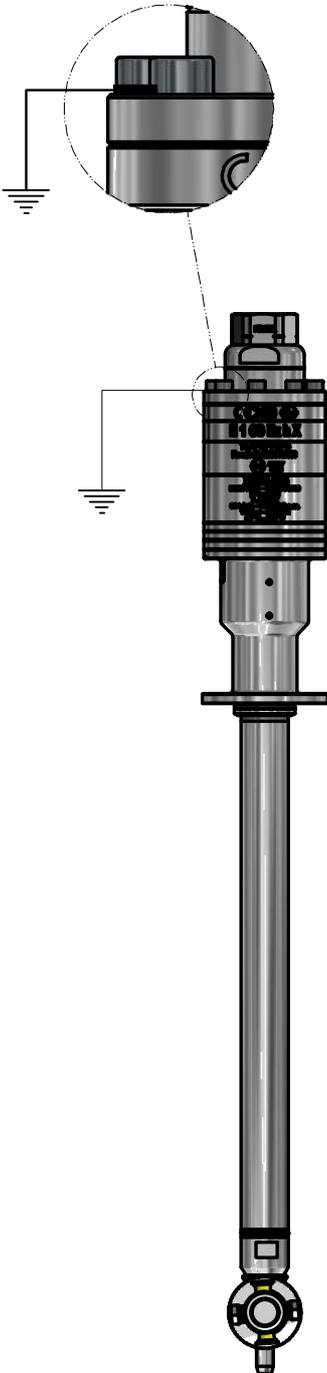


II 1 G Ex h IIC T6...T4 Ga

II 1 D Ex h IIIC T85°C...T135°C Da

MANUALE ISTRUZIONI

INSTRUCTIONS BOOK



-D1-

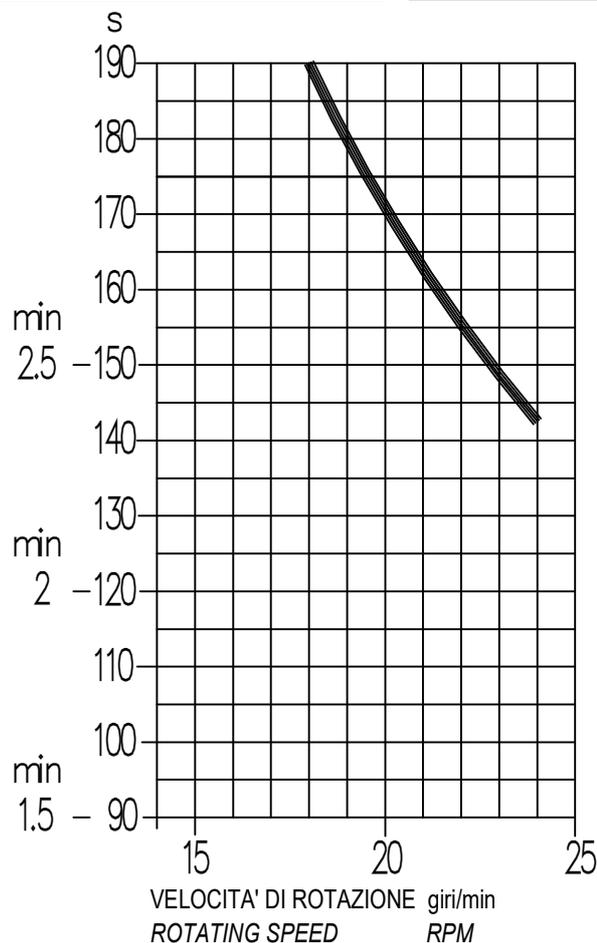
SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS

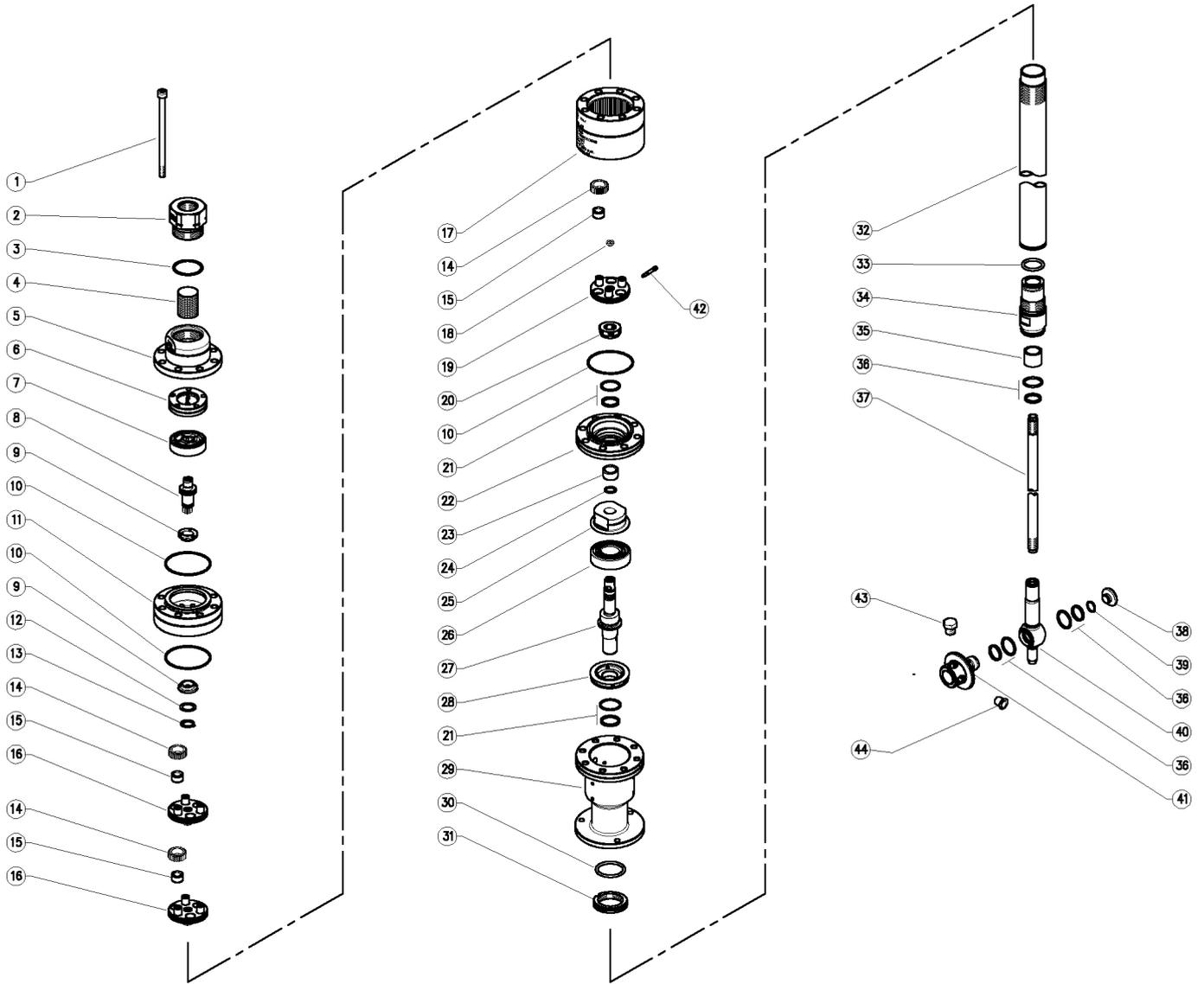
- PRESSIONE NOMINALE RATED PRESSURE	40÷140 bar - 4÷14 MPa (580÷2000 psi)
- PRESSIONE CONSENTITA PERMISSIBLE PRESSURE	160 bar - 16 MPa (2300 psi)
- PORTATA / FLOW RATE	20-65 l/min (5.3 - 17 USGp.m.)
- TEMPERATURA MASSIMA ACQUA MAX WORKING TEMPERATURE	0-90°C (32-195~F)
- PESO / WEIGHT	L=915mm (36.02") - 5.95 Kg (13.12 lb)
- FREQUENZA ROTAZIONE ASSE PRINCIPALE MAIN AXIS ROTATING SPEED	18-24 giri/min (RPM)
- ATTACCO ALIMENTAZIONE ACQUA INLET CONNECTION SIZE	1/2 Gas
- ATTACCO UGELLI (2 o 4) NOZZLES CONNECTION (2 OR 4)	1/8 NPT - M4
- MATERIALI, TRATTAMENTI, LUBRIFICANTI CONFORMI A MATERIALS, TREATMENTS, LUBRICANTS IN COMPLIANCE WITH	NSF STANDARD 51

TEMPO PER UN CICLO COMPLETO DI LAVAGGIO
(57 GIRI DELL'ASSE PRINCIPALE)

TIME FOR A COMPLETE CLEANING CYCLE
(57 MAIN AXIS REVOLUTION)



-D2-



Pos.	P/N	Description	Q.ty	K1	K2	K3	K4
1	16.1910.00R	Screw, DIN912 M6x100 mm Sst.	8				10
2	80.0813.60R	Inlet coupl., 1/2Bsp F Sst.	1				3
3	10.3077.19R	O-Ring, 1,78x28,3 mm Vi 70-Nsf	1	•			5
4	80.0820.63R	Net, 21,5x26,5 mm Ai316 Sst.	1				10
5	80.0803.60R	Inlet housing, Sst.	1				1
6	80.0801.60R	Ring injector, 6x3,4 mm Sst. (1)	1				1
6	80.0838.60R	Ring injector, 8x3,4 mm Sst.	1				1
7	80.0512.84R	Turbine, plast.	1				3
8	80.0834.21R	Geared shaft, Sst.	1				1
9	80.0548.84R	Bushing ring	2				3
10	10.3034.19R	O-Ring, 1,5x45 mm Vi 70-Nsf	3	•			10
11	80.0811.60R	Sst. inlet flange	1				1
12	80.0814.53R	Shim ring, Sst.	1				5
13	10.0999.60R	Snap ring, E 12 Sst.	1				10
14	80.0821.60R	Planetary gear, z.24 Ai316	9				3
15	80.0822.84R	Bushing, . 8x12mm	9				3
16	80.0833.21R	Plan. gear holder+3 pins+gear, Sst.	2				1
17	80.0809.60R	Ring gear z.60, 3-stage cleaner, sst.	1				1
18	80.0213.84R	Shim pin, plast. **	1				10
19	80.0832.21R	Plan. gear holder+3 pins, Sst.+1 pin	1				1
20	80.0807.60R	Ring nut M12x1 mm Ai316 sst	1				1
21	10.2031.19R	Stem seal, 16x21x2,2 mm +O-ring	2	•			5
22	80.0823.60R	Sst. flange	1				1

Pos.	P/N	Description	Q.ty	K1	K2	K3	K4
23	80.0816.60R	Seal holding pin, Sst.	1				5
24	10.3019.19R	O-Ring, 1,5x9,0 mm Vi 70-Nsf	1	•			5
25	80.0825.60R	Shim ring, Ai316 Sst.	1				1
26	11.4420.42R	Ball-bearing, 20x42x12 mm - 2RS1 Sst.	1				2
27	80.0815.60R	Propeller shaft, Sst.	1				5
28	80.0826.60R	Spacer ring, 16x41,8mm Sst.	1				1
29	80.0827.60R	Housing sleeve, Ai316 Sst.	1				1
30	10.3205.19R	O-Ring, 2,62x26,24 mm Vi 70-Nsf	1	•			5
31	80.0804.60R	Ring nut, M28x1 Sst.	1				1
32	80.0805.60R	Tube, M28x1 M 650mm -Ai316 Sst.	1				1
33	10.3184.19R	O-ring, 2,62x18,72 mm Vi 70 (FKM>NSF)	1	•			10
34	80.0802.60R	Pinion z.34 Ai316 sst	1				1
35	80.0828.85R	Bushing, opn. 19x14,8mm PTFE	1				1
36	10.2031.16R	Stem seal, 15 mm +O-ring	3	•			5
37	80.0806.60R	Tube M10 MM 650mm sst.Ai316	1				1
38	80.0819.60R	Pin, M10x1mm Sst.	1				1
39	10.3055.19R	O-ring, 1,78x7,66 mm Vi 70 (FKM>NSF)	1	•			10
40	80.0818.60R	Buffer, Ai316 Sst.	1				5
41	80.0831.21R	Nzl hold. pinion, z.57, Ai316 Sst.	1				1
42	80.0808.60R	Parallel pin, 3x24,5mm Ai316 **	1				3
43	15.3711.18R	Grub screw, 303 Sst. 1/8M Npt **	2				4
44	15.3710.18R	Plug, 1/8" Bsp plast.	4				4

** On request

Kit	P/N	Description	
K1	25.3652.24	Seals Spares Kit - MI42-316 8x1Stk.	1

(1) 25.3650.50