CHEMICAL PUMP



GENERAL CATALOGUE

2025 | 2026

EUROPEAN PUMPS

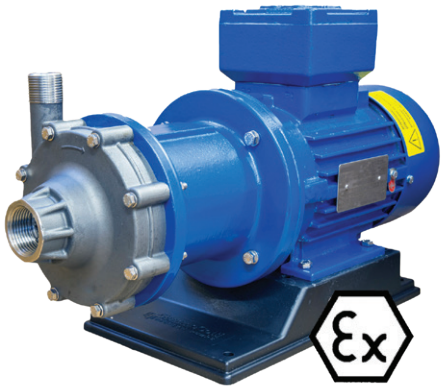
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ATEX PUMPS AISI 316 ZONE 1 / 2

For applications in potentially explosive atmospheres, we **offer ATEX certified pumps.** ATEX pumps made of **AISI 316 are suitable to be used in potentially explosive atmospheres classified zone 1 II 2G c Tx** and **zone 2 II 3G c Tx.**

All our ATEX pumps comply with the technical and safety requirements of ATEX Directive 2014/34/EU.

Pump model **EM-C made of AISI 316** – for **ATEX zone 1 and 2** (See pump model HTM SS316 page 24)



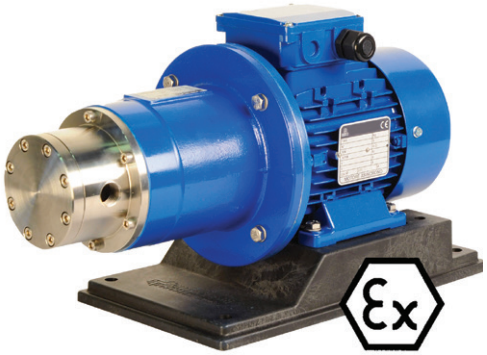
- Metallic pumps made in stainless steel AISI 316.
- Capacity up to 32 m³/h.
- Head up to 24 mlc.

Pump model **EM-T made of AISI 316** - for **ATEX zone 1 and 2** (See pump model HTA page 32)



- Metallic pumps made in stainless steel AISI 316.
- Capacity up to 7 m³/h.
- Head up to 76 mlc.

Pump model **EM-P made of AISI 316** for **ATEX zone 1 and 2** (See pump model HTP page 38)



- Metallic pumps made in stainless steel AISI 316.
- Capacity up to 2100 L/h.
- Pressure up to 13 bar.
- Dry self-priming.

HTM SS 316

METALLIC MAG-DRIVE CENTRIFUGAL PUMPS



Mag drive centrifugal pumps series HTM SS are made of **AISI 316** and are suitable for hydrocarbons solvents and dangerous liquids. Thanks to the **innovative mag drive design,** pumps model HTM SS reduce the risks of leakage and emissions and the maintenance costs. The transmission of the motion occurs through magnetic joints without any mechanical seal. This design guarantees the **maximum safety and efficiency.** The pumped liquid has to be clean and without solids in suspension. Pumps series HTM SS 316 are also available in **ATEX version** for zone **1 and 2** (pump model EM-C).

STANDARD

- Threaded in and out connections.

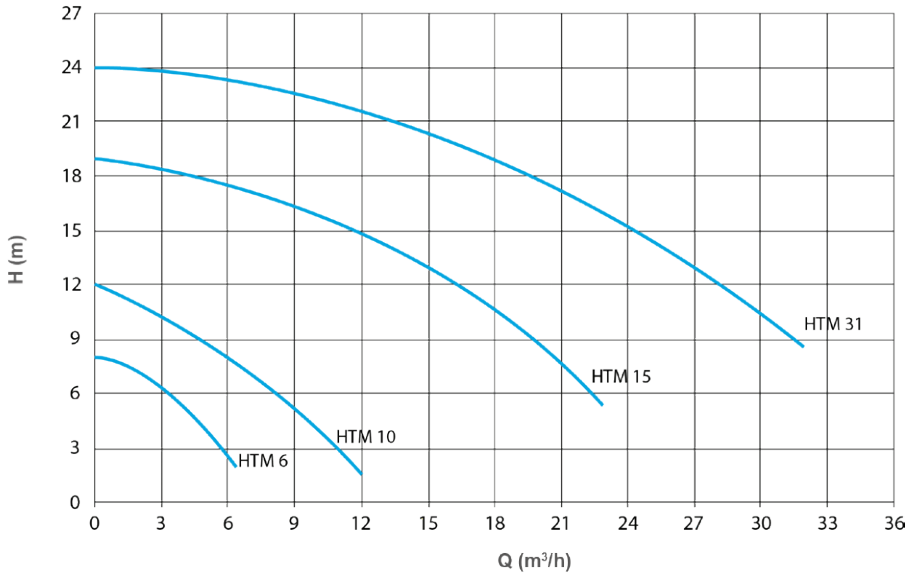
OPTIONAL

- Explosion proof motor.
- Flanges available (DIN or ANSI).
- Dry-running protection device.
- Baseplate.
- Overload switch.
- Available in ATEX version for zone 1 II2G and zone 2 II 3G (pump mod. EM-C AISI 316).

MAIN FEATURES

- **Materials available:** AISI 316.
- **Materials in contact with the liquid:** casing and impeller: stainless steel AISI 316; o-ring: VITON; bushing: PTFE/CARBON; shaft: Hastelloy C276.
- **Max flow:** 32 m^3/h; **Max head:** 24 mlc.
- **Max Temperature:** 160°C.
- **Max viscosity:** 200 cSt.
- **Pressure rating:** NP 16 at 20°C.

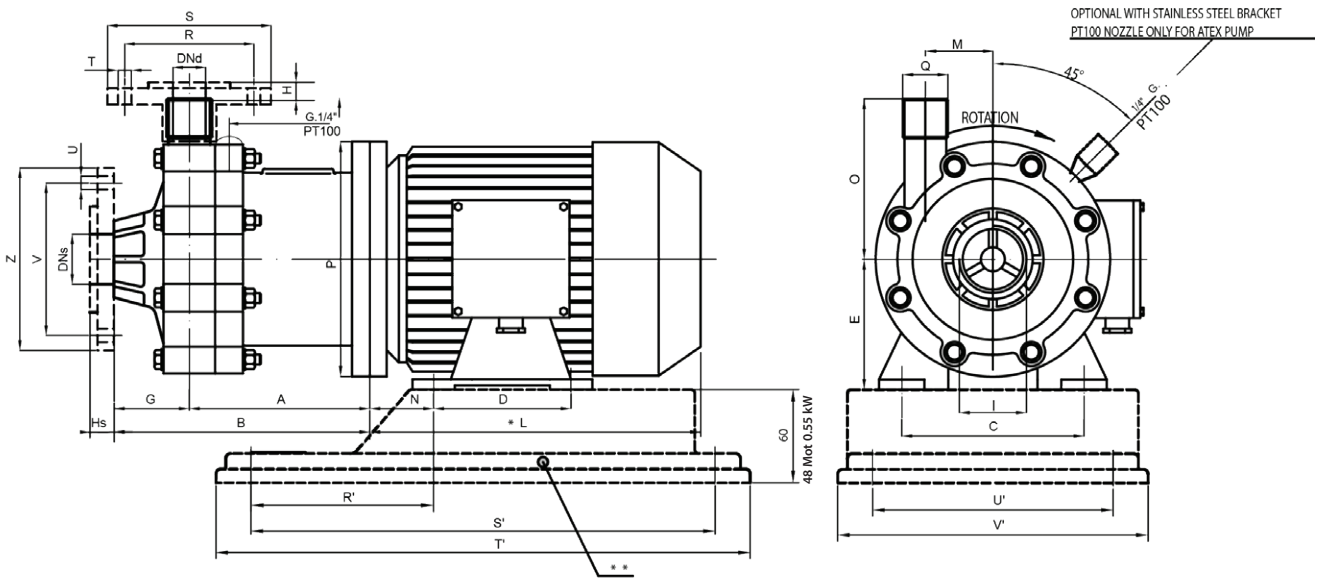
PERFORMANCE CURVES 50Hz - 2900 RPM



HTM SS 316 TECHNICAL DATA

PUMP SIZE	MATERIAL	Q MAX		H MAX		SUCTION CONNECTION	DISCHARGE CONNECTION	PUMP WEIGHT (kg)	SUITABLE MOTOR POWER (kW) 2900 rpm	MOTOR FLANGE AND FRAME
		50Hz (m³/h)	60Hz (USGPM)	50Hz (mlc)	60Hz (ft)					
HTM 6	AISI 316	6	30	8	42	1" FEMALE	3/4" MALE	6.2	0.55	71 B - B3 / B5
HTM 10	AISI 316	12	50	12	52	1" 1/2 FEMALE	1" MALE	11.7	1.1	80 B - B3 / B5
HTM 15	AISI 316	23	117	19	85	2" MALE	1" 1/2 MALE	17	1.5 2.2	90 S - B3 / B5 90 L B3 / B5
HTM 31	AISI 316	32	180	24	110	2" 1/2 MALE	2" MALE	20	2.2 3 4	90 L - B3 / B5 100 L B3 / B5 112 M B3 / B5

HTM 6-10 SS316 • EM-C 6-10 SS316 (ATEX VERSION)



DIMENSIONS - mm -

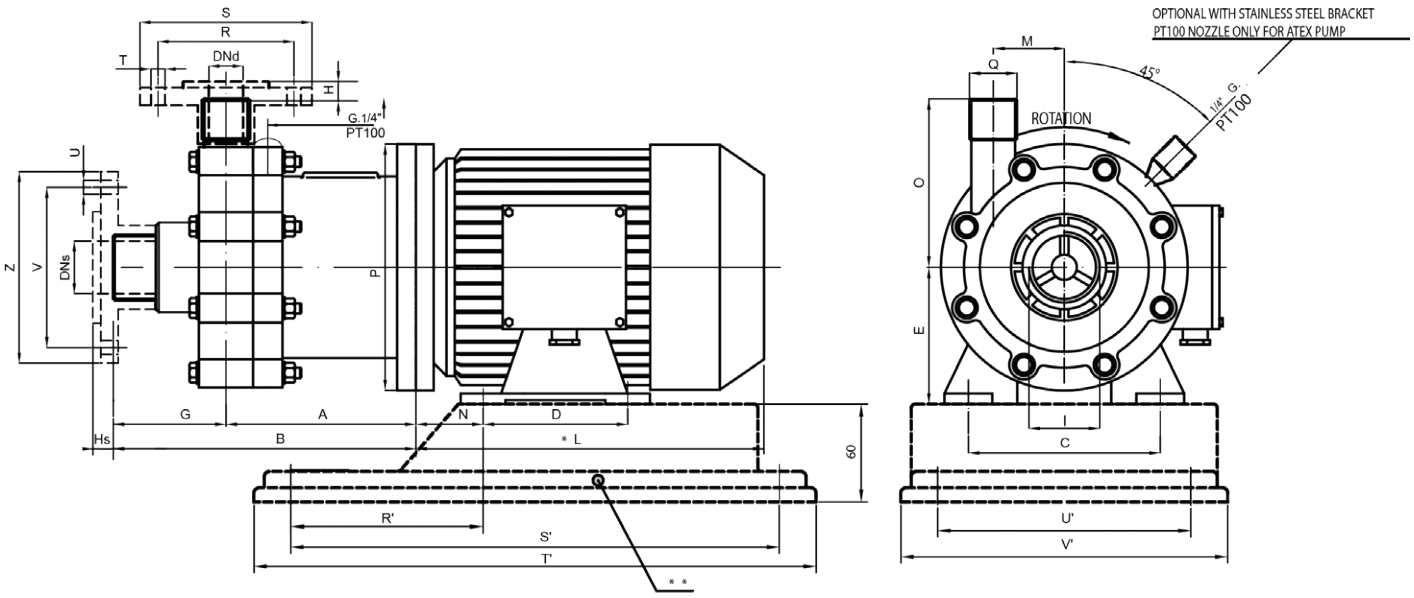
PUMP TYPE	MOTOR FLANGE B3 - B5	kW	A	B	C	D	E	Hs	G	H	I	*L	M	N	O	P	Q	BASEPLATE DIMENSIONS -mm-				
																		R'	S'	T'	U'	V'
HTM 6 SS316	71 B	0.55	137	194	112	90	71	24	57	4	1" FEMALE	215	46	45	89	160	3/4" MALE	102	244	280	130	160
HTM 10 SS316	80 B	1.1	145	214	125	100	80	20	69	8	1" 1/2 FEMALE	232	44	50	98	200	1" MALE	120	302	350	157	205

FLANGES DIMENSIONS - mm -

PUMP TYPE	R	S	T	U	V	Z	DNs	DNd
HTM 6 SS316	75	105	14	14	85	115	25	20
HTM 10 SS316	85	115	14	18	110	150	40	25

* Different according to the manufacturer ** OPTIONAL UPON REQUEST: DIN or ANSI Flanges and Baseplates.
NOTE: DIRECTION OF ROTATION IS COUNTER CLOCKWISE AS SEEN WHEN FACING THE MOTOR.
PUMPS AVAILABLE THREADED OR FLANGED.

HTM 15-31 SS316 • EM-C 15-31 SS316 (ATEX VERSION)



DIMENSIONS - mm -

PUMP TYPE	MOTOR FLANGE B3 - B5	kW	A	B	C	D	E	Hs	G	H	I	*L	M	N	O	P	Q	BASEPLATE DIMENSIONS -mm-				
																		R'	S'	T'	U'	V'
HTM 15 SS316	90 S	1.5	176	256	140	100	90	6	80	4	2" MALE	255	66	56	135	200	1" 1/2 MALE	132	302	350	157	205
HTM 15 SS316	90 L	2.2	176	256	140	125	90	6	80	4	2" MALE	280	66	56	135	200	1" 1/2 MALE	132	302	350	157	205
HTM 31 SS316	90 L	2.2	175	266	140	125	90	6.5	91	5	2" 1/2 MALE	280	66	56	140	200	2" MALE	132	302	350	157	205
HTM 31 SS316	100 L	3	175	266	160	140	100	6.5	91	5	2" 1/2 MALE	316	66	63	140	250	2" MALE	132	302	350	157	205
HTM 31 SS316	112 M	4	175	266	190	140	112	6.5	91	5	2" 1/2 MALE	324	66	70	140	250	2" MALE	132	302	350	157	205

* Different according to the manufacturer ** OPTIONAL UPON REQUEST: DIN or ANSI Flanges and Baseplates.
NOTE: DIRECTION OF ROTATION IS COUNTER CLOCKWISE AS SEEN WHEN FACING THE MOTOR.
PUMPS AVAILABLE THREADED OR FLANGED.

FLANGES DIMENSIONS - mm -

PUMP TYPE	R	S	T	U	V	Z	DNs	DNd
HTM 15 SS316	110	153	18	18	125	168	50	40
HTM 31 SS316	125	168	18	18	145	188	65	50

EUROPEAN PUMPS

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