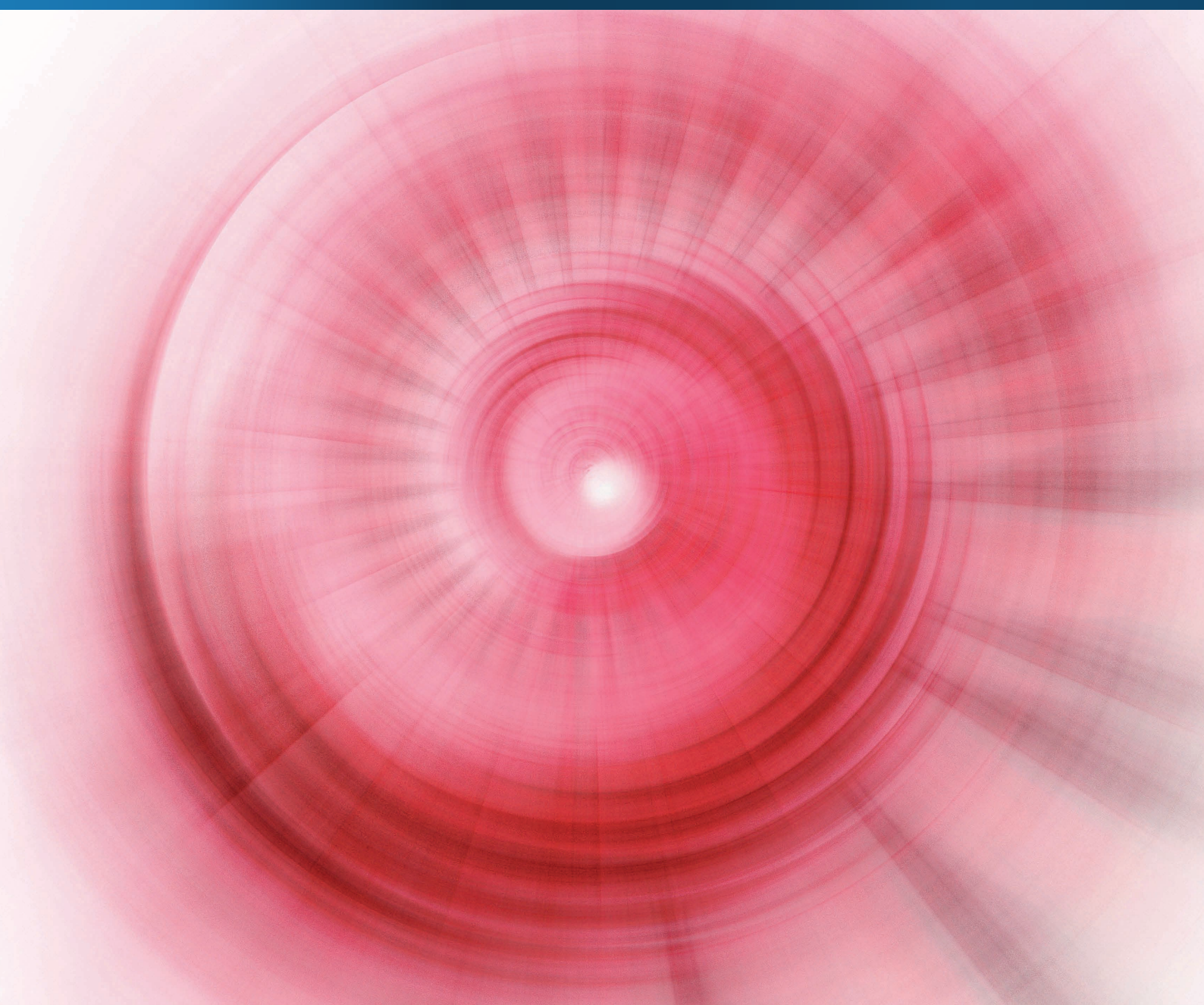


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**FQP - FQL CATALOGUE**



Serie  
Series **FQP - FQL**

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## IMPIEGO

I ventilatori FQP e FQL sono realizzati per le applicazioni in cui le limitazioni di spazio richiedono strutture compatte ovunque sia necessario movimentare grandi quantità d'aria (pulita o polverosa) con pressioni medio-basse. Queste serie di ventilatori utilizzano giranti rispettivamente con **pala negativa piana autopulente (FQP)** e con **pala negativa (FQL)**.

Sono previsti nella esecuzione a trasmissione con cinghie e dotati su richiesta di una ventolina di raffreddamento per le applicazioni con aria calda. Le esecuzioni disponibili prevedono l'accoppiamento con cinghie in sistemazione 9 e 12.

## CARATTERISTICHE

Tutte le caratteristiche riportate sui diagrammi sono riferite ad aria alla temperatura di 15 °C e alla pressione barometrica di 760 mm di mercurio (peso specifico 1,226 kgf/m<sup>3</sup>).

## RUMOROSITA'

I valori di pressione sonora riportati sui diagrammi sono ottenuti mediante le letture eseguite ad una distanza di metri 1,5 attorno al ventilatore. I dB riportati in catalogo si riferiscono alla scala "A", al massimo rendimento, con motore e trasmissione esclusi. Le letture sono state eseguite in campo libero con i ventilatori collegati alla tubazione secondo le norme UNI.

## USE

The FQP and FQL fans are designed for use where a space saving is required in every application for moving of large volumes of (proper or dust laden) air with medium-low pressure inside. This series of fans use impellers with **backward plane self cleaning blade (FQP)** and with **backward curved blades (FQL)**.

They are supplied in belt drive arrangement and provided on request of a cooling disk for use with hot air.

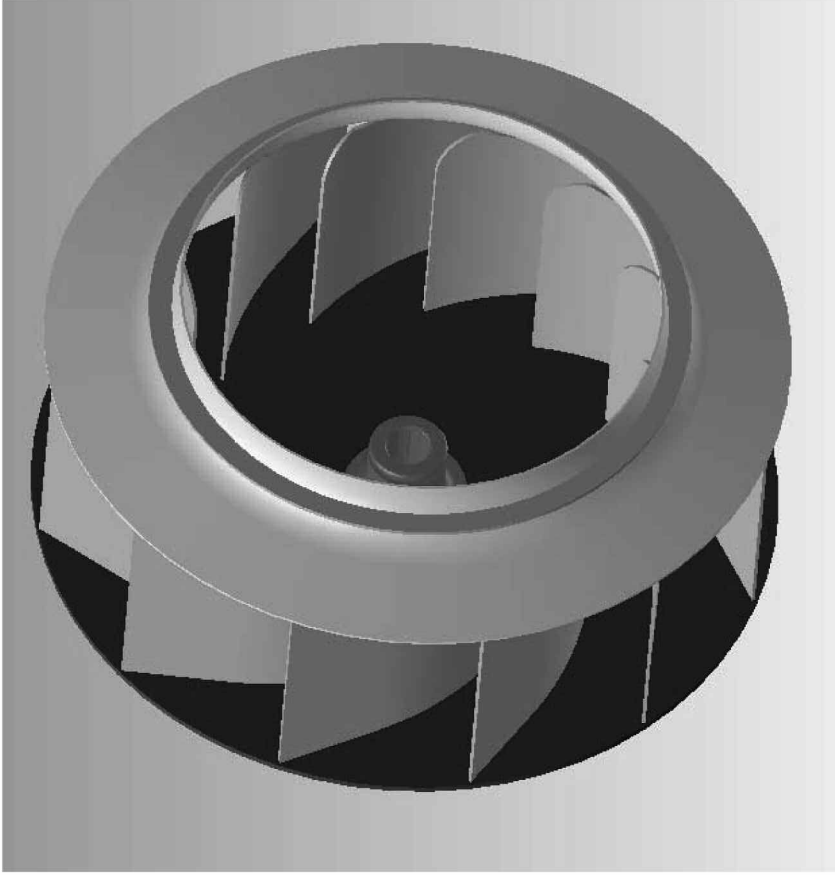
Belt driven arrangements 9 and 12 are available.

## SPECIFICATIONS

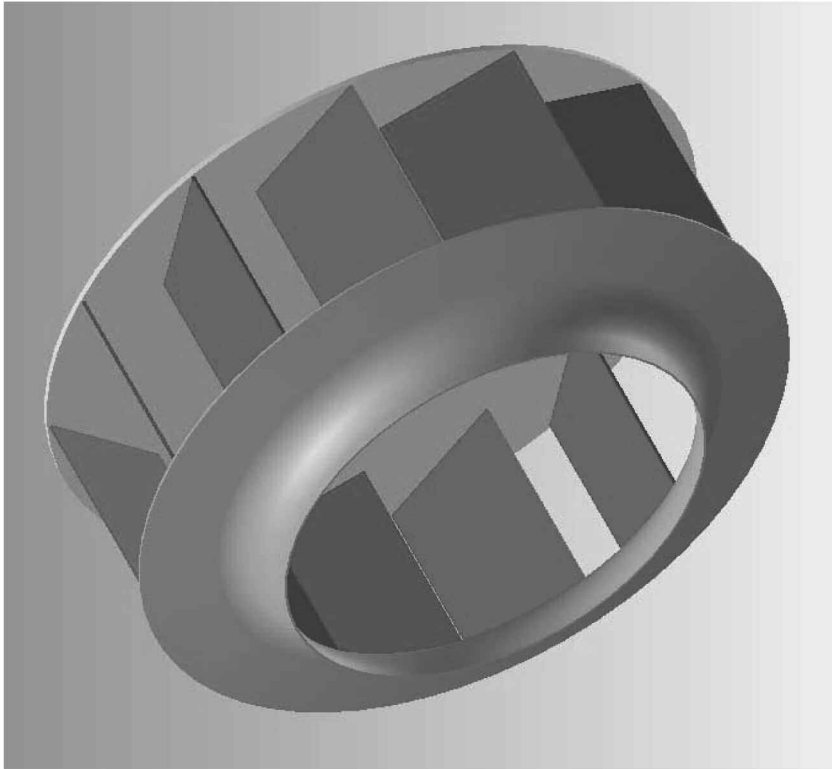
All specifications listed in the tables are referred to the air temperature of 15°C and the pressure of 760 mm mercury column, specific gravity 1.226 kgf/m<sup>3</sup>.

## NOISE LEVEL

Noise level values given in the diagrams should be read at a distance of 1,5 m around the fan. The noise data mentioned in the catalogue are referred to scale "A", at maximum efficiency, motor and transmission belt noise are excluded. The readings took place in open field with pipe connection, according to UNI standard.



Girante a pale curve negative FQL  
Backward curved blades FQL impeller

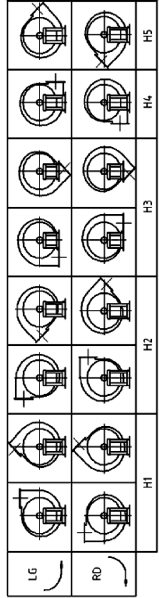
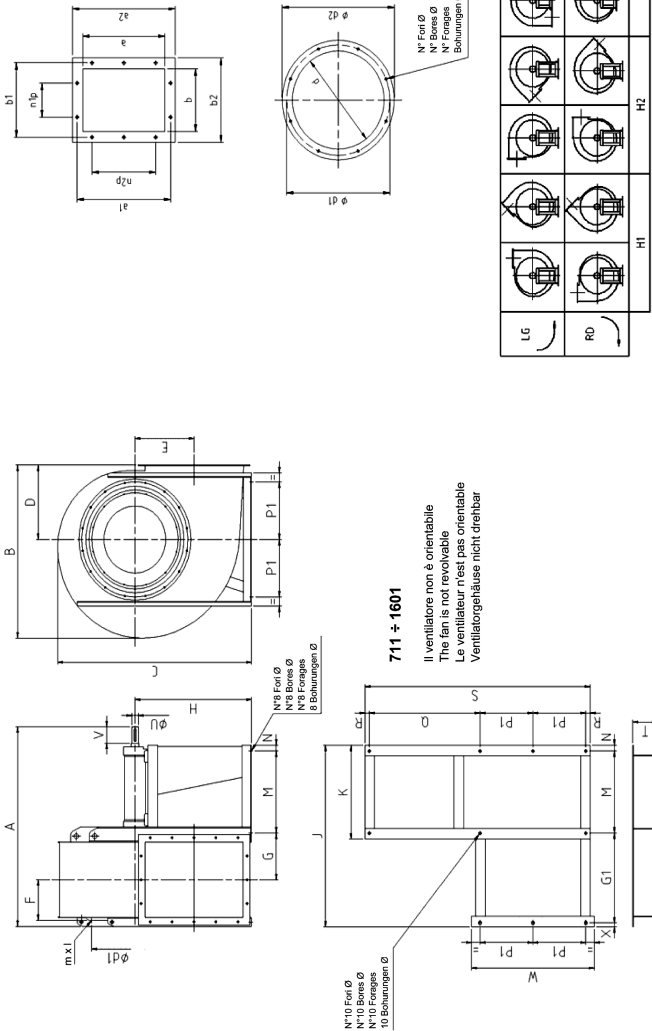
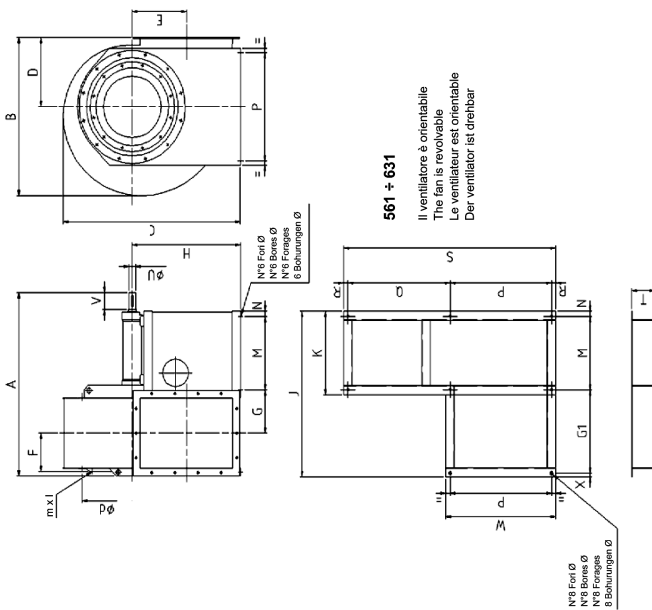


Girante a pale plane negative FQP  
Backward plane blades FQP impeller



**DIMENSIONI D'INGOMBRO SERIE "FQP N1"  
OVERALL DIMENSIONS SERIES "FQP N1"**

**DIMENSIONS D'ENCOMBREMENT SERIE "FQP N1"  
MABE SERIE "FQP N1"**



Tipo/Type/Typ Ventilatore Fan Ventilator	Ventilatore Fan Ventilator															Basamento Base Chassis Sockel															Peso Weight Poids Gewicht Kg
	A	B	C	D	E	F	G	H1	H2	H3	H4	H5	J	K	G1	M	N	P	P1	Q	R	S	T	W	X	Y	Ø				
FQP 561 N1A	1150	925	1125	400	331	224	256	670	670	400	670	670	1025	543	492	477	33	632	678	30	1370	160	692	23	17	52	Ø				
FQP 631 N1A	1195	1040	1265	450	375	249	292	750	750	450	750	750	1075	543	542	477	33	702	708	30	1470	180	762	23	17	56	Ø				
FQP 711 N1A	1355	1165	1415	500	431	274	314	670	670	500	850	850	1220	629	603	551	38	807	807	32	1643	180	896	30	19	85	Ø				
FQP 801 N1A	1415	1300	1580	550	482	305	345	750	750	550	950	950	1292	629	662	551	38	891	891	32	1768	180	986	30	19	88	Ø				
FQP 901 N1A	1485	1460	1765	630	543	344	379	850	850	630	1060	1060	1385	629	731	551	38	981	981	32	2013	180	1086	30	19	96	Ø				
FQP 1001 N1A	1645	1645	1925	710	610	383	413	950	950	710	1180	1180	1485	697	803	667	45	1081	1081	36	2184	200	1188	30	19	110	Ø				
FQP 1121 N1A	1935	1965	2215	800	683	426	481	1060	1060	800	1320	1320	1765	850	926	760	45	1201	1201	45	2334	220	1348	35	24	200	Ø				
FQP 1251 N1A	2035	2085	2505	900	770	479	529	1180	1180	900	1500	1500	1963	850	1023	760	45	1321	1321	45	2630	220	1480	35	24	216	Ø				
FQP 1401 N1A	2225	2315	2815	1000	854	534	604	1320	1320	1000	1700	1700	2022	890	1152	760	45	1441	1441	55	2800	220	1640	35	24	248	Ø				
FQP 1601 N1A	2525	2650	3145	1120	956	605	685	1500	1250	1120	1900	1600	2332	1047	1305	917	65	1601	1195	55	2945	220	1850	45	28	282	Ø				

Tipo/Type/Typ Ventilatore Fan Ventilator	Flangia aspirante Inlet flange Bride à l'aspiration Flansch saugseitig															Flangia premonte Outlet flange Bride en refoulement Flansch druckseitig															PD <sup>1</sup> kgf/m <sup>2</sup>
	U	V	d1	d2	Ø	mxl	a	b	b1	b2	n1p	n2p	n°	Ø	P	Q	R	S	T	W	X	Y	Ø								
FQP 561 N1A	48	110	455	497	535	12	10	8x20	569	404	629	464	669	504	2x160	3x160	14	14	176	176	4.4	4.4									
FQP 631 N1A	48	110	505	551	585	12	10	8x20	638	453	688	513	738	553	2x160	3x160	14	14	231	231	7.6	7.6									
FQP 711 N1A	48	110	566	629	666	12	10	8x20	715	507	775	567	815	607	2x160	4x160	16	14	283	283	14	14									
FQP 801 N1A	55	110	636	698	736	12	10	8x20	801	569	871	639	921	689	2x200	4x200	16	14	357	357	24	24									
FQP 901 N1A	55	110	775	816	816	16	12	10x30	898	638	968	708	1018	758	3x200	4x200	18	14	478	478	48	48									
FQP 1001 N1A	65	140	806	861	906	16	12	10x30	1007	715	1077	785	1127	835	3x200	4x200	18	14	593	593	92	92									
FQP 1121 N1A	75	140	906	958	1006	16	12	10x30	1130	801	1210	881	1270	941	3x200	5x200	20	18	688	688	120	120									
FQP 1251 N1A	75	140	1007	1067	1107	24	12	10x30	1267	898	1347	975	1407	1038	4x200	6x200	24	18	1137	1137	208	208									
FQP 1401 N1A	80	170	1128	1200	1248	24	12	10x30	1421	1007	1501	1087	1561	1147	4x200	6x200	24	18	1620	1620	352	352									
FQP 1601 N1A	90	170	1260	1337	1380	24	12	10x30	1553	1130	1683	1220	1753	1280	5x200	7x200	28	22	2062	2062	644	644									

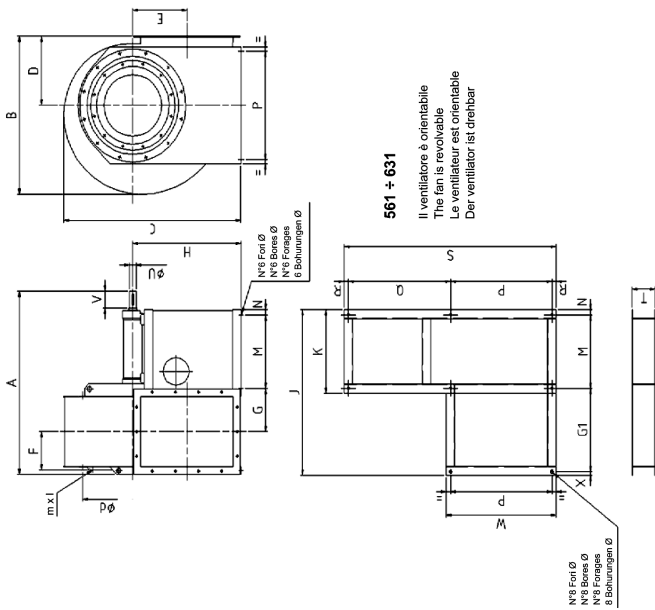
FQP 561 N1A quote Q e S +100mm per motori grandezza 200-225  
FQP 631 N1A quote Q e S +100mm per motori grandezza 200-225

FQP 711 N1A quote Q e S +150mm per motori grandezza 250  
FQP 801 N1A quote Q e S +100mm per motori grandezza 250

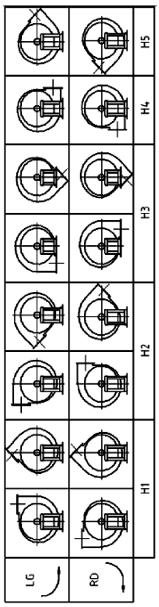
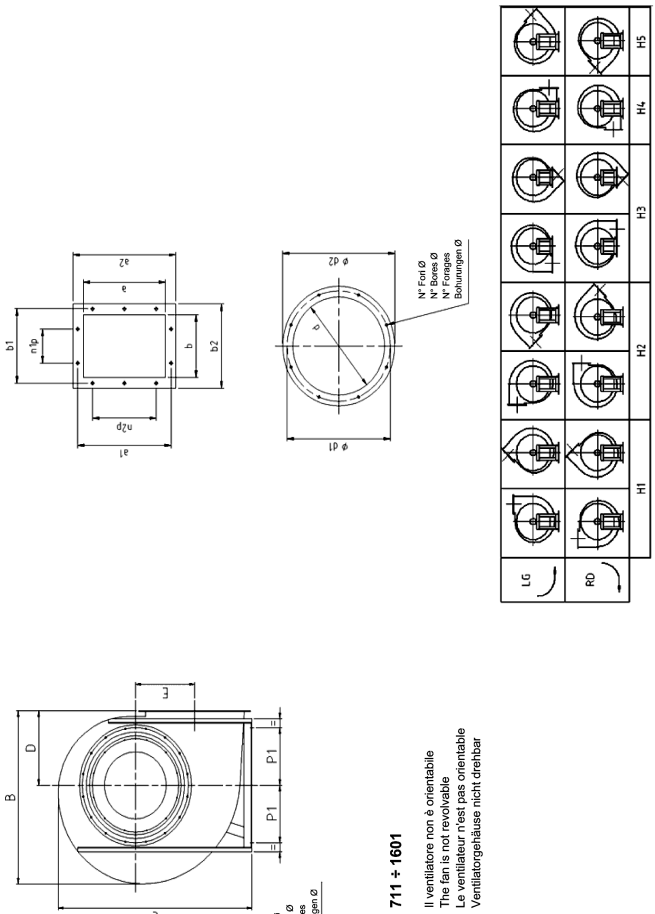
Tabella non impegnativa  
The above data are unbinding

Tableau sans engagement  
Unverbindliche Tabelle

**DIMENSIONI D'INGOMBRO SERIE "FQL N1"**  
**OVERALL DIMENSIONS SERIES "FQL N1"**



**DIMENSIONS D'ENCOMBREMENT SERIE "FQL N1"**  
**MABE SERIE "FQL N1"**



Tipo/Type/Typo Ventilatore Fan Ventilateur		Ventilatore Fan Ventilateur																		Peso Weight Poids Gewicht							
A	B	C	D	E	F	G	H1	H2	H3	H4	H5	J	K	G1	M	N	P	P1	Q	R	S	T	W	X	Ø	Peso Weight Poids Gewicht	
FQL 561 N1A	1070	950	1125	400	381	216	670	670	400	670	670	943	543	410	477	33	632	*	678	30	1370	160	692	23	17	51	51
FQL 631 N1A	1110	1065	1265	450	441	200	750	750	450	750	750	963	543	450	477	33	702	*	708	30	1470	160	762	23	17	55	55
FQL 711 N1A	1190	1190	1415	500	500	222	850	850	500	850	850	1114	629	487	551	39	864	*	867	32	1643	180	896	27	19	83	83
FQL 801 N1A	1295	1330	1580	560	560	247	950	950	560	950	950	1163	629	546	551	39	941	*	941	32	1768	180	986	27	19	90	90
FQL 901 N1A	1350	1490	1765	630	630	278	1050	1050	630	1050	1050	1217	629	600	551	39	1022	*	1022	32	1913	180	1086	27	19	96	96
FQL 1001 N1A	1495	1675	1975	710	710	310	1150	1150	710	1150	1150	1336	697	657	667	45	1103	*	1103	36	2164	200	1188	27	19	125	125
FQL 1121 N1A	1770	1885	2215	800	800	344	1300	1300	800	1300	1300	1603	850	763	760	45	1284	*	1284	45	2334	220	1348	35	24	190	190
FQL 1251 N1A	1850	2115	2505	900	900	388	1400	1400	900	1400	1400	1700	850	840	760	45	1365	*	1365	45	2630	220	1480	35	24	205	205
FQL 1401 N1A	2010	2345	2815	1000	1000	431	1500	1500	1000	1500	1500	1816	890	850	760	45	1446	*	1446	55	2800	220	1640	35	24	240	240
FQL 1601 N1A	2290	2650	3145	1120	1120	489	1600	1600	1120	1600	1600	2100	1047	1073	917	65	1527	*	1527	55	2945	220	1850	45	28	270	270

Tipo/Type/Typo Ventilatore Fan Ventilateur		Ventilatore Fan Ventilateur																		Peso Weight Poids Gewicht							
A	B	C	D	E	F	G	H1	H2	H3	H4	H5	J	K	G1	M	N	P	P1	Q	R	S	T	W	X	Ø	Peso Weight Poids Gewicht	
FQL 561 N1A	48	110	455	497	535	12	10	820	453	322	497	386	533	402	2425	3425	14	12	223	30	1370	160	692	23	17	51	51
FQL 631 N1A	48	110	505	551	585	12	10	820	507	361	551	405	587	441	2425	3425	14	12	223	30	1470	160	762	23	17	55	55
FQL 711 N1A	48	110	566	629	666	12	10	820	569	404	629	464	669	504	2425	3425	14	12	223	32	1643	180	896	27	19	83	83
FQL 801 N1A	55	110	638	698	736	12	10	820	638	453	698	513	738	553	2425	3425	14	12	223	32	1768	180	986	27	19	90	90
FQL 901 N1A	55	110	716	775	816	16	12	1030	715	507	775	587	815	607	2425	3425	14	12	223	32	1913	180	1086	27	19	96	96
FQL 1001 N1A	65	140	806	861	906	16	12	1030	801	569	871	639	921	689	2425	3425	14	12	223	36	2164	200	1188	27	19	125	125
FQL 1121 N1A	75	140	906	958	1006	16	12	1030	898	638	988	708	1018	758	2425	3425	14	12	223	45	2334	220	1348	35	24	190	190
FQL 1251 N1A	75	140	1007	1067	1107	24	12	1030	1007	715	1077	785	1127	835	2425	3425	14	12	223	55	2630	220	1480	35	24	205	205
FQL 1401 N1A	80	170	1128	1200	1248	24	12	1030	1130	801	1270	881	1270	941	2425	3425	14	12	223	55	2800	220	1640	35	24	240	240
FQL 1601 N1A	90	170	1280	1337	1380	24	12	1030	1267	888	1347	978	1407	1038	2425	3425	14	12	223	55	2945	220	1850	45	28	270	270

FQL 561 N1A quote Q e S +100mm per motori grandezza 200-225  
FQL 631 N1A quote Q e S +100mm per motori grandezza 200-225  
FQL 711 N1A quote Q e S +150mm per motori grandezza 260  
FQL 801 N1A quote Q e S +100mm per motori grandezza 250

Tableau sans engagement  
Unverbindliche Tabelle

# FQP

## Rumorosità e potenza sonora / Noise level and sound power

ventilatore fan	motore motor	potenza assorbita absorbed power kW	potenza installata installed power kW	velocità di rotazione rotational speed giri/min rpm	potenza sonora sound power dB	rumorosità* noise level*	spettro di potenza sonora sound power spectrum Hz							
							63	125	250	500	1000	2000	4000	8000
<b>dB</b>														
FQP 561 N1A				3000	112	88	106	106	103	106	100	95	91	88
FQP 561 N1A				1500	99	70	91	94	93	86	82	74	69	62
FQP 631 N1A				1500	103	74	95	98	97	90	86	78	73	66
FQP 711 N1A				1500	107	78	99	102	101	94	90	82	77	70
FQP 801 N1A				1500	111	81	103	106	105	98	94	86	81	74
FQP 901 N1A				1500	114	84	106	109	108	101	97	89	84	77
FQP 1001 N1A				1500	119	88	111	114	113	106	102	94	89	82
FQP 1121 N1A				1500	122	90	114	117	116	109	105	97	92	85
<b>dB</b>														
FQP 901 N1A				1000	103	73	95	98	97	90	86	78	73	66
FQP 1001 N1A				1000	108	77	100	103	102	95	91	83	78	71
FQP 1121 N1A				1000	111	80	103	106	105	98	94	86	81	74
FQP 1251 N1A				1000	116	83	108	111	110	103	99	91	86	79
FQP 1401 N1A				1000	120	87	112	115	114	107	103	95	90	83
FQP 1601 N1A				1000	125	91	117	120	119	112	108	100	95	88
<b>dB</b>														
FQP 1251 N1A				750	110	75	104	104	101	104	98	93	89	86
FQP 1401 N1A				750	114	79	106	109	108	101	97	89	84	77
FQP 1601 N1A				750	119	83	111	114	113	106	102	94	89	82

\*Rumorosità in campo libero a 1.5 m. di distanza dal ventilatore con tubazione in aspirante e in premente

\*Noise level in free field at 1.5 m. from the fan with duct on suction side and on discharge side

Tolleranza sulla rumorosità + 3dB  
Noise level tolerance + 3 dB

<b>FQL</b>														
<b>Rumorosità e potenza sonora / Noise level and sound power</b>														
ventilatore fan	motore motor	potenza assorbita absorbed power kW	potenza installata installed power kW	velocità di rotazione rotational speed giri/min rpm	potenza sonora sound power dB	rumorosità* noise level*	spettro di potenza sonora sound power spectrum Hz							
							63	125	250	500	1000	2000	4000	8000
tipo type	grandezza frame	dB												
FQL 561 N1A				3000	103	84	97	94	92	98	94	90	86	83
FQL 561 N1A				1500	89	64	81	81	82	78	76	70	65	58
FQL 631 N1A				1500	94	68	86	86	87	83	81	75	70	63
FQL 711 N1A				1500	98	72	90	90	91	87	85	79	74	67
FQL 801 N1A				1500	102	74	94	94	95	91	89	83	78	71
FQL 901 N1A				1500	105	77	97	97	98	94	92	86	81	74
FQL 1001 N1A				1500	109	82	101	101	102	98	96	90	85	78
FQL 1121 N1A				1500	112	84	104	104	105	101	99	93	88	81
FQL 901 N1A				1000	94	66	86	86	87	83	81	75	70	63
FQL 1001 N1A				1000	98	70	90	90	91	87	85	79	74	67
FQL 1121 N1A				1000	102	74	94	94	95	91	89	83	78	71
FQL 1251 N1A				1000	107	77	99	99	100	96	94	88	83	76
FQL 1401 N1A				1000	110	81	102	102	103	99	97	91	86	79
FQL 1601 N1A				1000	116	85	108	108	109	105	103	97	92	85
FQL 1251 N1A				750	98	69	92	89	87	93	89	85	81	78
FQL 1401 N1A				750	102	73	94	94	95	91	89	83	78	71
FQL 1601 N1A				750	108	77	100	100	101	97	95	89	84	77

\*Rumorosità in campo libero a 1.5 m. di distanza dal ventilatore con tubazione in aspirante e in premente

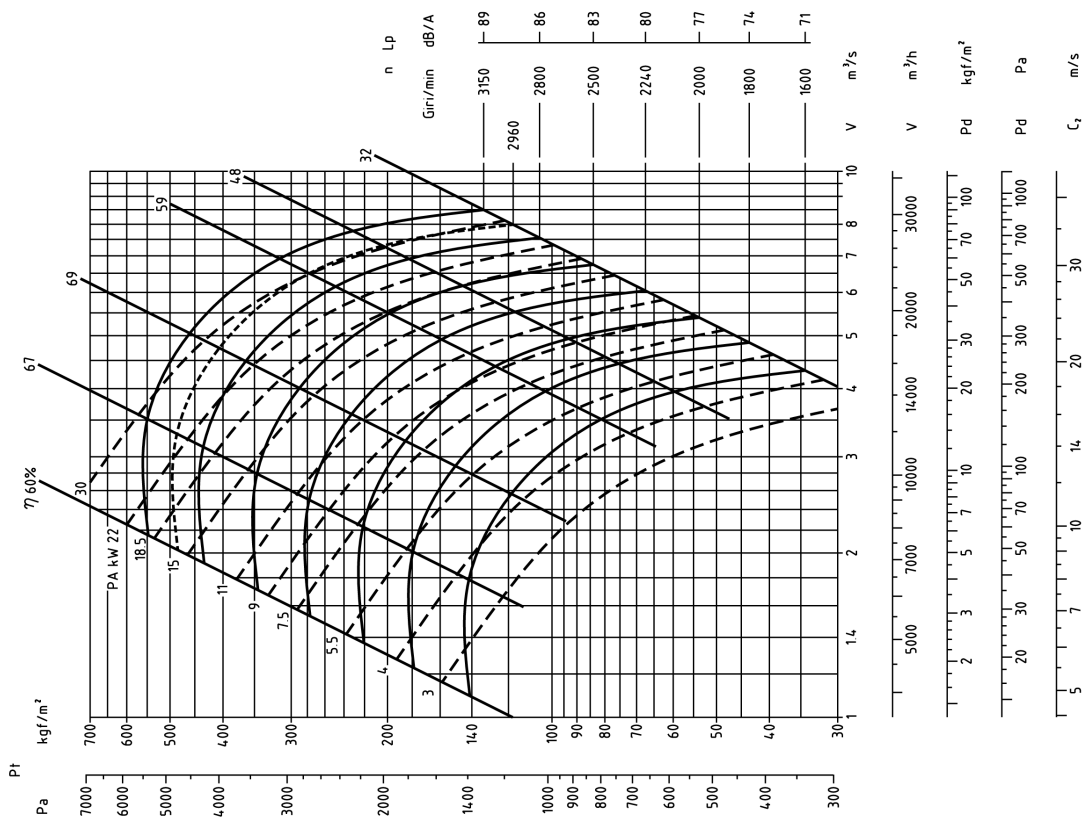
\*Noise level in free field at 1.5 m. from the fan with duct on suction side and on discharge side

Tolleranza sulla rumorosità + 3dB

Noise level tolerance + 3 dB



### FQP 561 N1A

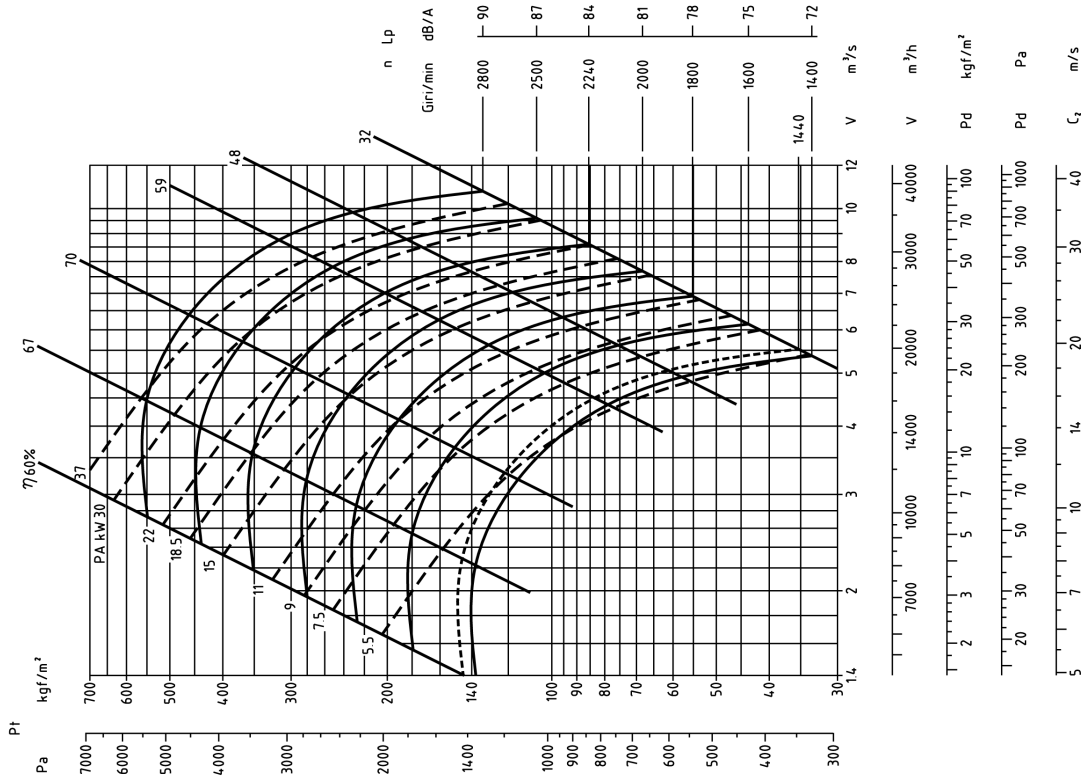


Giri massimi ammissibili:  $\leq 100^\circ\text{C} = 2900$ ,  $\leq 100^\circ\text{C} = 2550$   
 $101 \div 200^\circ\text{C} = 2600$ ,  $101 \div 200^\circ\text{C} = 2300$   
 $201 \div 300^\circ\text{C} = 2340$ ,  $201 \div 300^\circ\text{C} = 2050$

$PD^2 = 4.2$  kgf·m<sup>2</sup>,  $PD^2 = 7.2$  kgf·m<sup>2</sup>  
 $J = 1.1$  kg·m<sup>2</sup>,  $J = 1.8$  kg·m<sup>2</sup>

Densità fluido 1.226 kg/m<sup>3</sup>

### FQP 631 N1A

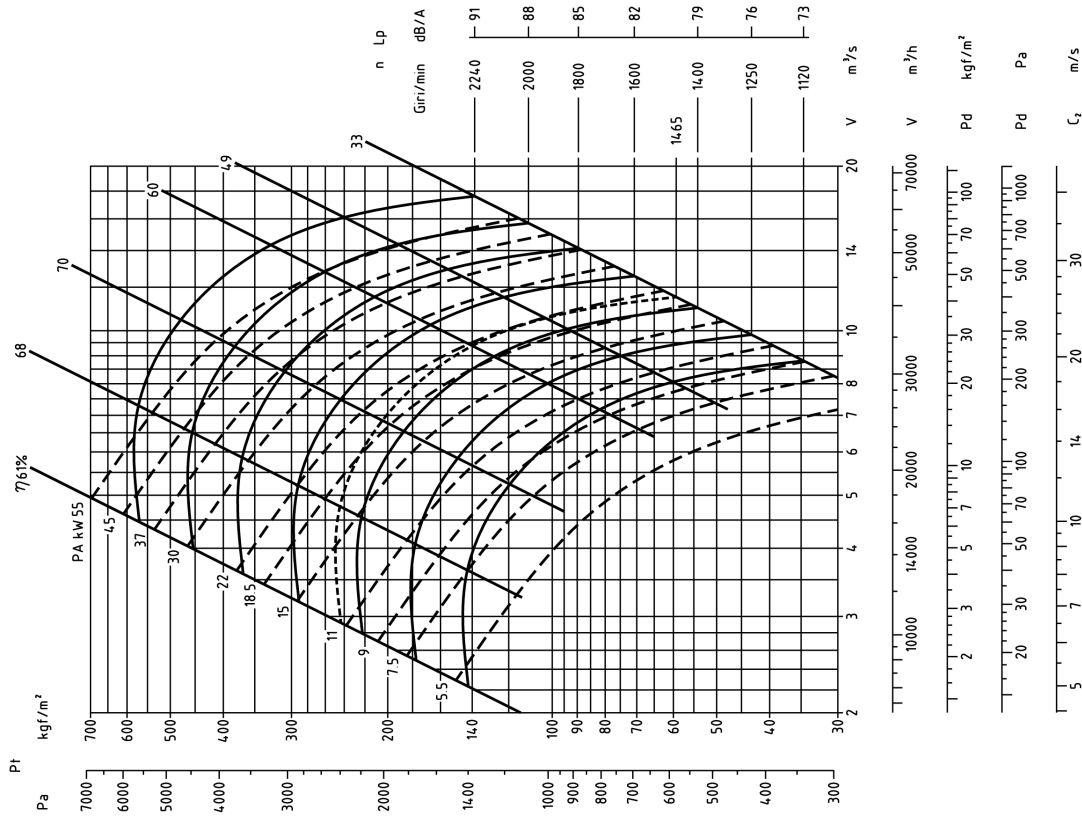


Giri massimi ammissibili:  $\leq 100^\circ\text{C} = 2550$ ,  $\leq 100^\circ\text{C} = 2550$   
 $101 \div 200^\circ\text{C} = 2300$ ,  $101 \div 200^\circ\text{C} = 2300$   
 $201 \div 300^\circ\text{C} = 2050$ ,  $201 \div 300^\circ\text{C} = 2050$

$PD^2 = 7.2$  kgf·m<sup>2</sup>,  $PD^2 = 7.2$  kgf·m<sup>2</sup>  
 $J = 1.8$  kg·m<sup>2</sup>,  $J = 1.8$  kg·m<sup>2</sup>

Densità fluido 1.226 kg/m<sup>3</sup>

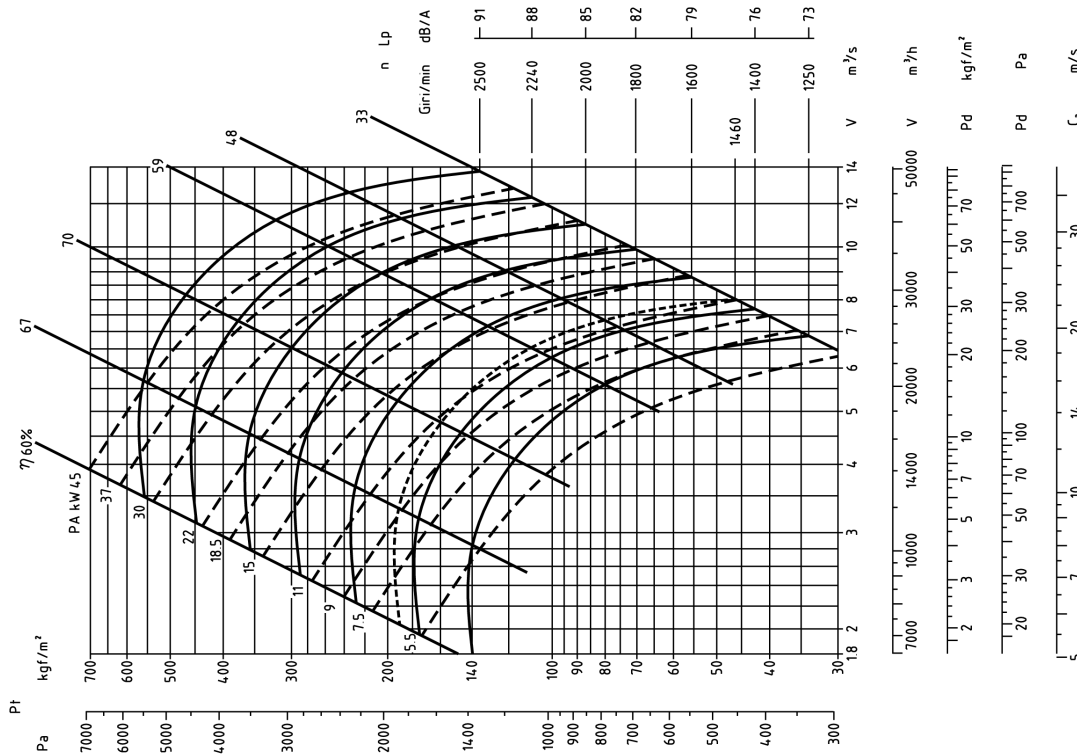
### FQP 801 N1A



Giri massimi ammissibili  $\leq 100^\circ\text{C} = 2050$   $\text{kgf}\cdot\text{m}^2$   $\text{PD}^2 = 21$   $\text{kgf}\cdot\text{m}^2$   
 $101 \div 200^\circ\text{C} = 1850$   $\text{kg}\cdot\text{m}^2$   $J = 5.2$   $\text{kg}\cdot\text{m}^2$   
 $201 \div 300^\circ\text{C} = 1650$   $\text{kg}\cdot\text{m}^2$

Densità fluido 1.226  $\text{kg}/\text{m}^3$

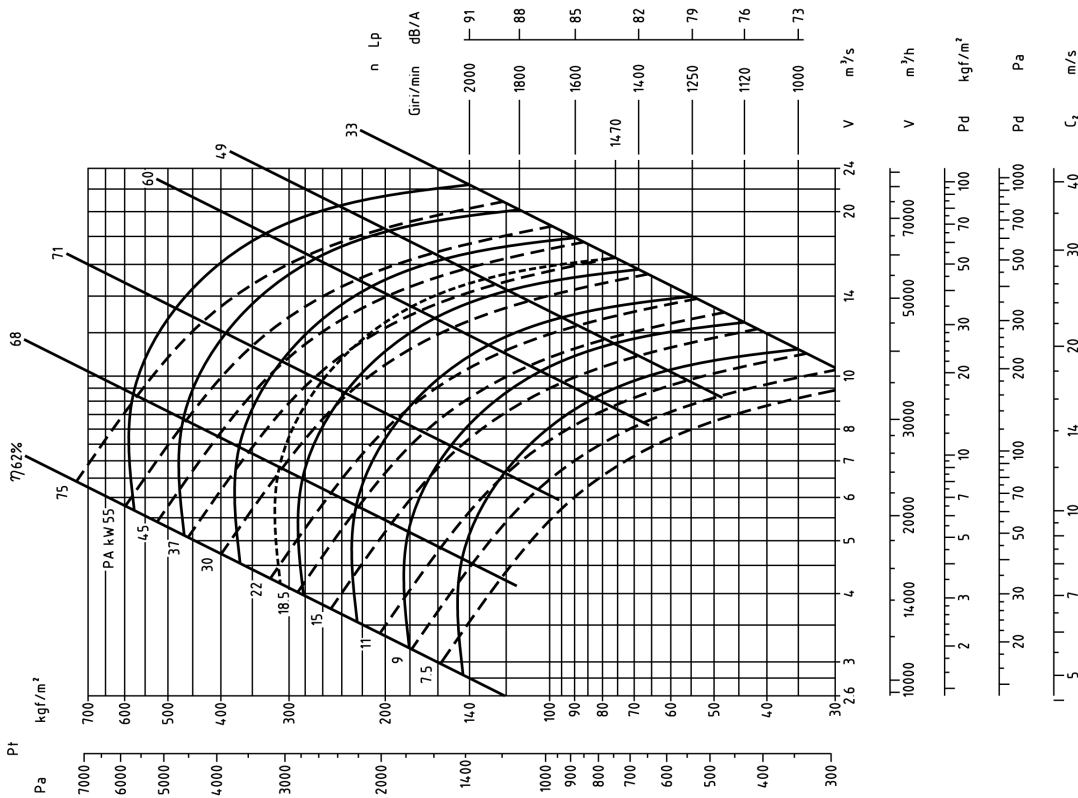
### FQP 711 N1A



Giri massimi ammissibili  $\leq 100^\circ\text{C} = 2300$   $\text{kgf}\cdot\text{m}^2$   $\text{PD}^2 = 13$   $\text{kgf}\cdot\text{m}^2$   
 $101 \div 200^\circ\text{C} = 2050$   $\text{kg}\cdot\text{m}^2$   $J = 3.2$   $\text{kg}\cdot\text{m}^2$   
 $201 \div 300^\circ\text{C} = 1850$   $\text{kg}\cdot\text{m}^2$

Densità fluido 1.226  $\text{kg}/\text{m}^3$

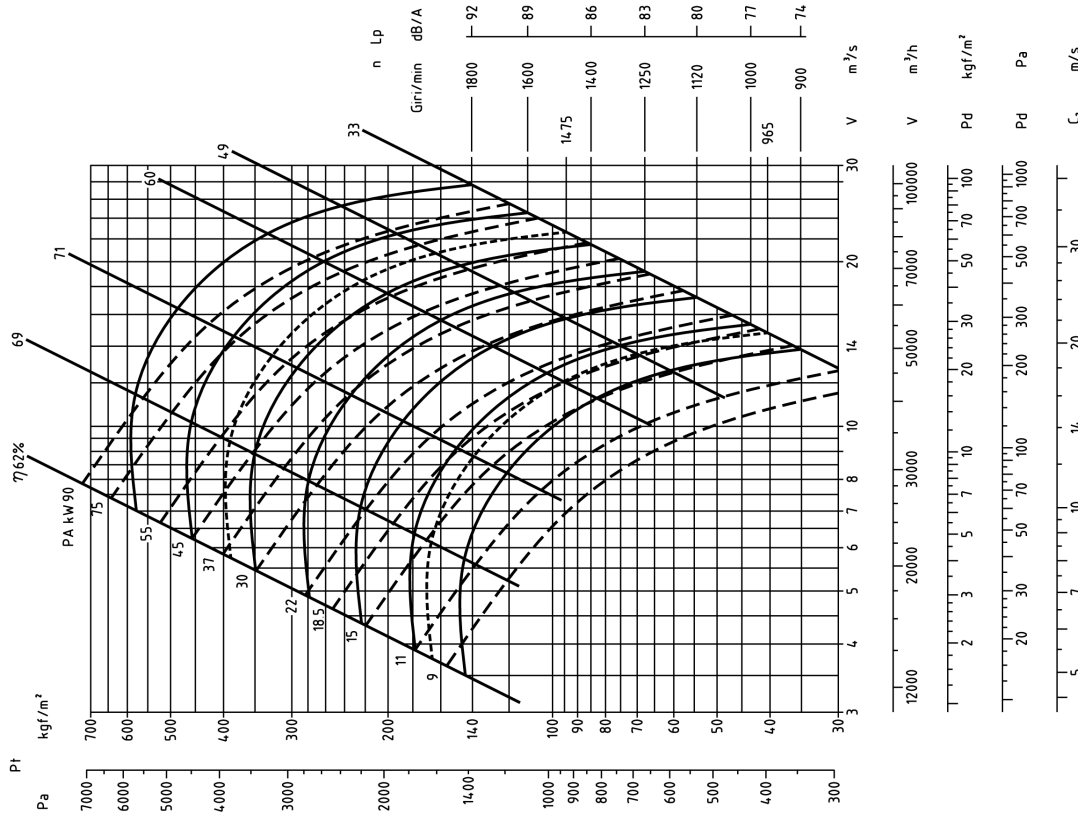
### FQP 901 N1A



Giri massimi ammissibili  $\leq 100^{\circ}\text{C} = 1850$   $\text{PD}^2 = 42 \text{ kgf} \cdot \text{m}^2$   
 $101 \div 200^{\circ}\text{C} = 1650$   $J = 10.5 \text{ kg} \cdot \text{m}^2$   
 $201 \div 300^{\circ}\text{C} = 1450$

Densità fluido 1.226 kg/m<sup>3</sup>

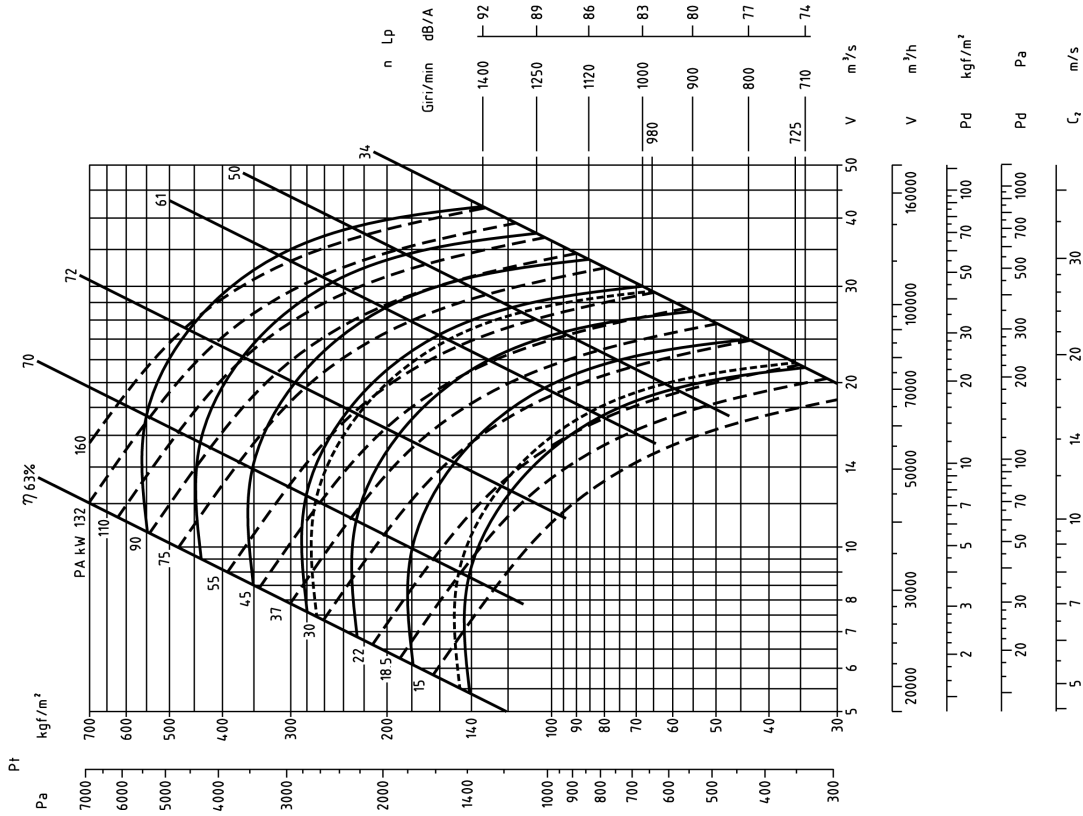
### FQP 1001 N1A



Giri massimi ammissibili  $\leq 100^{\circ}\text{C} = 1650$   $\text{PD}^2 = 84 \text{ kgf} \cdot \text{m}^2$   
 $101 \div 200^{\circ}\text{C} = 1450$   $J = 21 \text{ kg} \cdot \text{m}^2$   
 $201 \div 300^{\circ}\text{C} = 1250$

Densità fluido 1.226 kg/m<sup>3</sup>

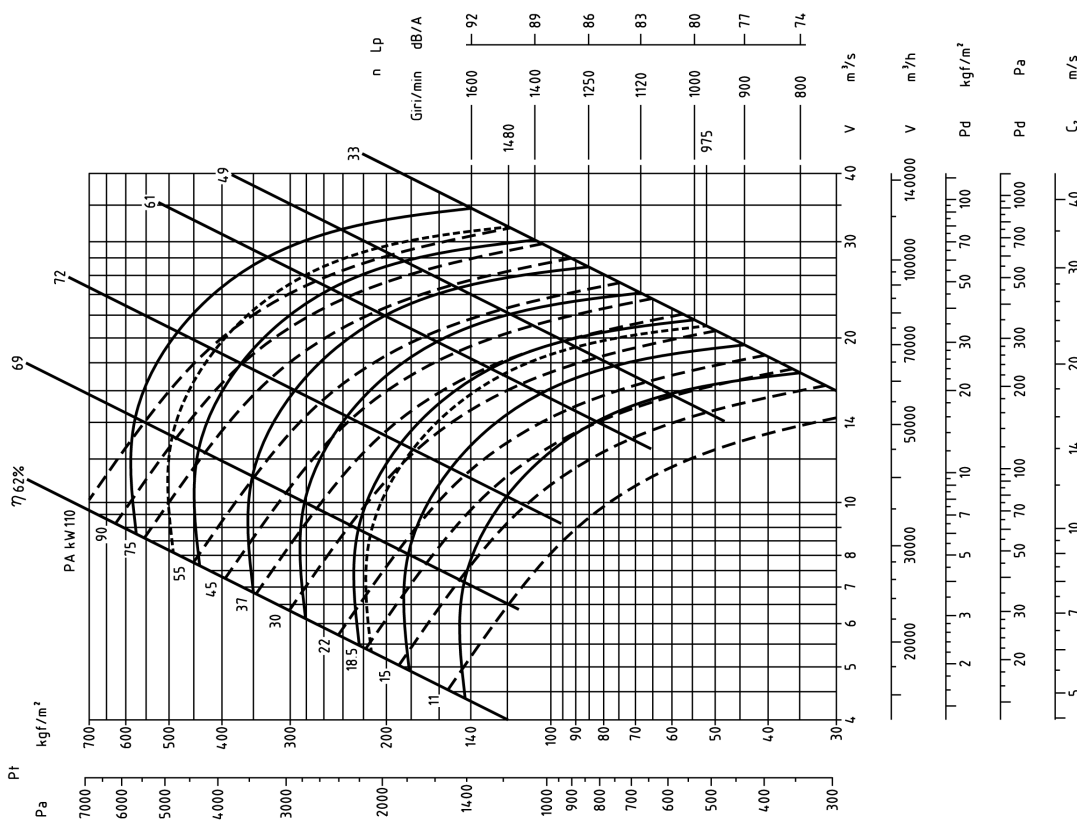
### FQP 1251 N1A



Giri massimi ammissibili  $\leq 100^{\circ}\text{C} = 1300$   $\text{PD}^2 = 184$   $\text{kgf} \cdot \text{m}^2$   
 $101 + 200^{\circ}\text{C} = 1170$   $J = 46$   $\text{kg} \cdot \text{m}^2$   
 $201 + 300^{\circ}\text{C} = 1050$

Densità fluido 1.226  $\text{kg}/\text{m}^3$

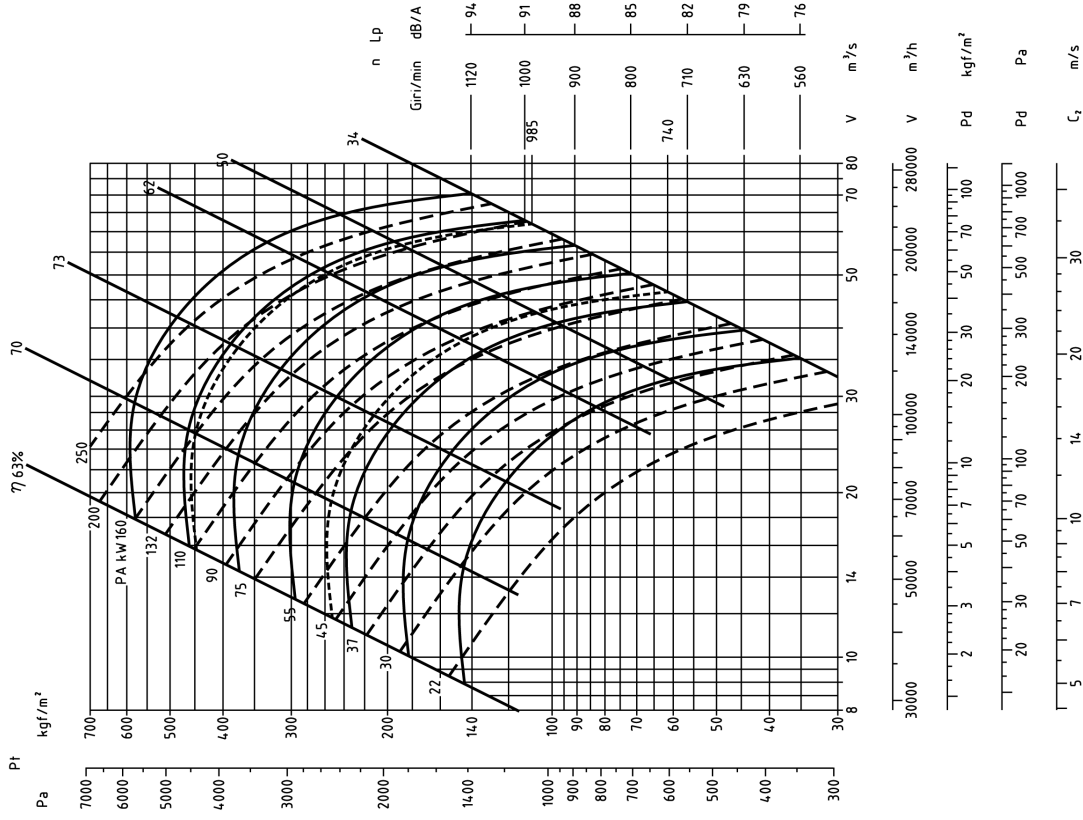
### FQP 1121 N1A



Giri massimi ammissibili  $\leq 100^{\circ}\text{C} = 1450$   $\text{PD}^2 = 105$   $\text{kgf} \cdot \text{m}^2$   
 $101 + 200^{\circ}\text{C} = 1300$   $J = 26$   $\text{kg} \cdot \text{m}^2$   
 $201 + 300^{\circ}\text{C} = 1170$

Densità fluido 1.226  $\text{kg}/\text{m}^3$

## FQP 1601 N1A

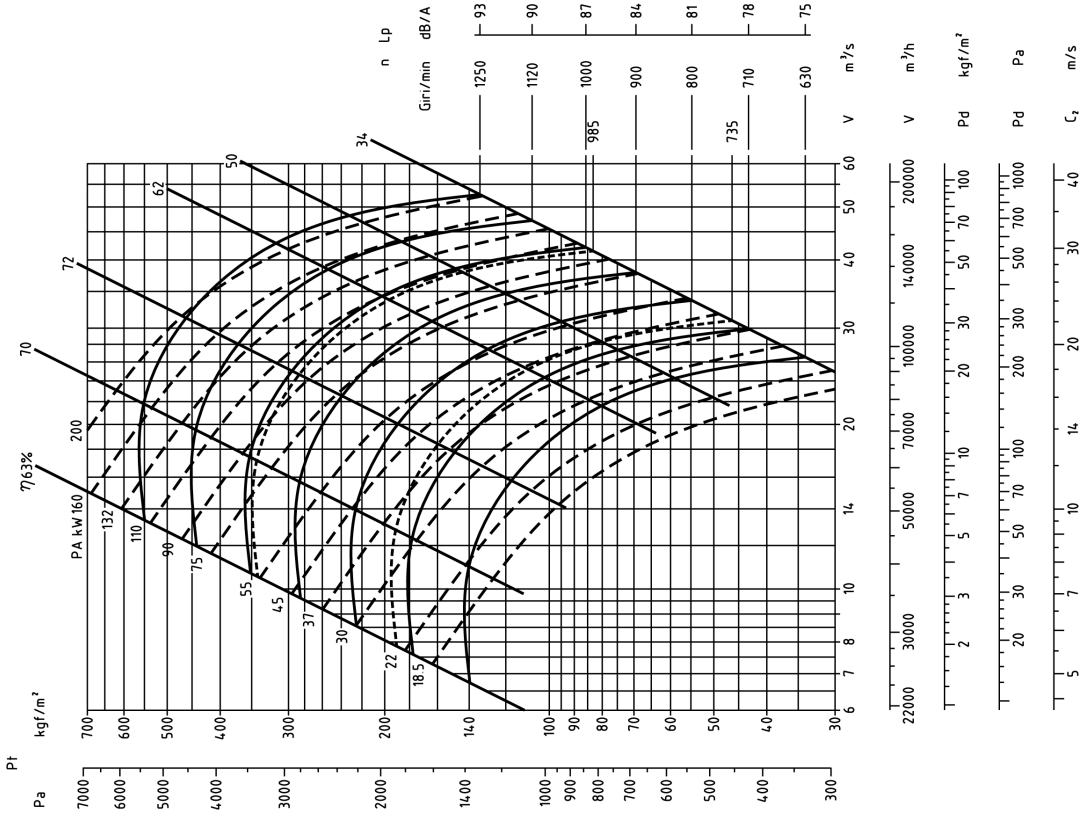


Giri massimi ammissibili

$\leq 100^{\circ}\text{C} = 1020$   $\text{PD}^2 = 560$   $\text{kgf} \cdot \text{m}^2$   
 $101 + 200^{\circ}\text{C} = 920$   $J = 140$   $\text{kg} \cdot \text{m}^2$   
 $201 + 300^{\circ}\text{C} = 820$

Densità fluido 1.226 kg/m<sup>3</sup>

## FQP 1401 N1A



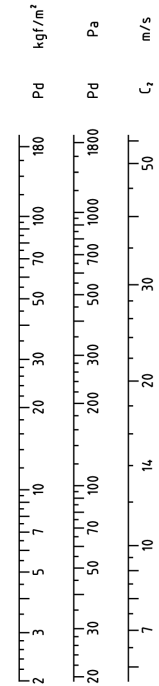
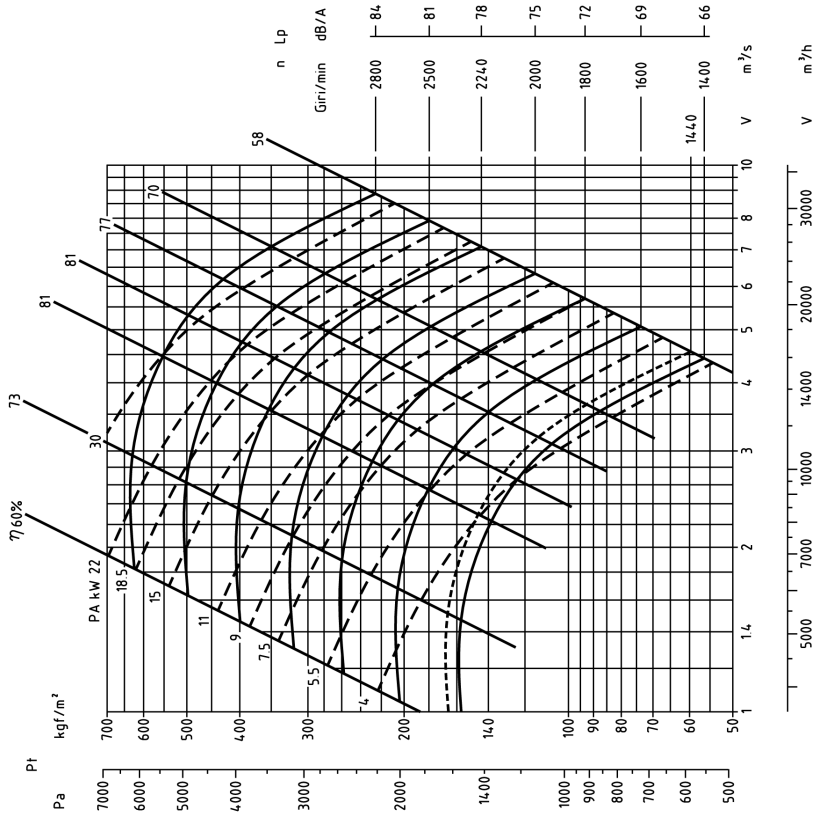
Giri massimi ammissibili

$\leq 100^{\circ}\text{C} = 1170$   $\text{PD}^2 = 312$   $\text{kgf} \cdot \text{m}^2$   
 $101 + 200^{\circ}\text{C} = 1050$   $J = 78$   $\text{kg} \cdot \text{m}^2$   
 $201 + 300^{\circ}\text{C} = 950$

Densità fluido 1.226 kg/m<sup>3</sup>



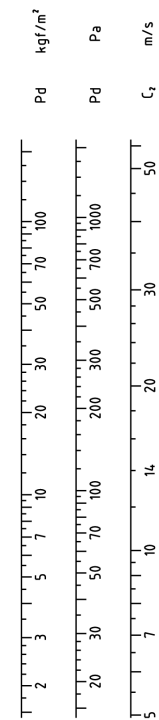
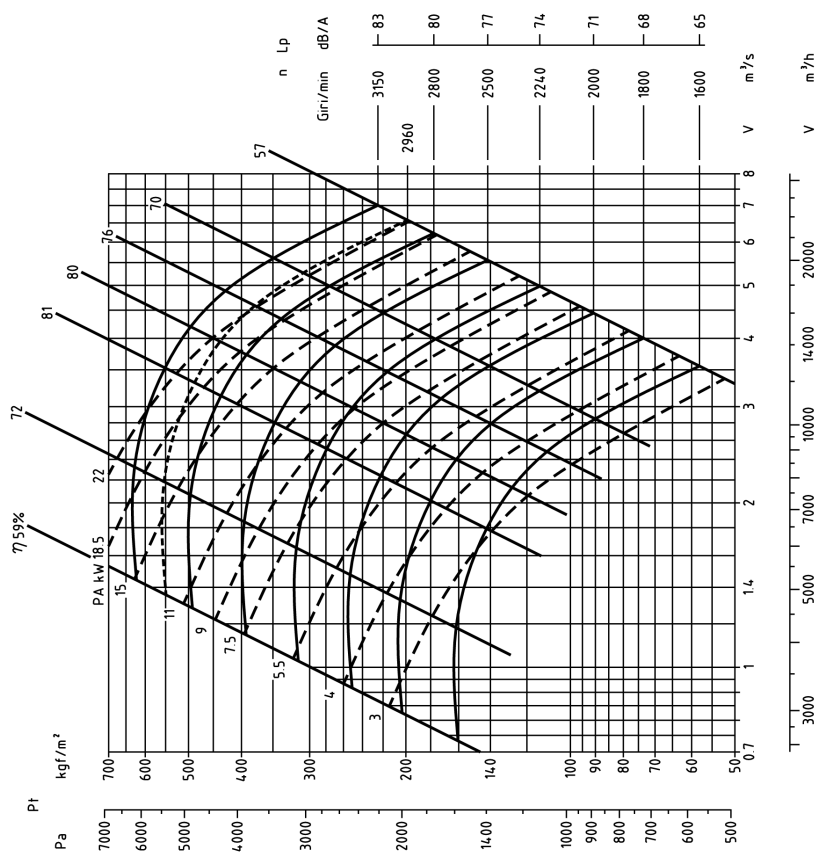
### FQL 631 N1A



Giri massimi ammissibili  $\leq 100^{\circ}\text{C} = 2500$   $\text{PD}^2 = 7.2$   $\text{kgf}\cdot\text{m}^2$   
 $101 \div 200^{\circ}\text{C} = 2240$   $J = 1.8$   $\text{kg}\cdot\text{m}^2$   
 $201 \div 300^{\circ}\text{C} = 2000$

Densità fluido 1.226  $\text{kg}/\text{m}^3$

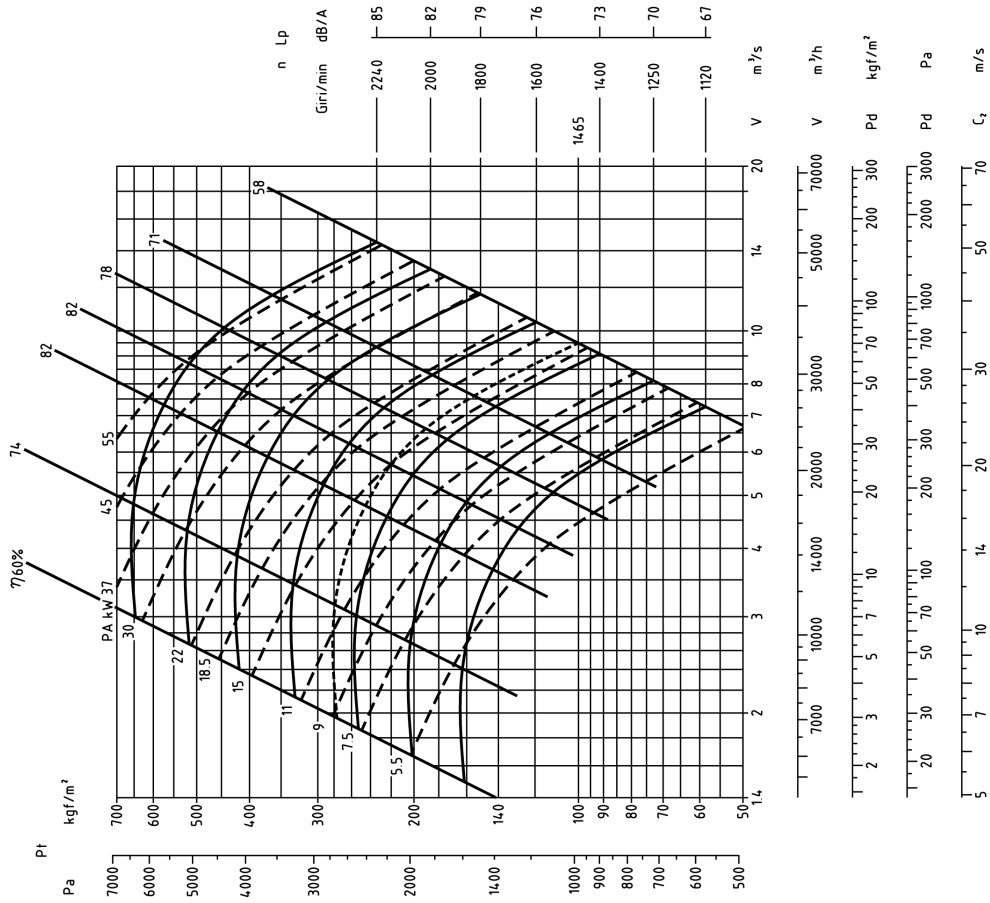
### FQL 561 N1A



Giri massimi ammissibili  $\leq 100^{\circ}\text{C} = 2800$   $\text{PD}^2 = 4.2$   $\text{kgf}\cdot\text{m}^2$   
 $101 \div 200^{\circ}\text{C} = 2500$   $J = 1$   $\text{kg}\cdot\text{m}^2$   
 $201 \div 300^{\circ}\text{C} = 2240$

Densità fluido 1.226  $\text{kg}/\text{m}^3$

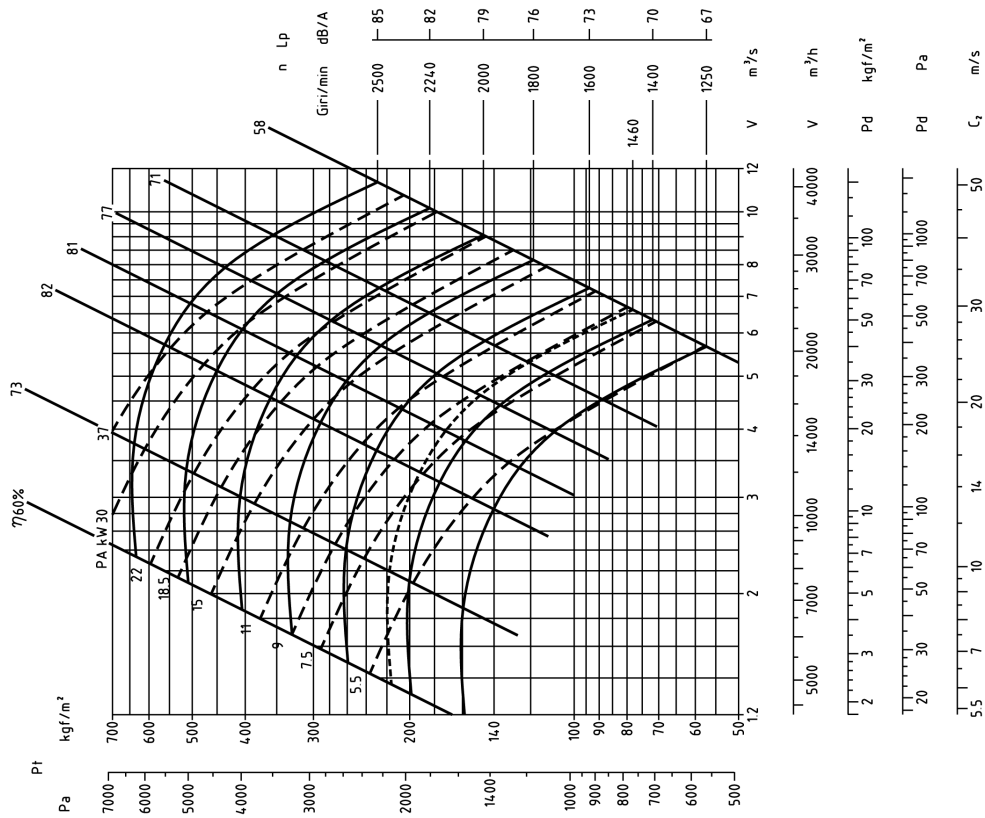
### FQL 801 N1A



Giri massimi ammissibili  $\leq 100^{\circ}\text{C} = 2000$   $\text{PD}^2 = 22.8 \text{ kgf} \cdot \text{m}^2$   
 $101 \div 200^{\circ}\text{C} = 1800$   $J = 5.7 \text{ kg} \cdot \text{m}^2$   
 $201 \div 300^{\circ}\text{C} = 1600$

Densità fluido 1.226 kg/m<sup>3</sup>

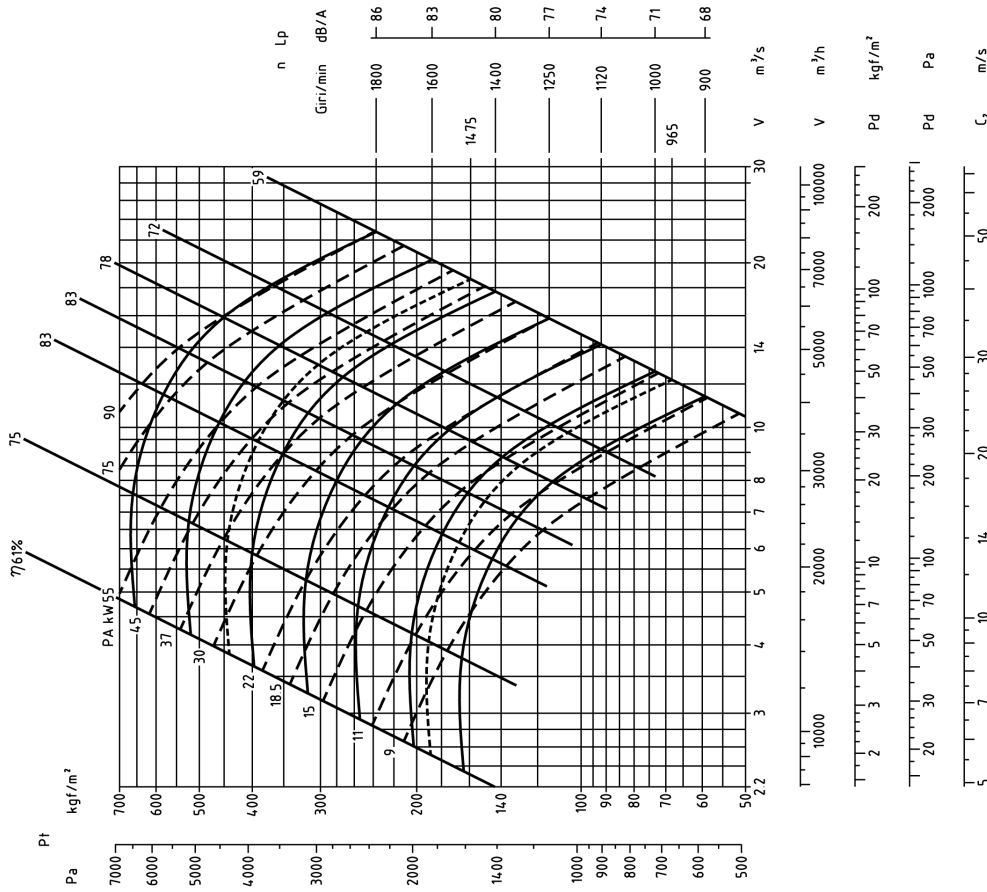
### FQL 711 N1A



Giri massimi ammissibili  $\leq 100^{\circ}\text{C} = 2240$   $\text{PD}^2 = 13.2 \text{ kgf} \cdot \text{m}^2$   
 $101 \div 200^{\circ}\text{C} = 2000$   $J = 3.3 \text{ kg} \cdot \text{m}^2$   
 $201 \div 300^{\circ}\text{C} = 1800$

Densità fluido 1.226 kg/m<sup>3</sup>

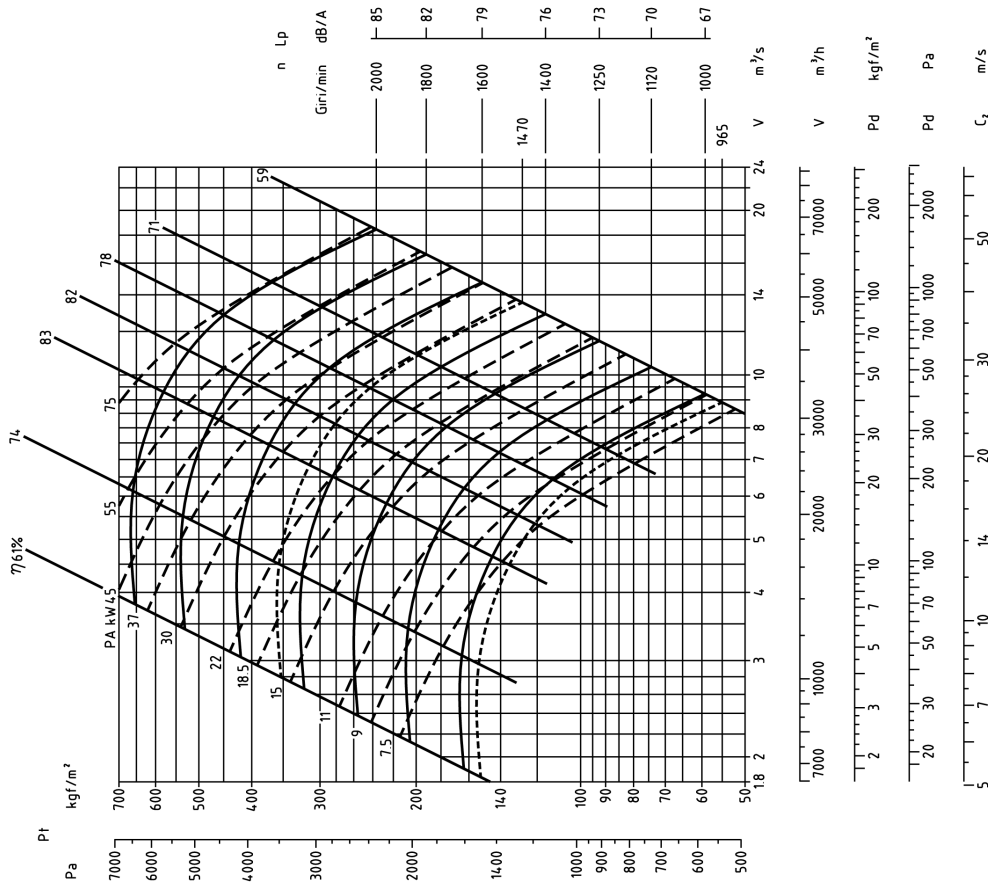
### FQL 1001 N1A



Giri massimi ammissibili  
 ≤ 100°C = **1600** PD<sup>2</sup>=**88** kgf·m<sup>2</sup>  
 101 + 200°C = **1400** J = **22** kg·m<sup>2</sup>  
 201 + 300°C = **1250**

Densità fluido 1.226 kg/m<sup>3</sup>

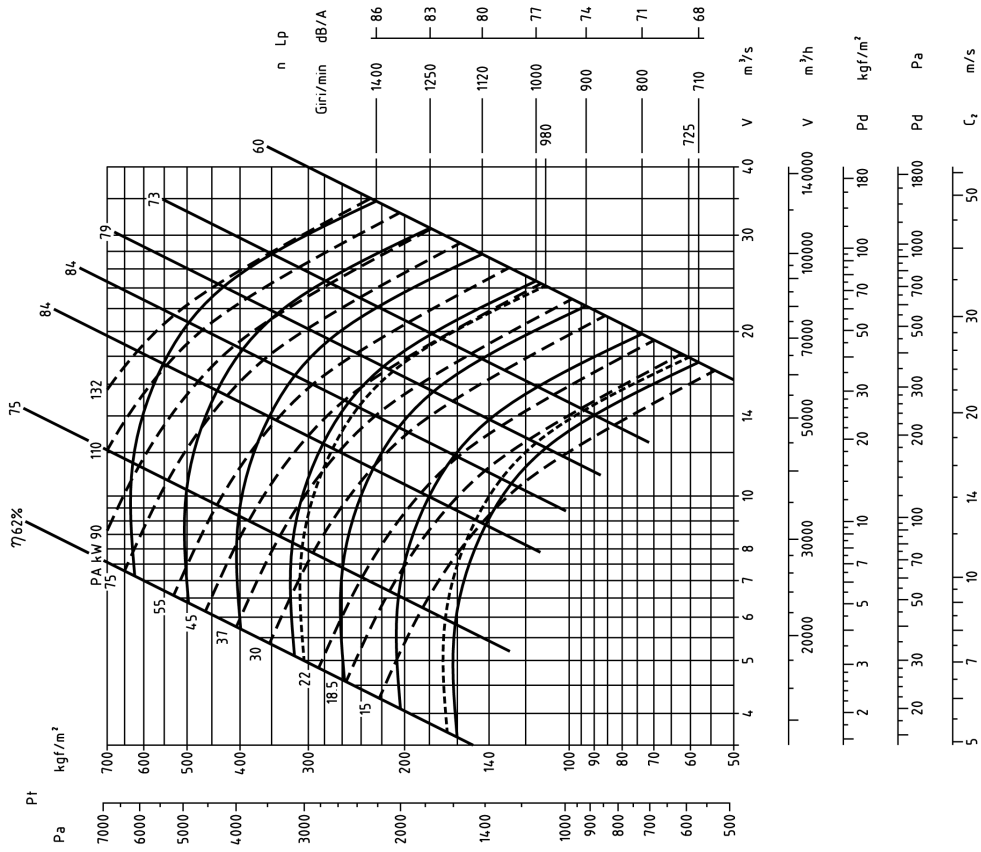
### FQL 901 N1A



Giri massimi ammissibili  
 ≤ 100°C = **1800** PD<sup>2</sup>=**46** kgf·m<sup>2</sup>  
 101 + 200°C = **1600** J = **11.5** kg·m<sup>2</sup>  
 201 + 300°C = **1400**

Densità fluido 1.226 kg/m<sup>3</sup>

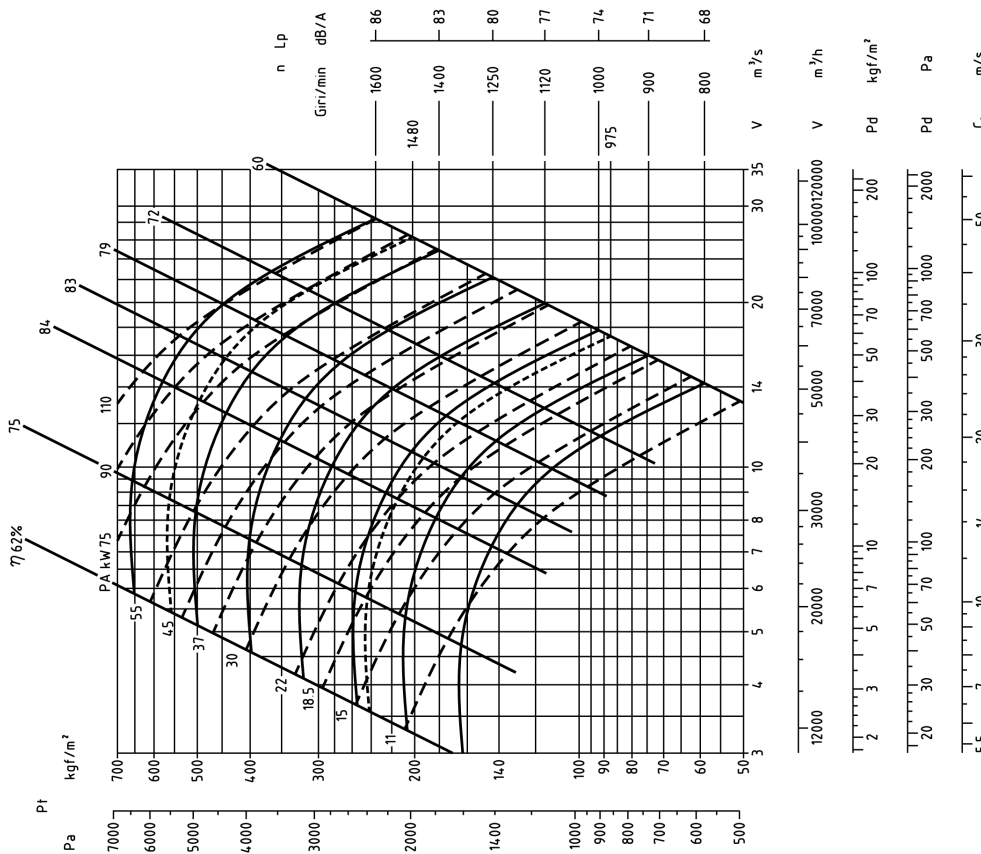
### FQL 1251 N1A



Giri massimi ammissibili  $\leq 100^{\circ}\text{C} = 1250$   $\text{PD}^2 = 198$   $\text{kgf} \cdot \text{m}^2$   
 $101 \div 200^{\circ}\text{C} = 1120$   $J = 49.5$   $\text{kg} \cdot \text{m}^2$   
 $201 \div 300^{\circ}\text{C} = 1000$

Densita` fluido 1.226 kg/m<sup>3</sup>

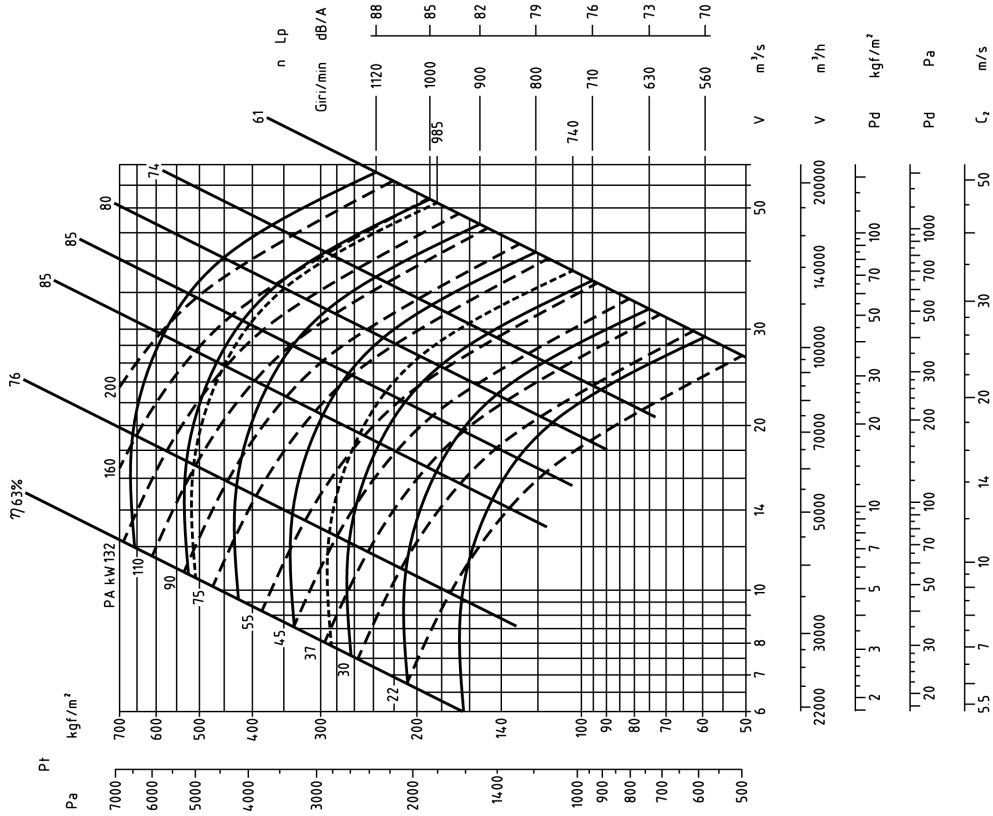
### FQL 1121 N1A



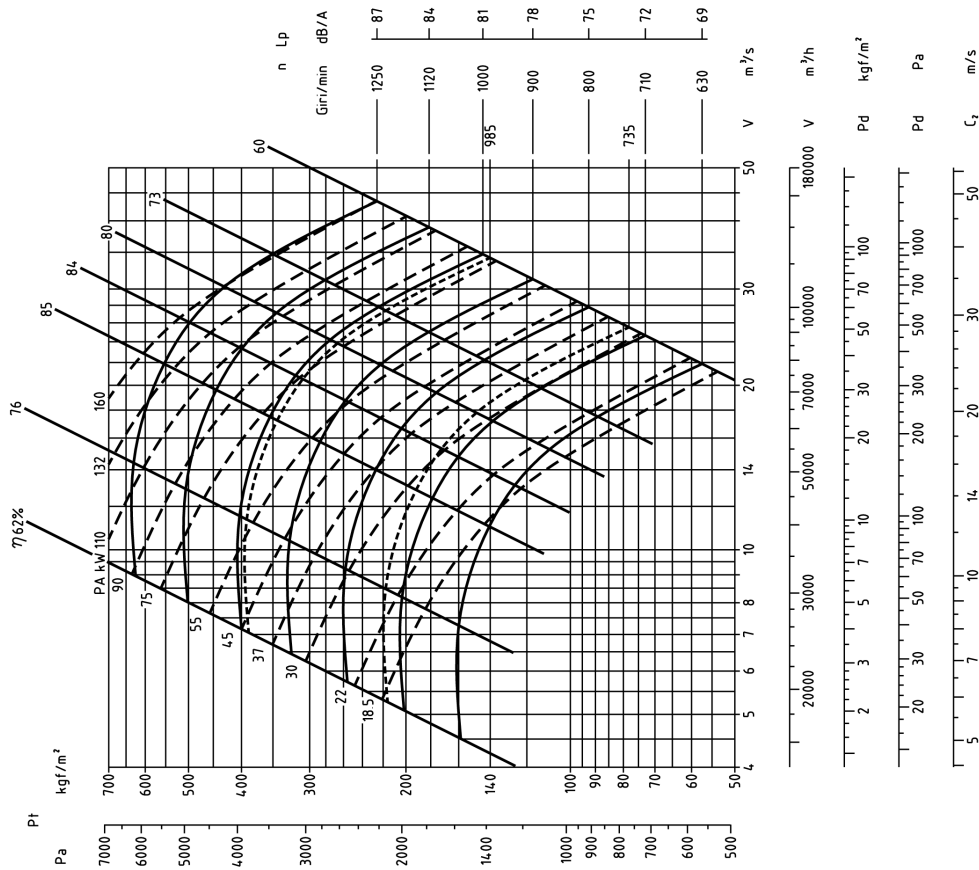
Giri massimi ammissibili  $\leq 100^{\circ}\text{C} = 1400$   $\text{PD}^2 = 114$   $\text{kgf} \cdot \text{m}^2$   
 $101 \div 200^{\circ}\text{C} = 1250$   $J = 28.5$   $\text{kg} \cdot \text{m}^2$   
 $201 \div 300^{\circ}\text{C} = 1120$

Densita` fluido 1.226 kg/m<sup>3</sup>

### FQL 1601 N1A



### FQL 1401 N1A



Giri massimi ammissibili  $\leq 100^{\circ}\text{C} = 1000$   $\text{PD}^2 = 612$   $\text{kgf} \cdot \text{m}^2$   
 $101 \div 200^{\circ}\text{C} = 900$   $J = 153$   $\text{kg} \cdot \text{m}^2$   
 $201 \div 300^{\circ}\text{C} = 800$

Densità fluido 1.226  $\text{kg}/\text{m}^3$

Giri massimi ammissibili  $\leq 100^{\circ}\text{C} = 1120$   $\text{PD}^2 = 334$   $\text{kgf} \cdot \text{m}^2$   
 $101 \div 200^{\circ}\text{C} = 1000$   $J = 83$   $\text{kg} \cdot \text{m}^2$   
 $201 \div 300^{\circ}\text{C} = 900$

Densità fluido 1.226  $\text{kg}/\text{m}^3$





NOTE:

Lined writing area consisting of 25 horizontal lines.





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