



POMPE ING. CALELLA

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**Pompe centrifughe per olio diatermico
normalizzate secondo EN 733**

**Centrifugal pumps for heat-transfer oil
according to EN 733 norm**

Costruzione:

Pompa centrifuga ad asse orizzontale con supporto alettato per alta dispersione di calore con albero rotore supportato da 2 cuscinetti per servizio gravoso lubrificati a grasso. Pressione di design e flangiatura PN16. Accoppiamento a mezzo giunto elastico a motore elettrico con coprigiunto a norma EN 294. Telaio in acciaio al carbonio.

Materiali:

Voluta, girante, coperchio, piatto ed anelli di usura e supporto cuscinetti in ghisa sferoidale, albero in AISI 420, tenuta meccanica normalizzata secondo EN 12756. Disponibile, a richiesta, versione con voluta e girante in acciaio al carbonio

Applicazioni:

Trasferimento oli diatermici surriscaldati fino 320° C non contenenti sostanze chimiche aggressive o particelle abrasive.

Impieghi:

Alimentazione caldaie, tintorie, riscaldamento, industrie chimico-farmaceutiche, scambiatori di calore.



Construction:

Horizontal end suction volute casing centrifugal pumps with leg support for high heat dissipation with rotating shaft supported by 2 heavy duty ball bearings grease lubricated. Design pressure and flanges PN16. Coupling with elastic joint to an electric motor: Coverjoint according to EN 294 norm. Base plate made of carbon steel.

Materials:

Spheroidal cast iron volute, impeller, wear plate and ring and support bearing AISI 420 shaft, mechanical seal according to EN 12756 norm. Available on request carbon steel volute and impeller version.

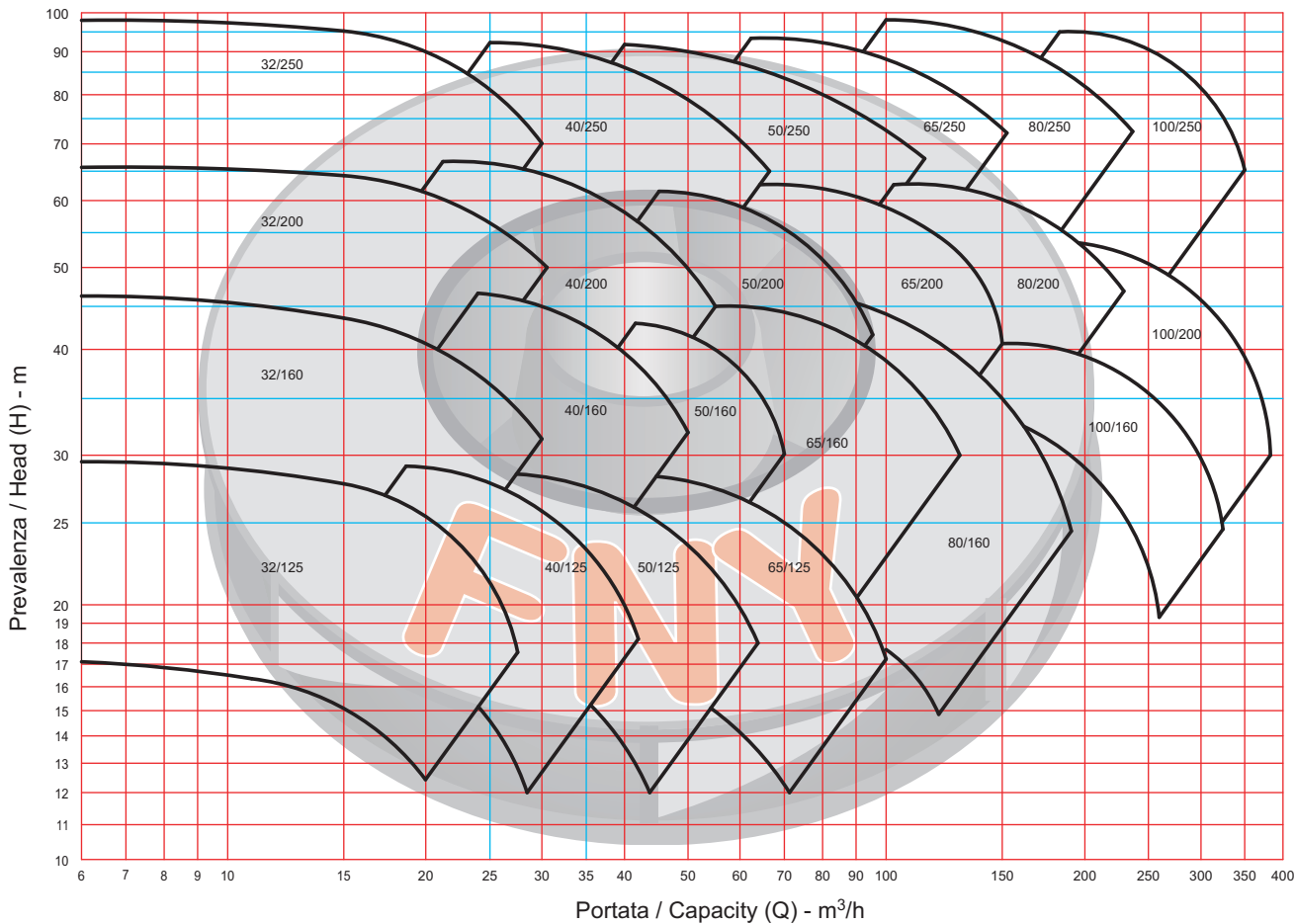
Applications:

Handling of heat-transfer oil up 320° C not containing any abrasive particles or chemical aggressive substances.

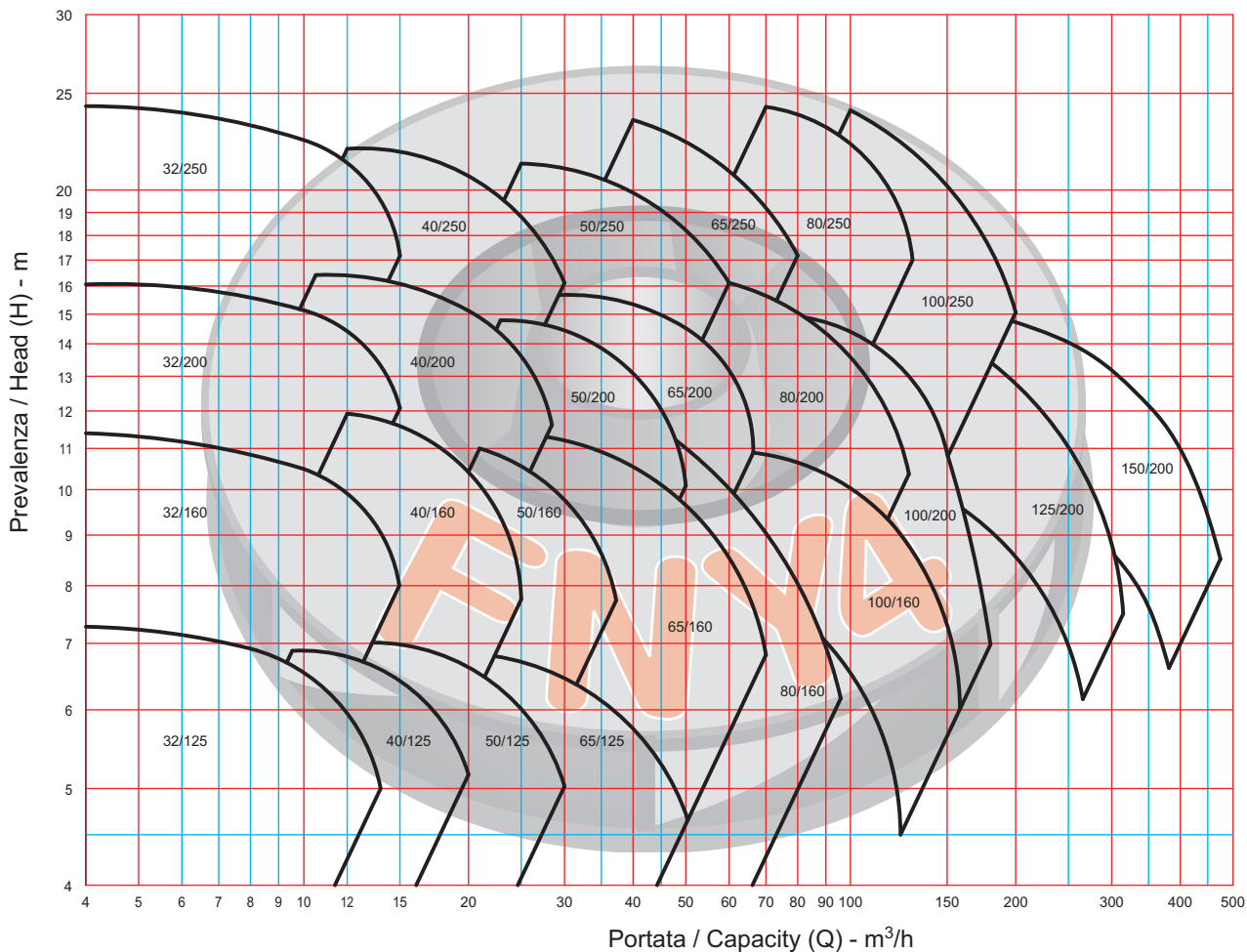
Main field of use:

Boiler feed, chemical-pharmaceutical industries, laundries, general heating, heat exchangers.

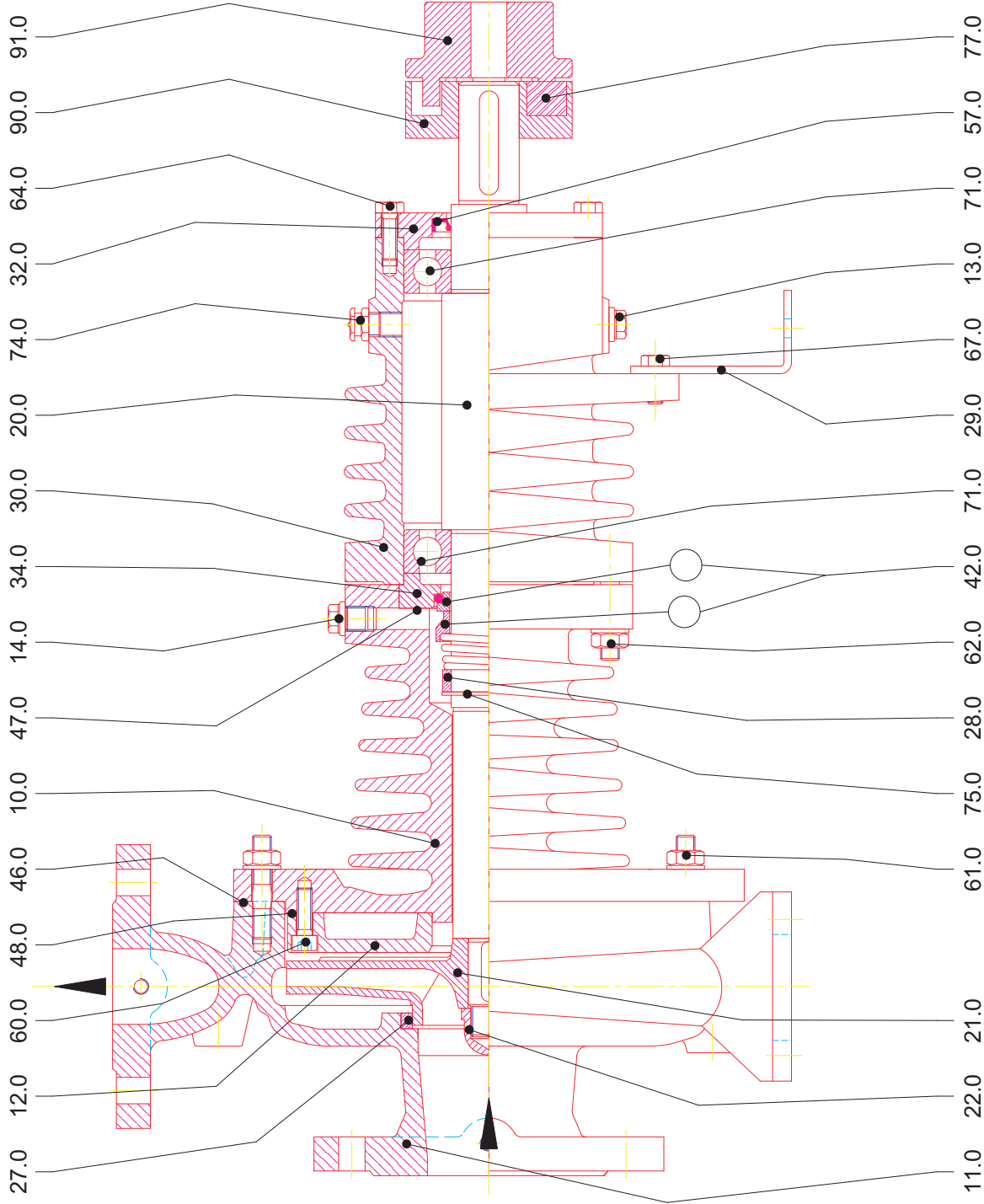
2900 R.P.M.



1450 R.P.M.

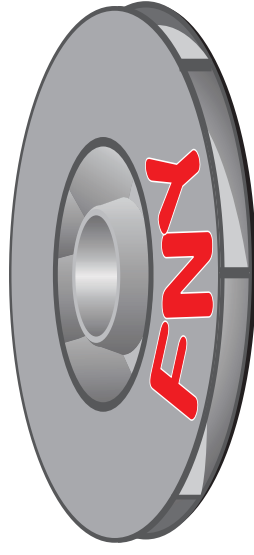


SEZIONE COSTRUTTIVA - CROSS SECTION



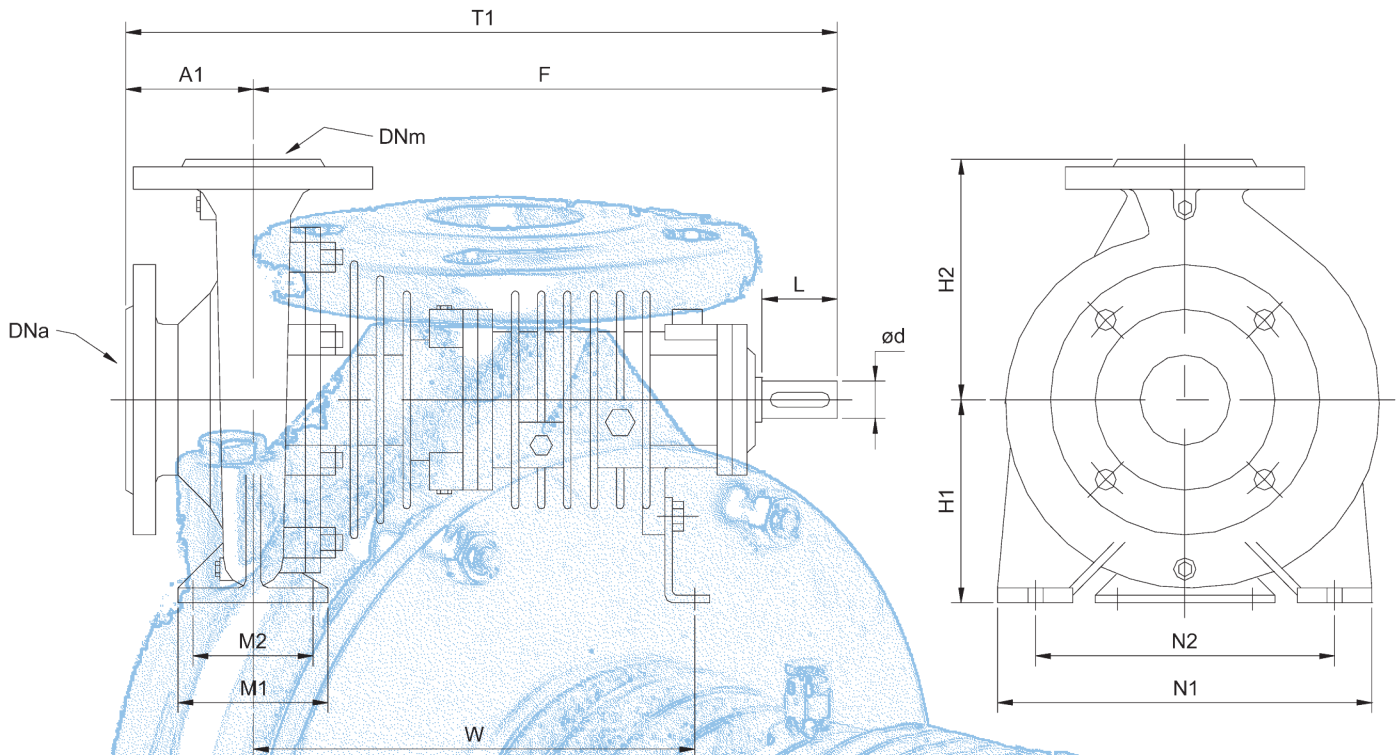
PARTICOLARI	N°.	DETAILS
COPERCHIO VOLUTA	10.0	CASING COVER
VOLUTA	11.0	CASING
DISCO DI USURA	12.0	WEAR PLATE
TAPPO	13.0	PLUG
TAPPO	14.0	PLUG
ALBERO	20.0	SHAFT
GIRANTE	21.0	IMPELLER
DADO BLOCCAGGIO GIR.	22.0	IMPELLER LOCK NUT
ANELLO DI USURA	27.0	WEAR RING
BUSSOLA DIST. TENUTA	28.0	SEAL SPACER SLEEVE
PIEDE DI SOSTEGNO	29.0	MOUNTING FOOT
SUPPORTO	30.0	BEARING FRAME
COP. POST. SUPPORTO	32.0	BEARING FRAME COVER
COPERCHIO TENUTA	34.0	MECH. SEAL COVER
TENUTA MECCANICA	42.0	MECHANICAL SEAL
GUARNIZIONE	46.0	GASKET
GUARNIZIONE	47.0	GASKET
GUARNIZIONE	48.0	GASKET
GUARNIZIONE ANGUS	57.0	ANGUS GASKET
VITE T.C.E.I.	60.0	HEAD CAP SCREW
TIRANTE	61.0	TIE-NUT
TIRANTE	62.0	TIE-NUT
VITE T.E.	64.0	HEX. HEAD CAP SCR.
VITE T.E.	67.0	HEX. HEAD CAP SCR.
CUSCINETTO A SFERE	71.0	BALL BEARING
INGRASSATORE	74.0	GREASER
SEEGER	75.0	SEEGER
TASSELLI ELASTICI	77.0	ELASTIC BOSSES
SEMI GIUNTO POMPA	90.0	PUMP SEMICOUPLING
SEMI GIUNTO MOTORE	91.0	MOTOR SEMICOUPLING

POMPA TIPO - PUMP TYPE



DIMENSIONALE ASSE NUDO - BARE SHAFT DIMENSIONAL DRAWING

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DIMENSIONI (mm) NON IMPEGNATIVE - NOT BINDING DIMENSIONS (mm)

TIPO - TYPE	DNa x DNm	A1	F	T1	H1	H2	L	ød	W	M1	M2	S	N1	N2
FNY 32/125	50 x 32	80	385	465	112	140	50	24	285	100	70	14	190	140
FNY 32/160					132	160							245	190
FNY 32/200		160		180	320	250								
FNY 32/250		125		95	320	250								
FNY 40/125	65 x 40	80	385	465	112	140	50	24	285	100	70	14	190	160
FNY 40/160					132	160							245	190
FNY 40/200		160		180	265	212								
FNY 40/250		180		225	320	250								
FNY 50/125	65 x 50	100	385	485	132	160	50	24	285	100	70	14	245	190
FNY 50/160					160	180							265	212
FNY 50/200					200	200				320	250			
FNY 50/250					125	95				320	250			
FNY 65/125	80 x 65	100	385	485	160	180	50	24	285	125	95	14	280	212
FNY 65/160					200	200							320	250
FNY 65/200					225	225				320	250			
FNY 65/250					495	495				360	280			
FNY 80/160	100 x 80	125	395	520	180	225	50	24	295	125	95	14	320	250
FNY 80/200			500	625	250	250	80	32	355	160	120	18	345	280
FNY 80/250		200	280	400	315									
FNY 100/160		125 x 100	125	395	520	200	280	50	24	295	160	120	18	360
FNY 100/200	505		630	400	315									
FNY 100/250	140		505	645	225	400	315							
FNY 125/200	150 x 125	125	505	630	250	315	80	32	360	165	120	18	390	310
FNY 150/200	200 x 150	150	515	665	280	355	80	32	370	200	150	24	500	400