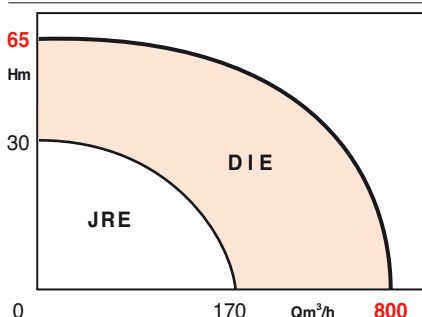


PLAGES D'UTILISATION

Débits jusqu'à :	800 m³/h
Hauteurs mano. jusqu'à :	65 m
Pression de service maxi :	13 bar jusqu'à +140°C
	16 bar jusqu'à +120°C
Plage de température :	-20° à +140°C
Température ambiante maxi :	+40°C
DN orifices :	40 à 200



AVANTAGES

- **ÉCONOMIES D'ÉNERGIE**
 - Optimisation du point de fonctionnement des pompes.
 - Economies d'énergie jusqu'à 50% par rapport à des pompes traditionnelles.
- **MAÎTRISE DU BRUIT**
 - Suppression du sifflement et du bruit au niveau des robinets thermostatiques.
 - Adaptation automatique de la vitesse aux besoins du confort.
- **FIABILITÉ**
 - Le fonctionnement entièrement automatique ne nécessite ni entretien ni purge du capteur.
 - Module électronique équipé d'une mémoire non volatile pour le stockage des données, protection des consignes en cas de coupure de courant.
 - Indice de protection IP 55 pour l'ensemble moteur/module en cas d'environnement poussiéreux et humide.
- **SIMPLICITÉ**
 - Un seul bouton pour le choix des fonctions et le réglage des consignes.
 - Paramètres toujours visibles sur écran LCD.

DIE

POMPES EN LIGNE À RÉGULATION ÉLECTRONIQUE

Chauffage - Climatisation

50 Hz

APPLICATIONS

Pompes destinées à faire circuler de l'eau froide ou chaude sans résidus abrasifs dans des installations de chauffage, d'eau froide et glacée, ainsi que dans des installations d'irrigation.

En cas d'utilisation d'additifs, comme par exemple du glycol ou de l'huile, vérifier si les joints sont adaptés et si une correction du débit est nécessaire (pour un ajout de glycol à partir de 20% vol.).

• Liquides pompés admis :

- Eau de chauffage selon VDI 2035
- Eau de refroidissement et froide
- Mélanges eau/glycol ¹⁾
- Huile caloporteuse ²⁾
- Autres liquides sur demande ³⁾

Caractéristiques

Vitesse : 2 pôles : 750-2900 tr/mn
4 pôles : 380 - 1450 tr/mn.

Réglage de puissance en continu.

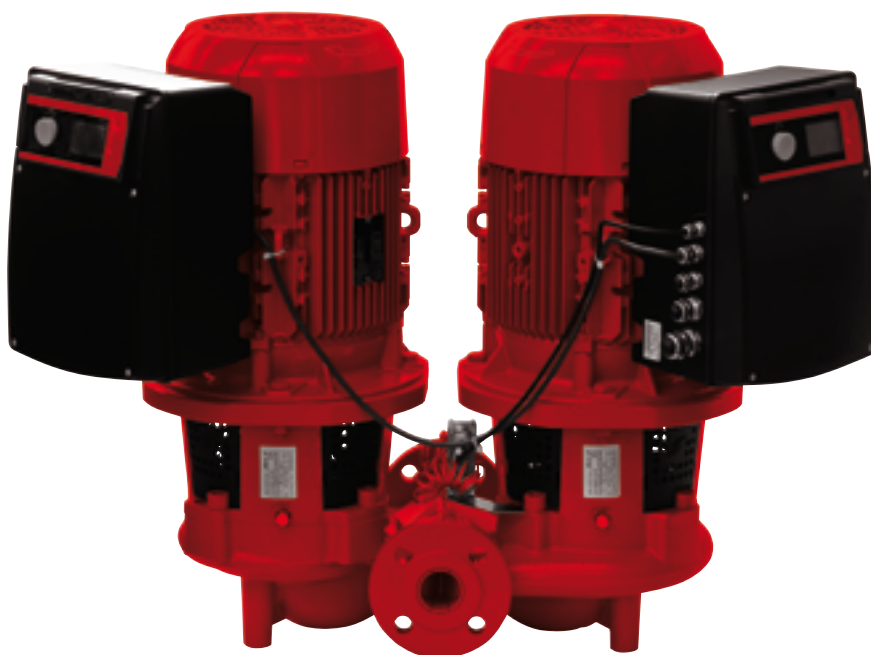
1) Pour 20 - 40 % vol. de glycol et une température du liquide ≤ 40° C

2) Modèle spécial contre supplément de prix

3) Modèle spécial contre supplément de prix



VEV



DIE

CONSTRUCTION

• Partie hydraulique

- Pompe centrifuge basse pression monocellulaire, de construction inline, avec brides d'aspiration et de refoulement de même diamètre nominal, avec moteur standard IEC refroidi par air.
- Brides alésées PN 16 selon EN 1092-2.
- Raccords de manomètre G 1/8 utilisés pour le capteur de pression différentielle incorporé.
- Le corps de la pompe est équipé de bossages en série et prévu pour une pression de service maximale de 16 bar.
- L'accouplement de l'arbre du moteur est rigide.
- Le corps et la roue fermée sont en fonte grise.
- La garniture mécanique d'étanchéité, sans maintenance et indépendante du sens de rotation, est adaptée à de l'eau pure jusqu'à 140°C et à des mélanges eau/glycol jusqu'à 40% vol. et une température maximale égale à 40°C¹⁾.
- Matériaux et garnitures d'étanchéité spéciaux disponibles pour d'autres utilisations.

• Moteur

Moteur de classe IE2

Protection thermique intégrée par sonde de température CTP dans toutes les bobines du moteur (thermistance).

- Moteur triphasé à rotor en court-circuit
- Vitesse : 2 pôles : 750-2900 tr/min
- 4 pôles : 380-1450 tr/min.

Tension : 3~400 V, 50 Hz
3~380 V, 60 Hz

Indice de protection : IP 55
Classe d'isolation : 155 (F)
Conformité CEM : EN 61800-3
Différentiel de protection (FI)

Les disjoncteurs différentiels FI de modèle "tous courants" sélectifs sont admis (courant de fuite > 300 mA).

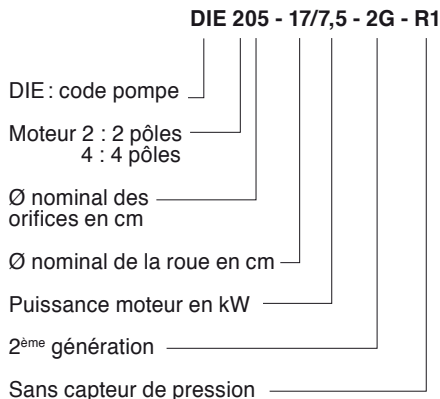
Sigle FI 

CONSTRUCTION DE BASE

Pièces principales	Matériau
Corps de pompe	EN-GJL 250 ²⁾
Roue	EN-GJL 200 ³⁾
	G-CuSn 10 ⁴⁾
Lanterne	EN-GJL 250
Arbre	1,4122/X39CrMo17-1
Garniture mécanique d'étanchéité	Graphite/Carbure Si/EP

* Autres garnitures mécaniques, d'étanchéité⁵⁾ sur demande.

IDENTIFICATION



ÉQUIPEMENTS

- **Mode de régulation Δ P-c** pour pression différentielle constante sur la pompe
- **Mode de régulation Δ P-v** pour pression différentielle variable sur la pompe
- **Réglages de la vitesse par signal (0-10V, 2-10V, 0-20mA, 4-20mA)** pour raccordement à une unité externe GTC
- Commande manuelle de la vitesse
- **Régulation PID** : régulation grandeur constante avec réglage de la boucle d'asservissement PID.
- Display graphique
- Voyant de signalisation des défauts
- Touche de remise à zéro en cas de défaut
- Signal de fonctionnement centralisé hors tension (contact de travail)
- Signal de défaut centralisé (contact repos)
- Marche/Arrêt externe
- Entrée "analogique 0... 10V**"

MONTAGE

Montage direct sur tuyauterie horizontale (ou verticale jusqu'à 15 kW maxi) ou sur massif. Le montage avec moteur ou module vers le bas est interdit. Prévoir un espace pour le démontage du moteur, de la lanterne et de la roue.

Montages possibles

- Sur tuyauterie
 - Sur console⁶⁾
- Raccords de tuyaux de manomètre
Brides selon PN 16/EN 1092-2

PARTICULARITÉS

• Conditionnement

La pompe, l'emballage et le manuel de montage et d'utilisation sont compris dans la livraison.

• Accessoires

- Consoles pour montage sur socle
- Module IF (ModBUS, LON, BACnet S/TP, CAN, interface numérique PLR)⁷⁾
- Kit Salmson Pump Control de pilotage à distance par infrarouge des pompes électroniques Salmson

1) pour 20 - 40 % vol. de glycol et une température du liquide ≤ 40°

2) anciennement Ft 25, traité anticorrosion

3) anciennement Ft 20

4) Modèle spécial contre supplément de prix

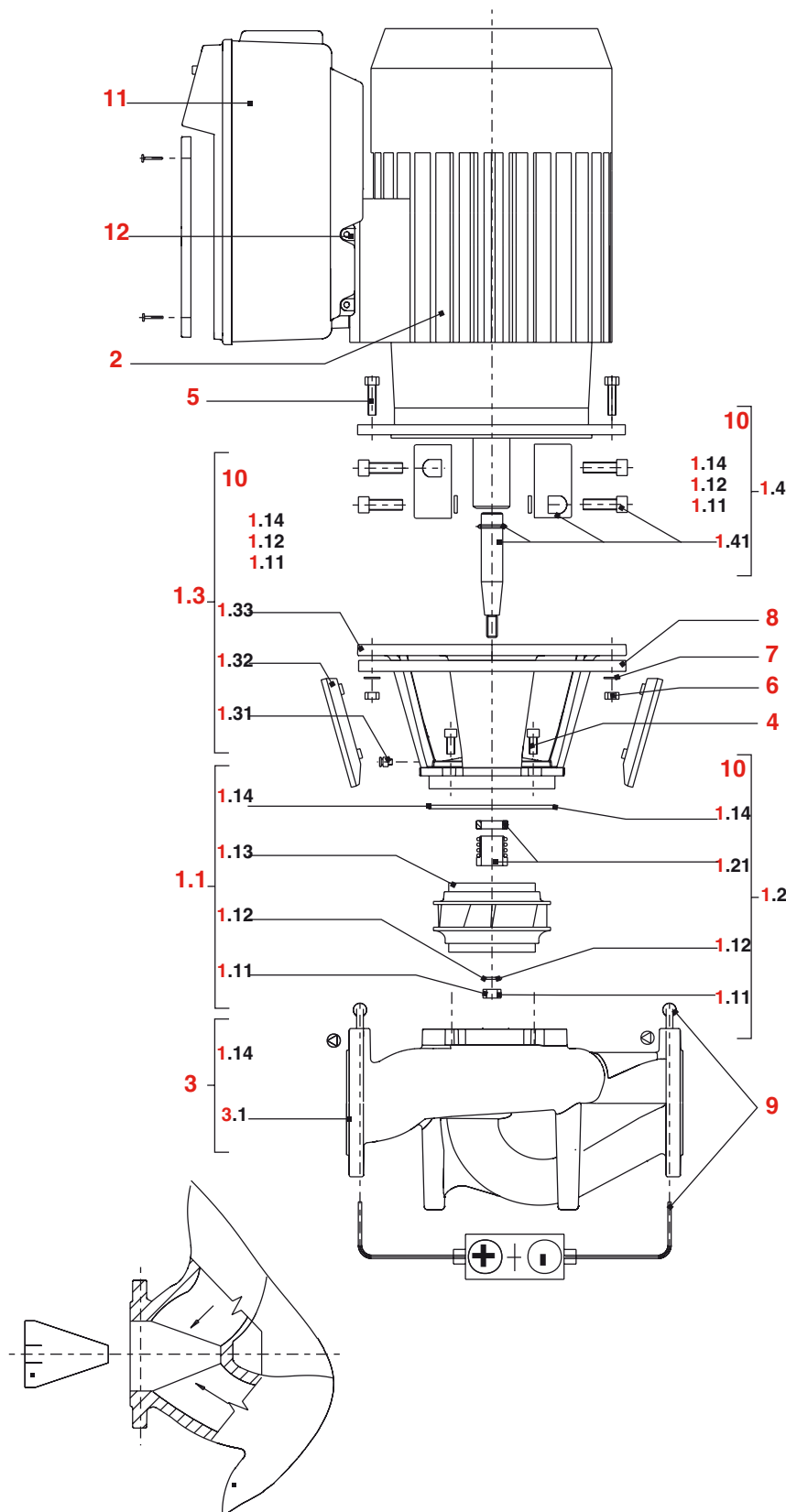
5) par exemple pour des mélanges eau/glycol différents de 1)

6) Modèle spécial contre supplément de prix

7) Voir table de fonctions

DIE

PLAN-COUPE DE PRINCIPE



- 1.1 Jeu de pièces détachées avec
 - 1.11 Ecou
 - 1.12 Rondelle
 - 1.13 Roue
 - 1.14 Joint torique
- 1.2 Jeu de pièces détachées garniture mécanique avec
 - 1.21 Garniture mécanique complète
- 1.3 Jeu de pièces détachées lanterne avec
 - 1.31 Purgeur d'air
 - 1.32 Protecteur d'accouplement
 - 1.33 Lanterne
- 1.4 Jeu de pièces détachées arbre avec
 - 1.41 Accouplement + arbre
 - 1.5 Accouplement complet
- 2. Moteur
- 3. Corps de pompe complet avec
 - 3.1 Corps de pompe
- 4. Vis de fixation pour lanterne/pompe
- 5. Vis de fixation pour moteur/lanterne
- 6. Ecou pour fixation moteur/lanterne
- 7. Rondelle pour fixation moteur/lanterne
- 8. Bague d'adaptation moteur DN 100.
- 9. Indicateur de pression différentielle
- 10. Outil
- 11. Module
- 12. Adaptateur.

DIE

MODULE IF

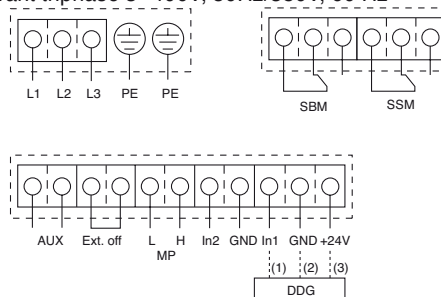
Module IF enfichable complémentaire pour pompes à régulation électronique de la série DIE (un seul module est nécessaire), permettant les fonctions supplémentaires suivantes (un seul module nécessaire) :

- interface pour BUS de communication (ModBUS, LON, BACnet S/TP, CAN, interface numérique PLR) pour raccordement au système domotique.



SCHÉMA DE BRANCHEMENT

Courant triphasé 3~400V, 50Hz/380V, 60 Hz



Valeurs admissibles des contacts secs de Marche et Défaut :

- min. 12 V DC/ 10 mA
- max. 250 V AC/1 A

L1,L2,L3,PE : raccordement au réseau 3~400V - 50 Hz – 3~380V - 60 Hz

SSM : contact sec report défaut

SBM : contact sec report de marche

AUX : permutation de la pompe externe (uniquement pour les pompes doubles). Via un contact extérieur, une permutation de la pompe peut être effectuée (24 V CC/10 mA)

Ext. Off : Marche/Arrêt à distance

MP : gestion pompe double (ou 2 simples)

(3) : +24 V (sortie) pour alimentation capteur extérieur - I_{max} : 60 mA

(2) : masse (⊥) capteur

(1) : 0 - 10 V (entrée) du capteur incorporé ou capteur externe (GTC)

4...20 mA : signal analogique 4-20 mA (entrée) pour commande externe (GTC)

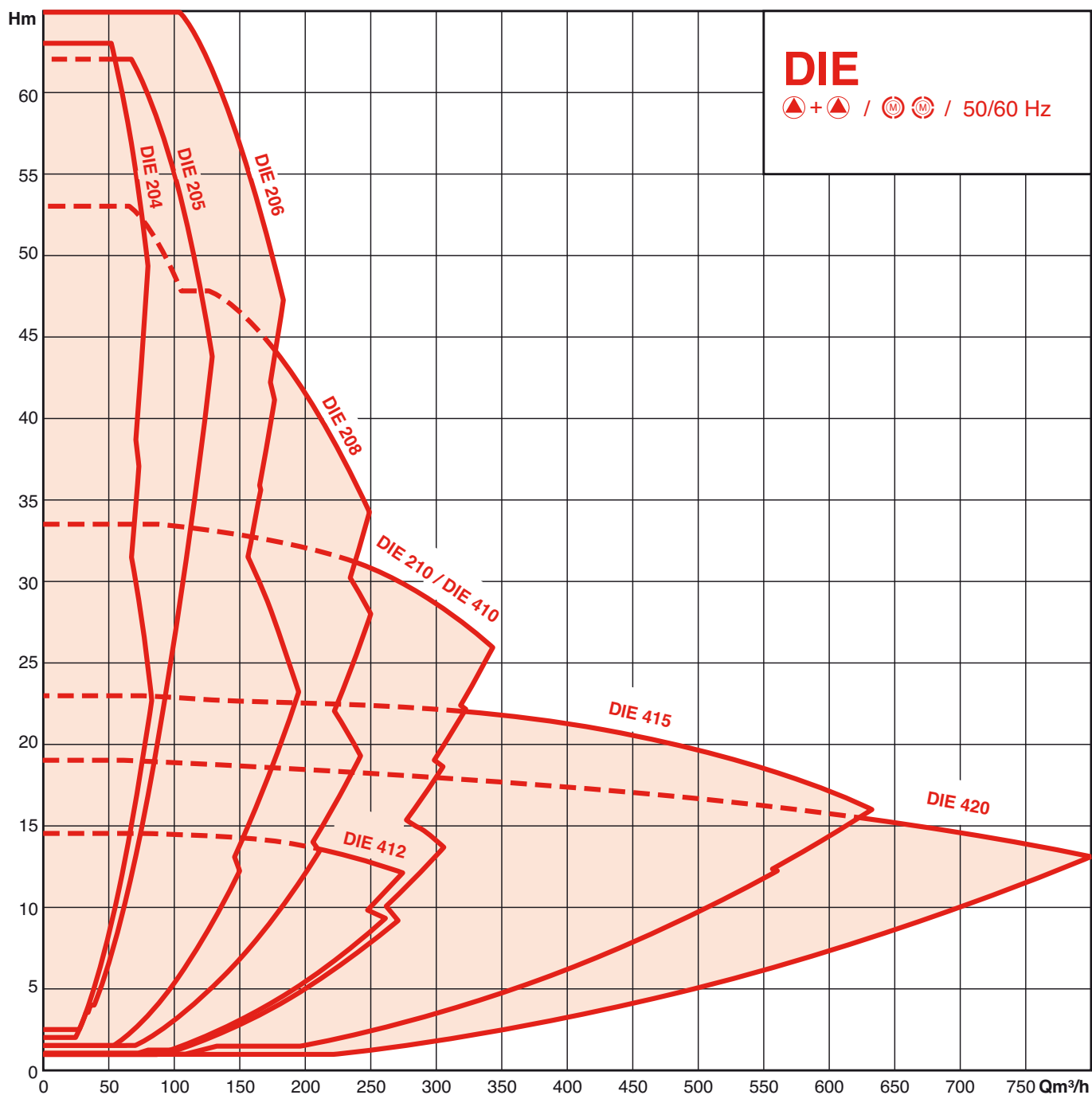
TABLE DE FONCTIONS DIE

Modes de fonctionnement	
Δp-c pour pression différentielle constante	•
Δp-v pour pression différentielle variable	•
Mode réglage (n = constant)	•
Commande manuelle	
Bouton unique et écran	•
Fonctions manuelles	
Réglage de la consigne de pression différentielle	•
Réglage de la vitesse de rotation (mode réglage)	•
Réglage du mode de fonctionnement	•
Réglage pompe marche/arrêt	•
Configuration de tous les paramètres de fonctionnement	•
Acquittement des défauts	•
Fonctions de commande externes	
Entrée de commande « Priorité Off »	•
Entrée de commande « Permutation des pompes externe » (uniquement active en mode double pompe)	•
Entrée de commande « Analog In 0 ... 20 mA » (modification à distance de la vitesse)	•
Entrée de commande « Analog In 0 ... 10 V » (modification à distance de la vitesse)	•
Entrée analogique 0-10 V pour le signal valeur réelle du capteur de pression	•
Entrée analogique 2-10 V, 0-20 mA, 4-20 mA pour signal valeur réelle du capteur de pression	•
Signalisation et affichage	
Message de défauts centralisé (contact de report sec)	•
Message de marche centralisé avec le kit Salmson Pump Control (clef USB à brancher sur PC portable)	•
Echange de données	
Interface infrarouge pour l'échange de données sans fil avec Salmson Pump control	•
Emplacement pour modules IF (Modbus, BACnet, CAN, PLR, LON) pour la connexion à la gestion technique centralisée	•
Fonctions de sécurité	
Protection moteur intégrale avec déclencheur électronique intégré	•
Verrouillage d'accès	•
Pilotage pompes doubles (pompe double ou 2 pompes simples)	
Mode de fonctionnement principal/de réserve (permutation automatique en cas de défaut)	•
Mode de fonctionnement principal/de réserve permutation des pompes au bout de 24 heures	•
Marche parallèle	•
Marche parallèle (avec optimisation du rendement en fonction des besoins)	•

• = fourni, = non fourni

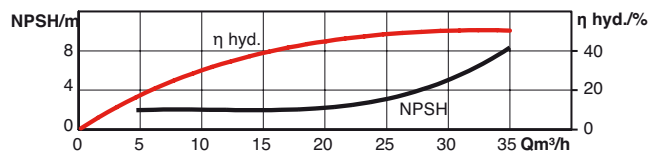
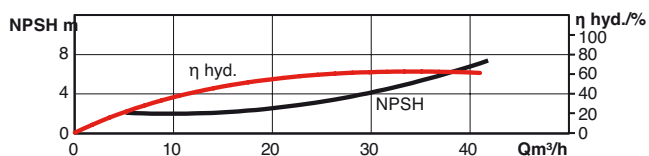
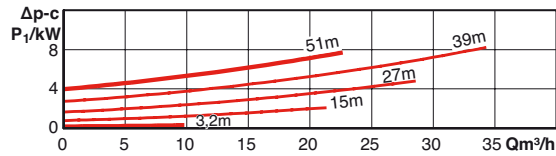
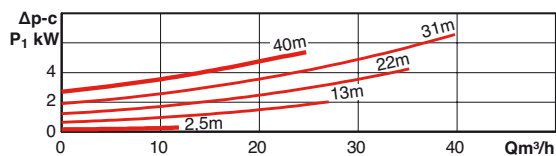
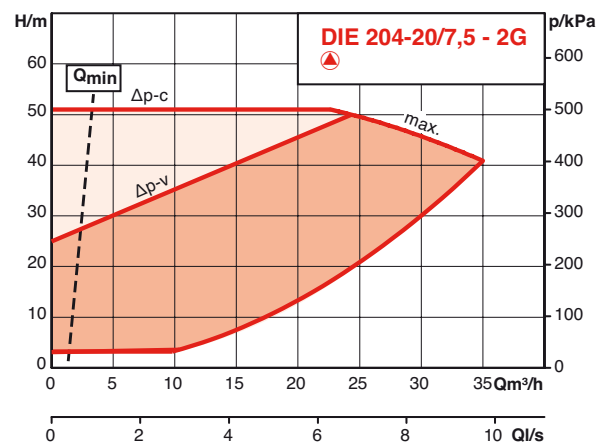
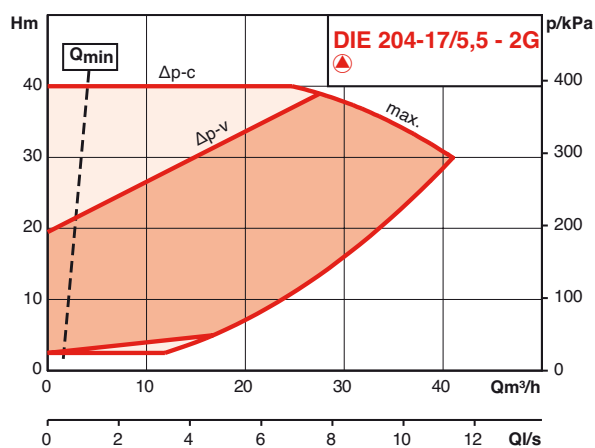
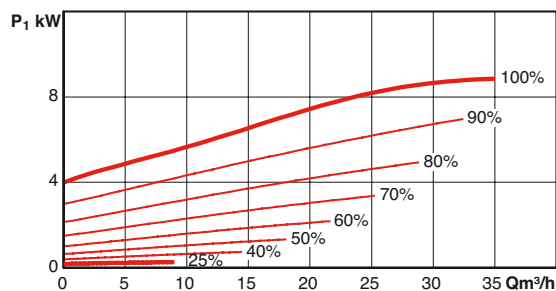
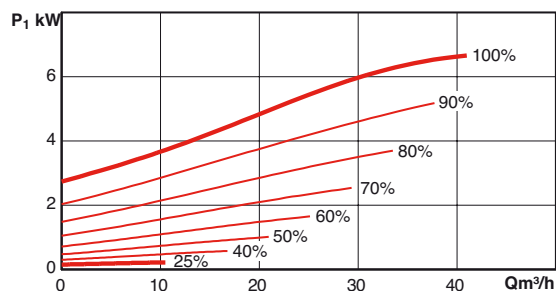
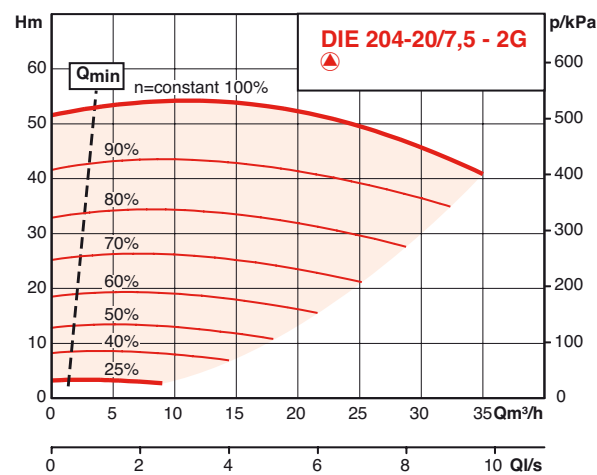
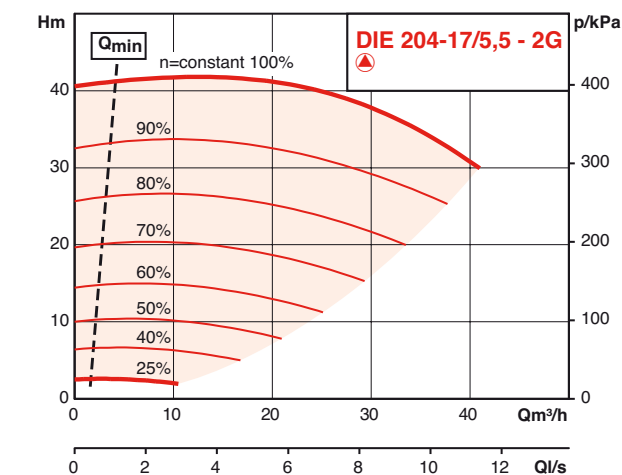
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ABaque GÉNÉRAL DE PRÉSÉLECTION - 2 ET 4 PÔLES - 50HZ



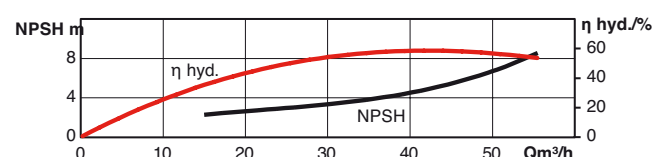
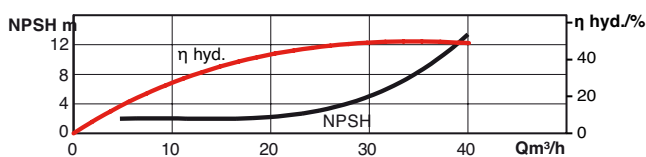
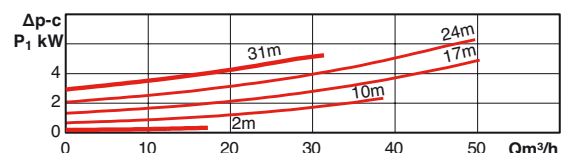
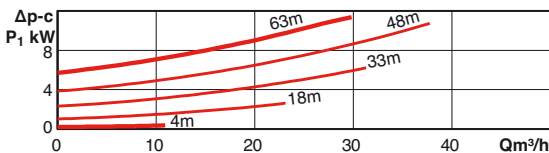
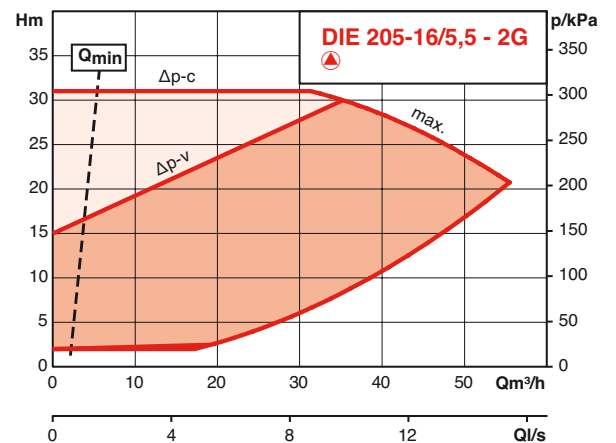
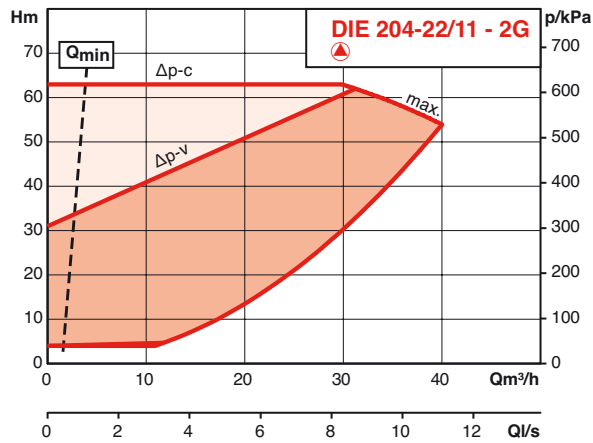
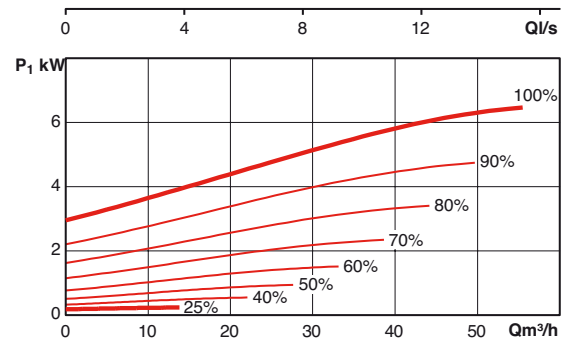
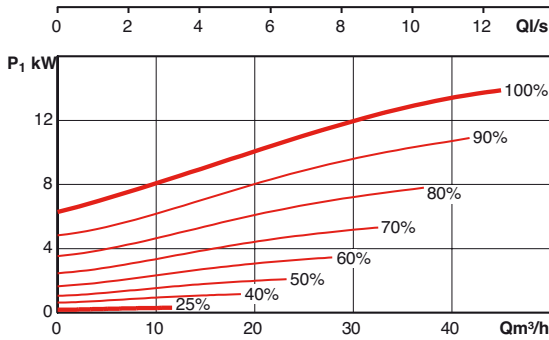
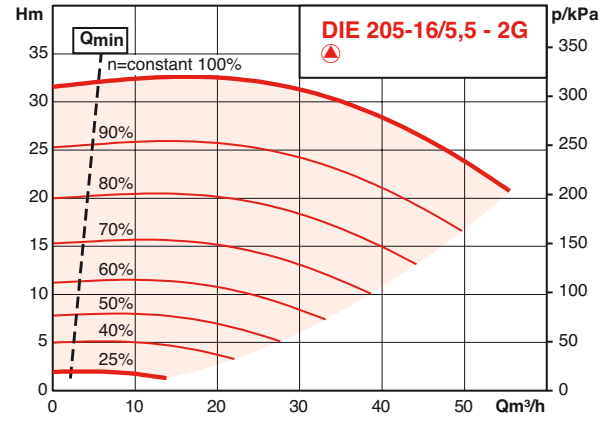
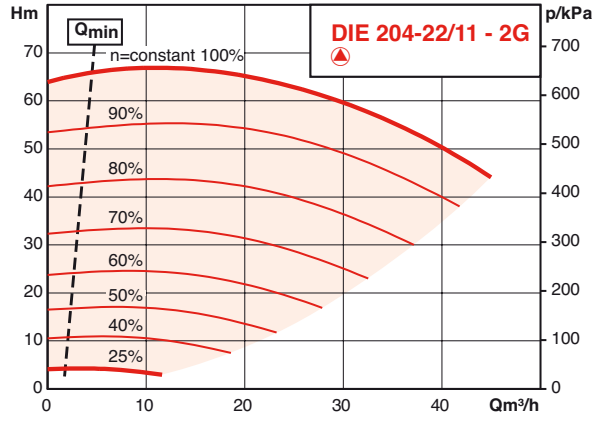
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PERFORMANCES HYDRAULIQUES - FONCTIONNEMENT EN MODE NORMAL / SECOURS



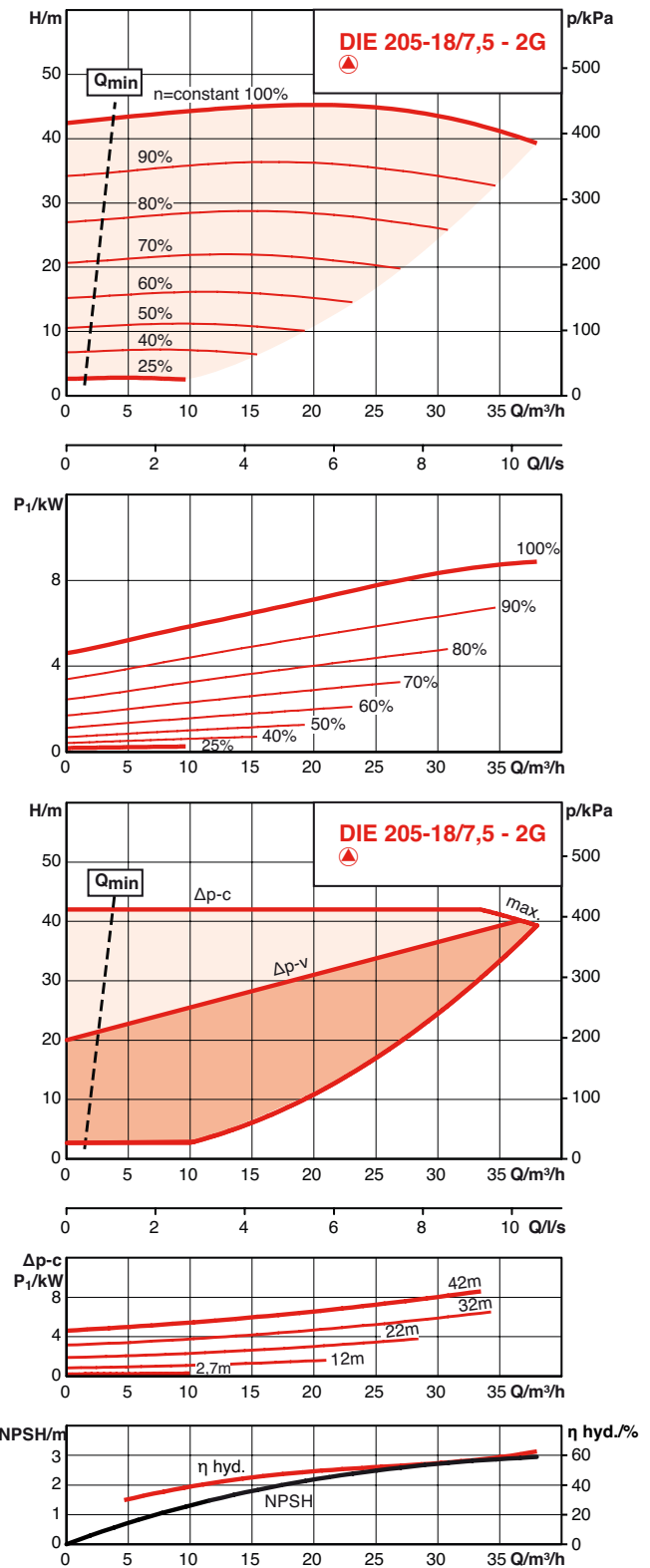
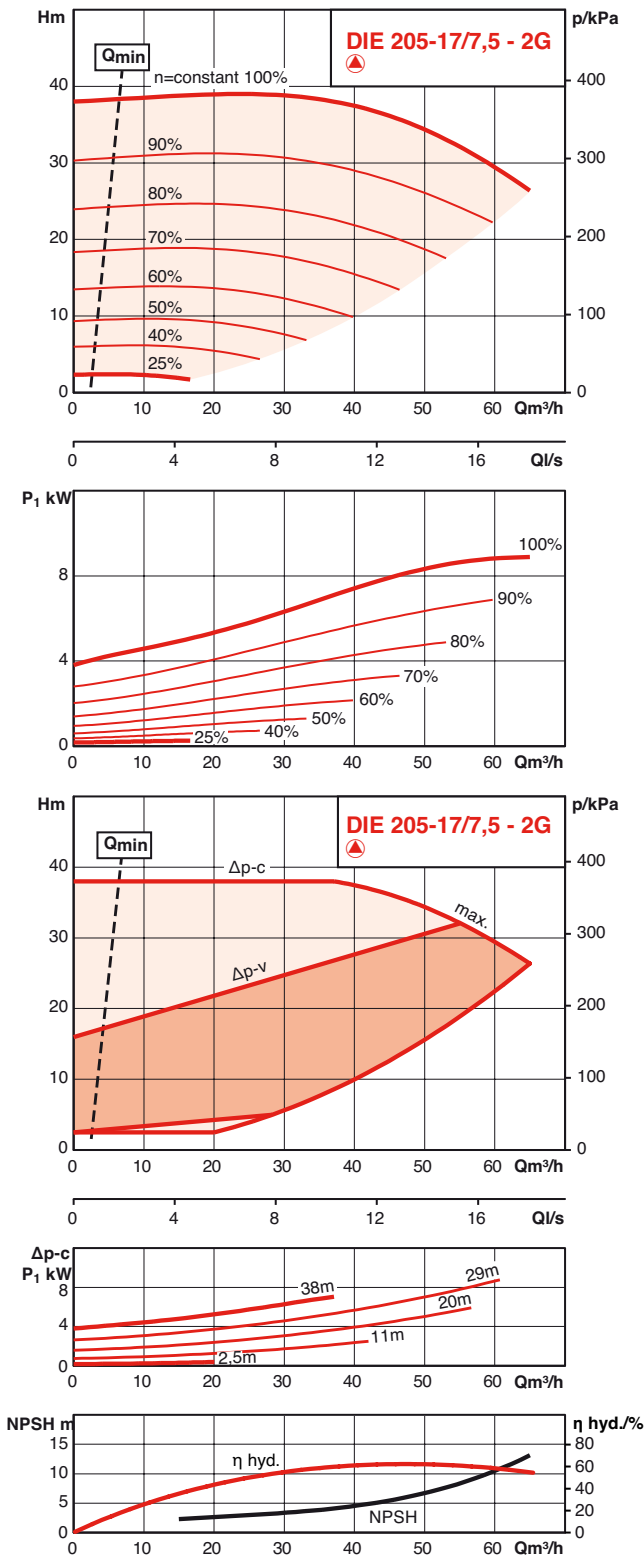
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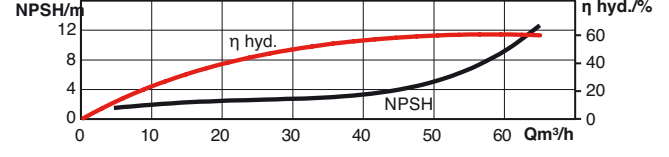
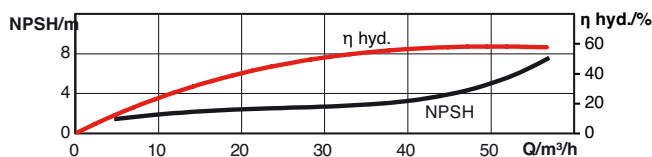
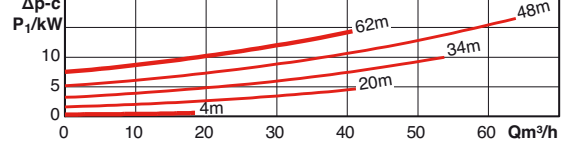
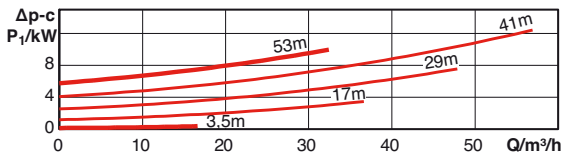
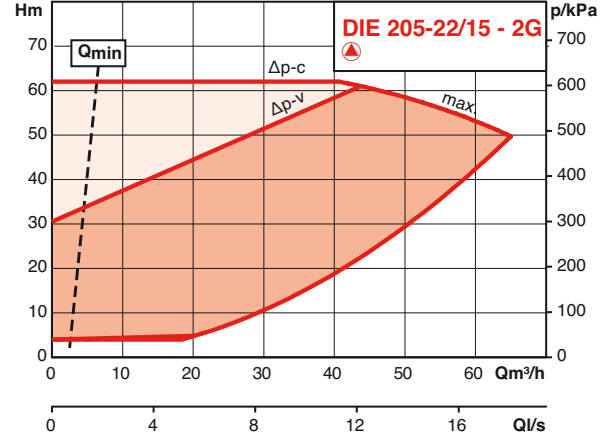
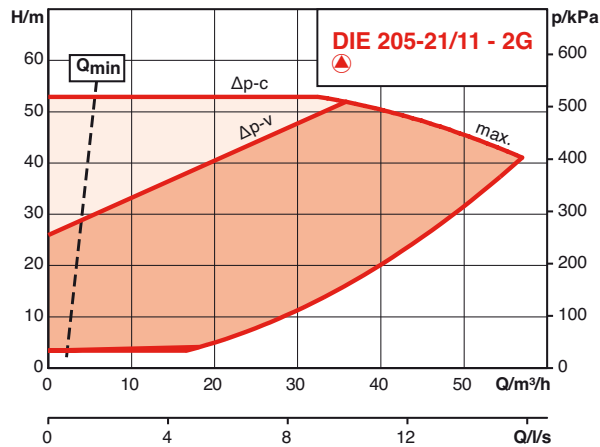
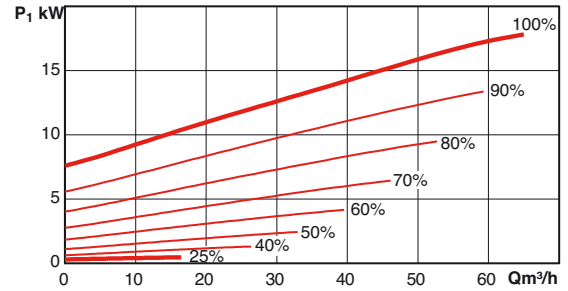
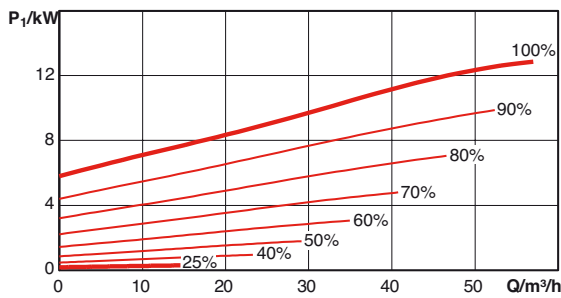
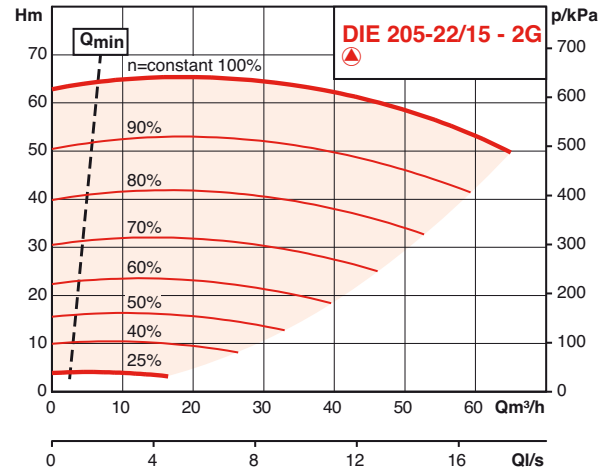
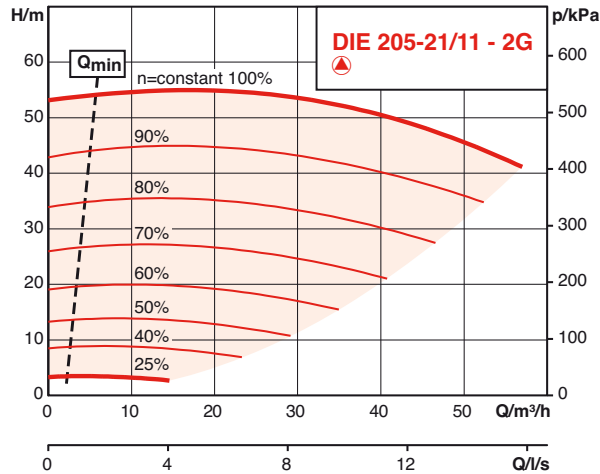
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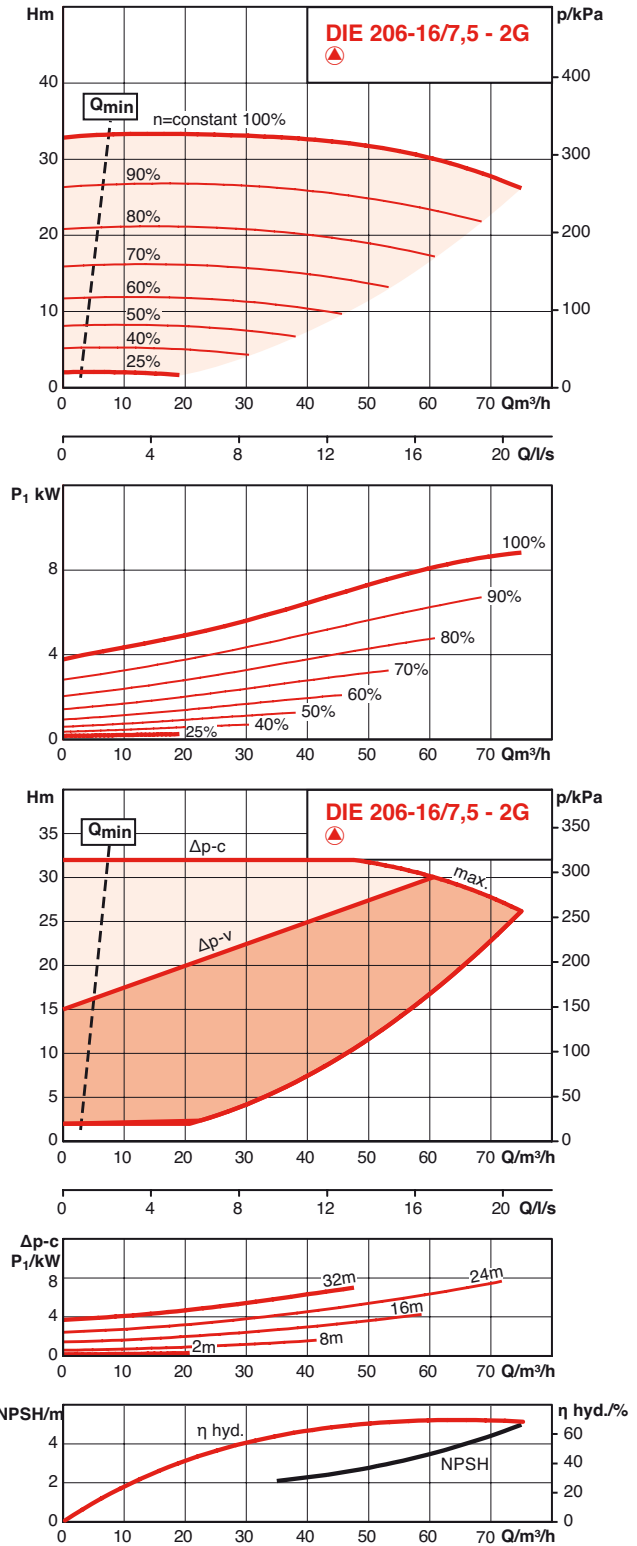
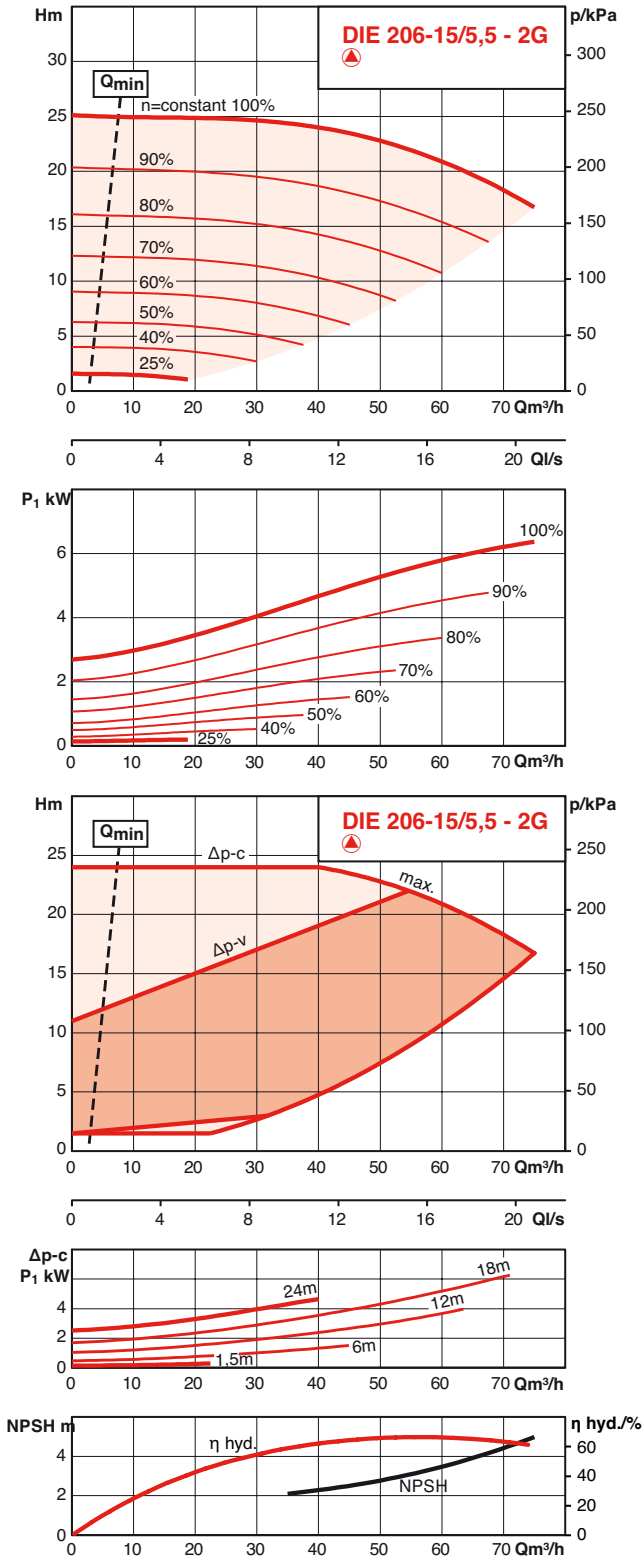
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PERFORMANCES HYDRAULIQUES - FONCTIONNEMENT EN MODE NORMAL / SECOURS



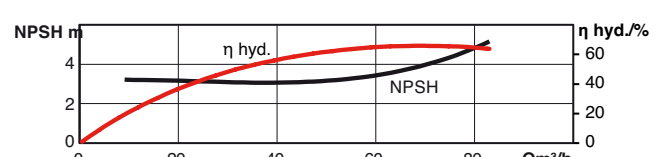
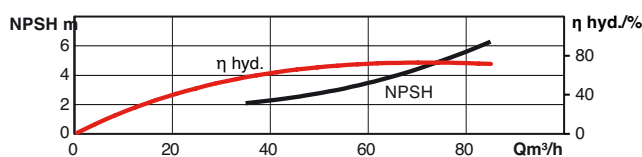
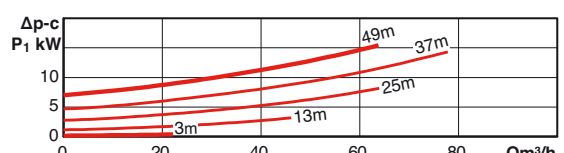
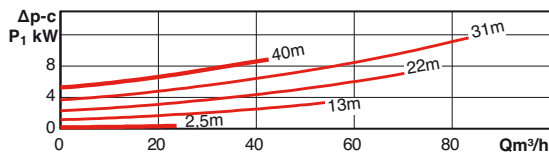
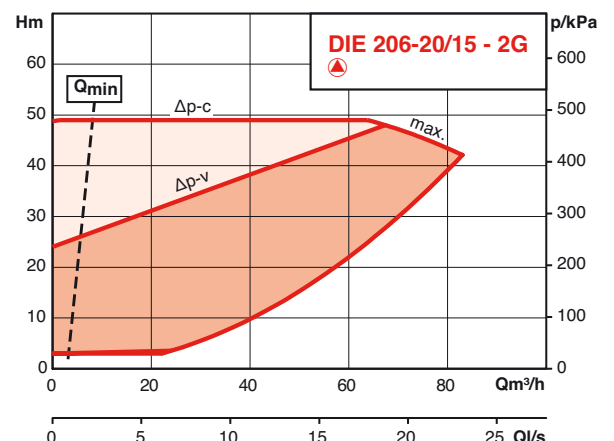
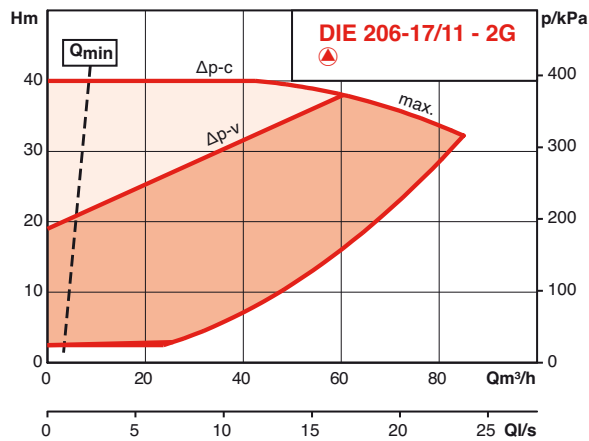
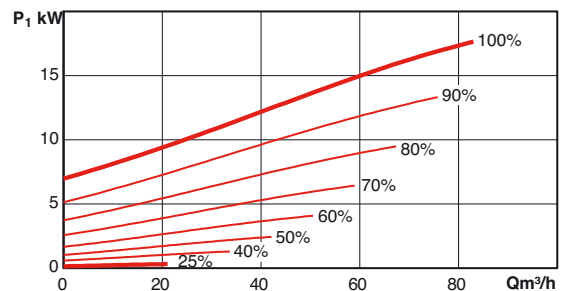
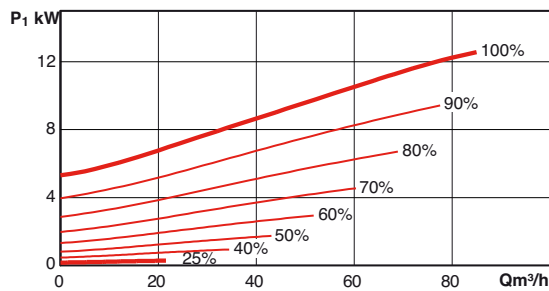
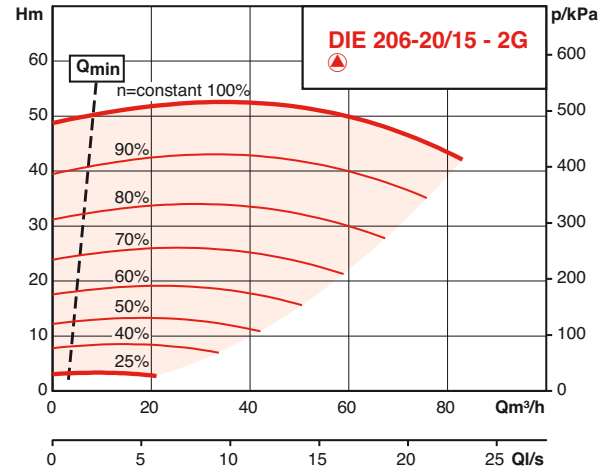
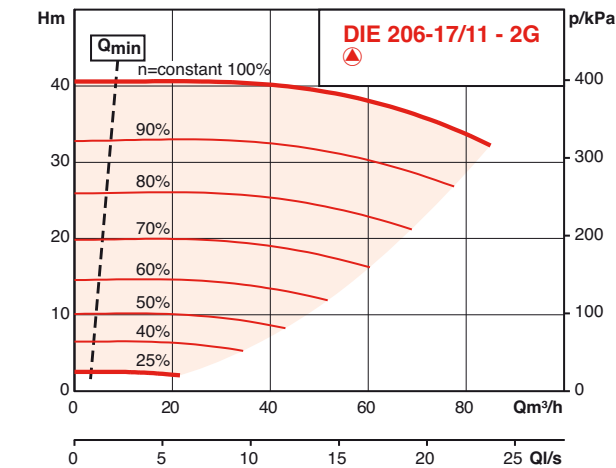
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PERFORMANCES HYDRAULIQUES - FONCTIONNEMENT EN MODE NORMAL / SECOURS



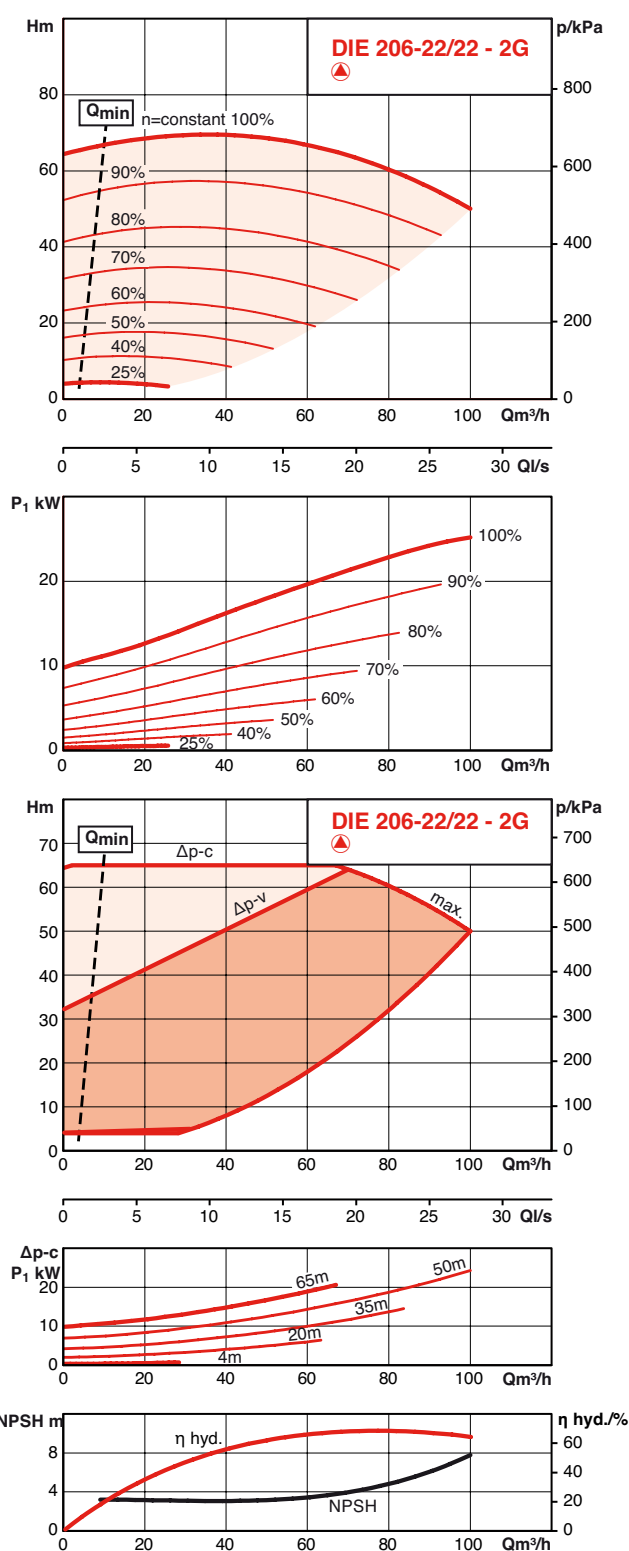
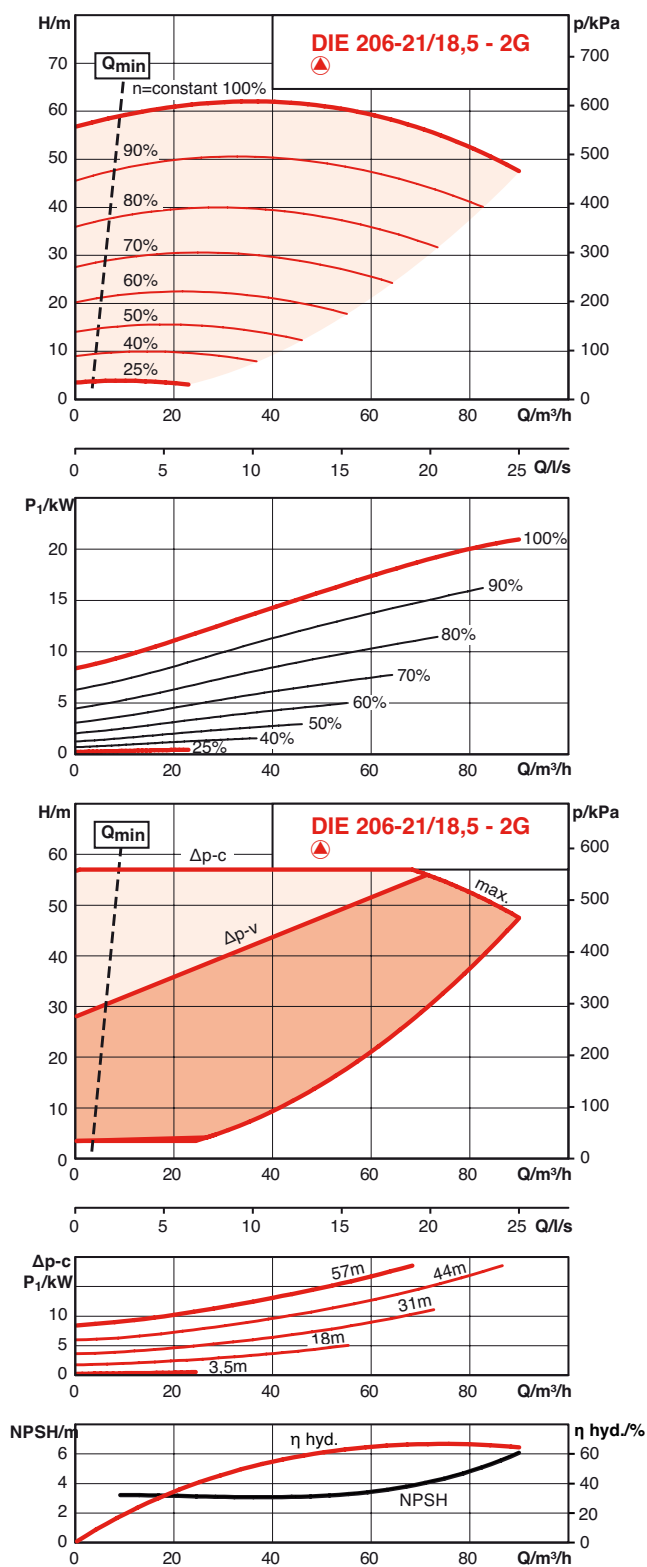
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PERFORMANCES HYDRAULIQUES - FONCTIONNEMENT EN MODE NORMAL / SECOURS



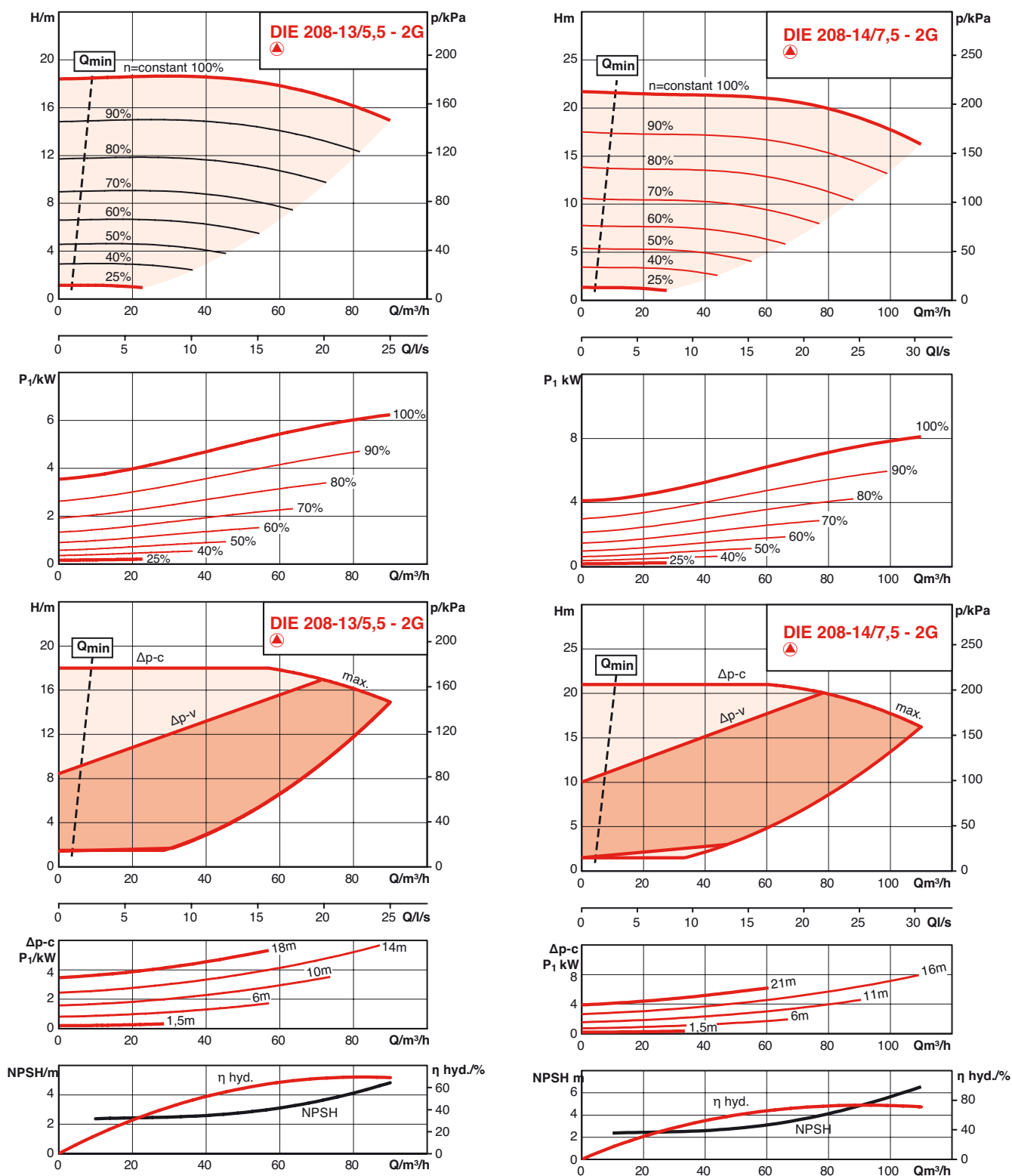
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PERFORMANCES HYDRAULIQUES - FONCTIONNEMENT EN MODE NORMAL / SECOURS



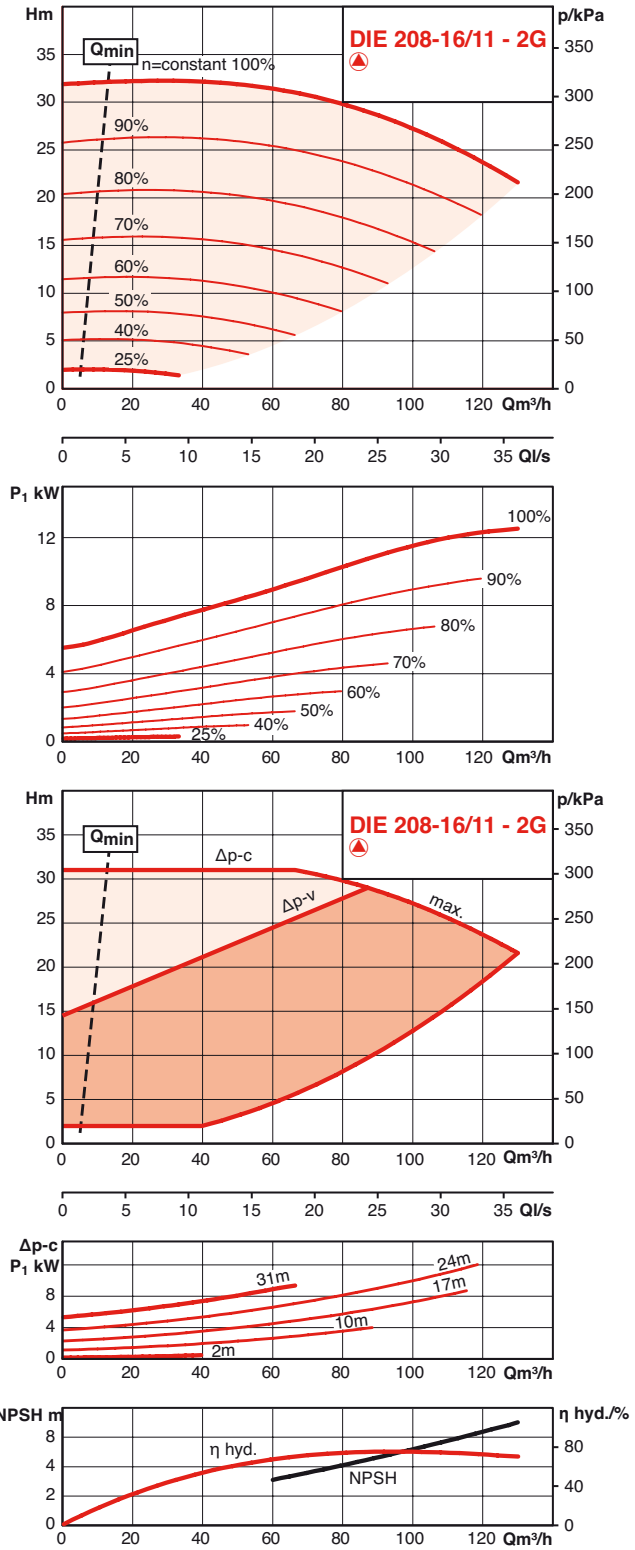
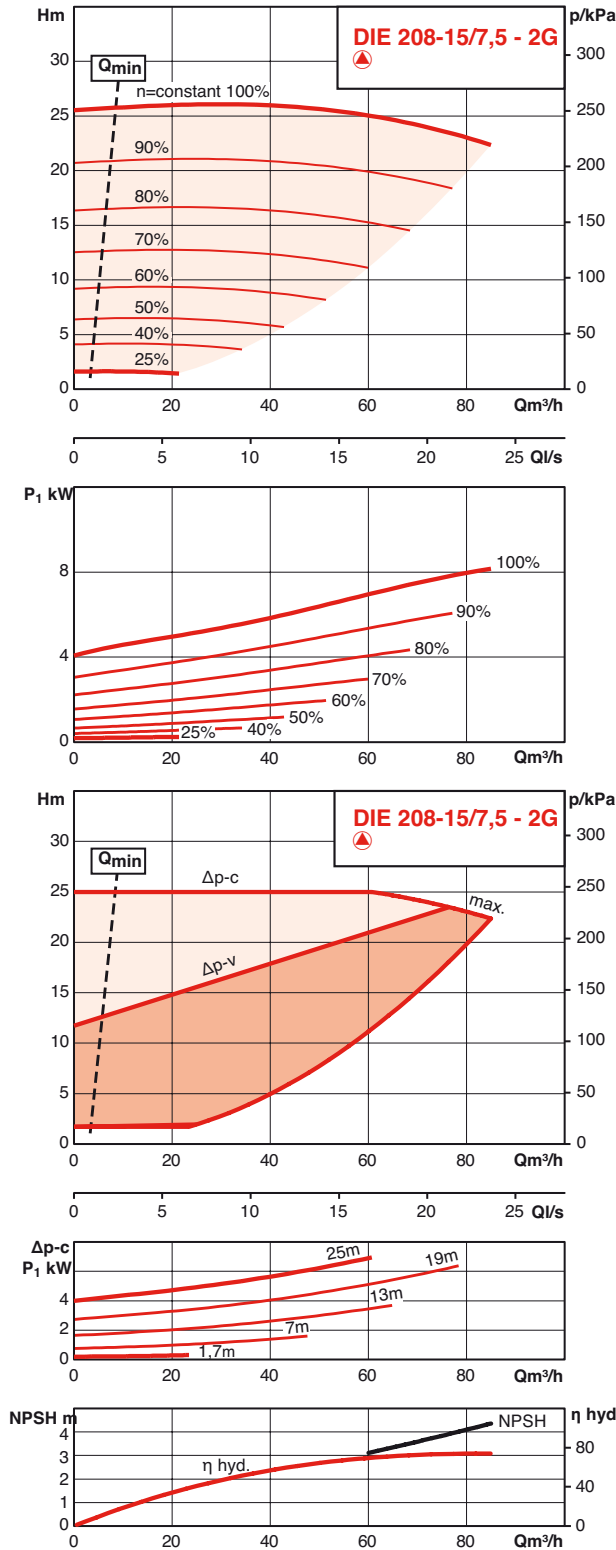
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PERFORMANCES HYDRAULIQUES - FONCTIONNEMENT EN MODE NORMAL / SECOURS



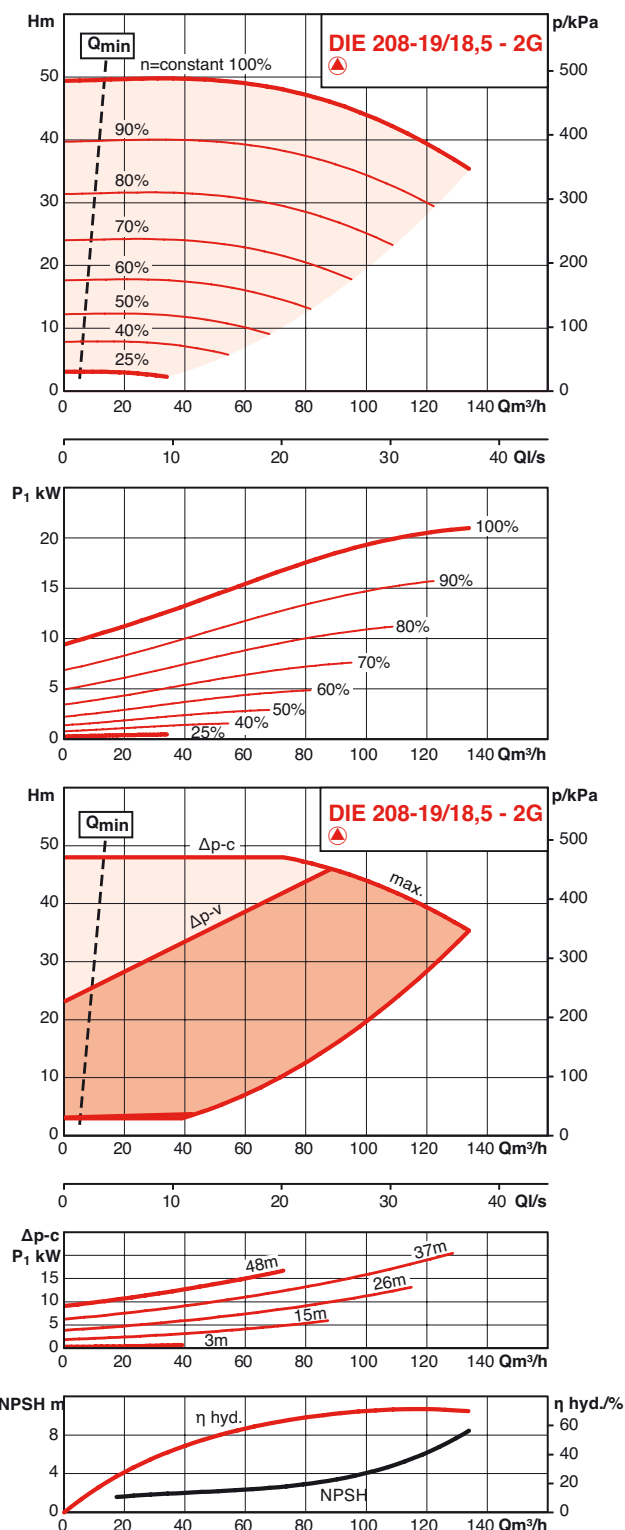
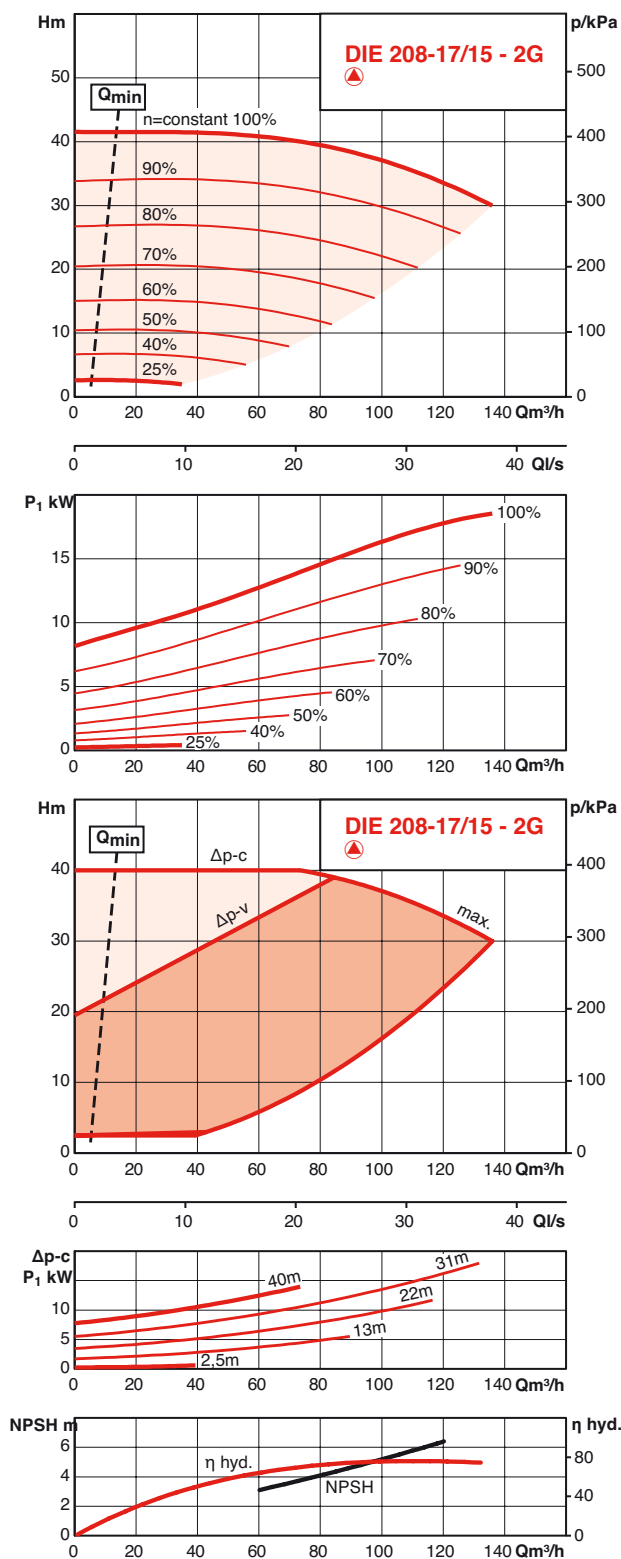
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PERFORMANCES HYDRAULIQUES - FONCTIONNEMENT EN MODE NORMAL / SECOURS



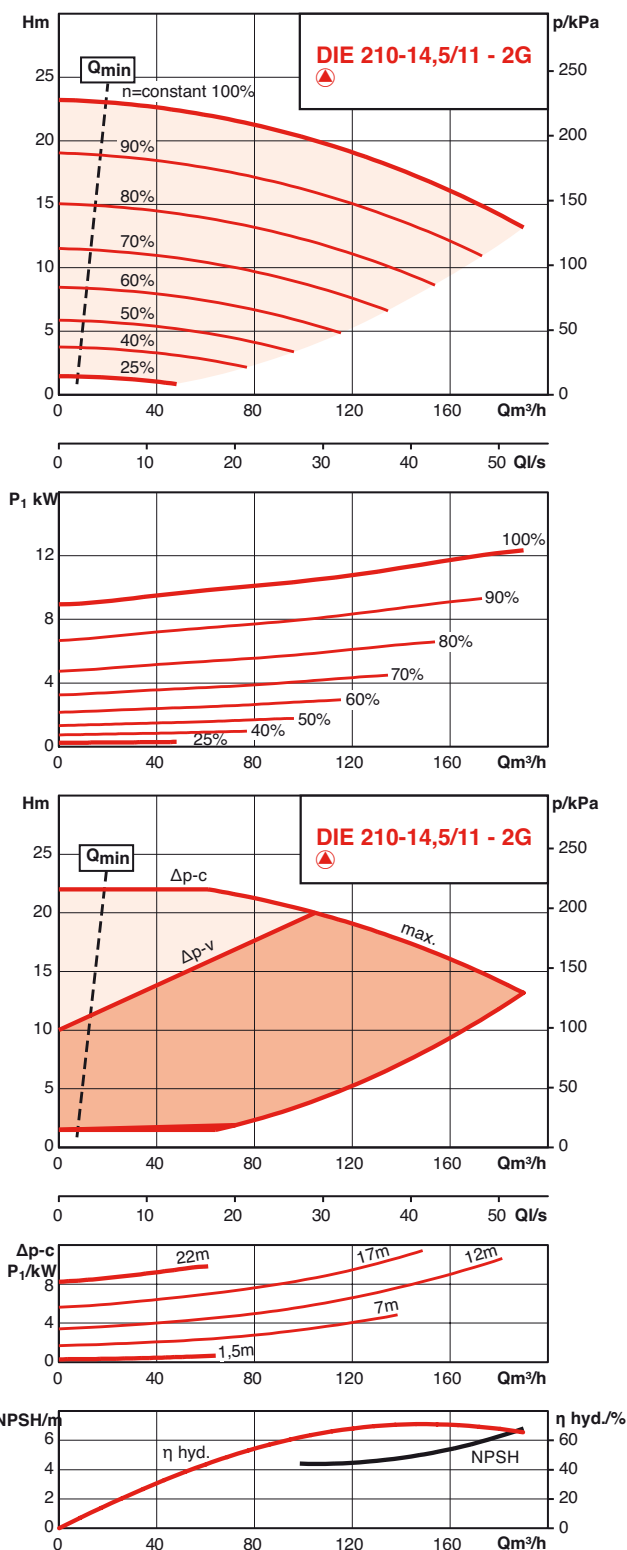
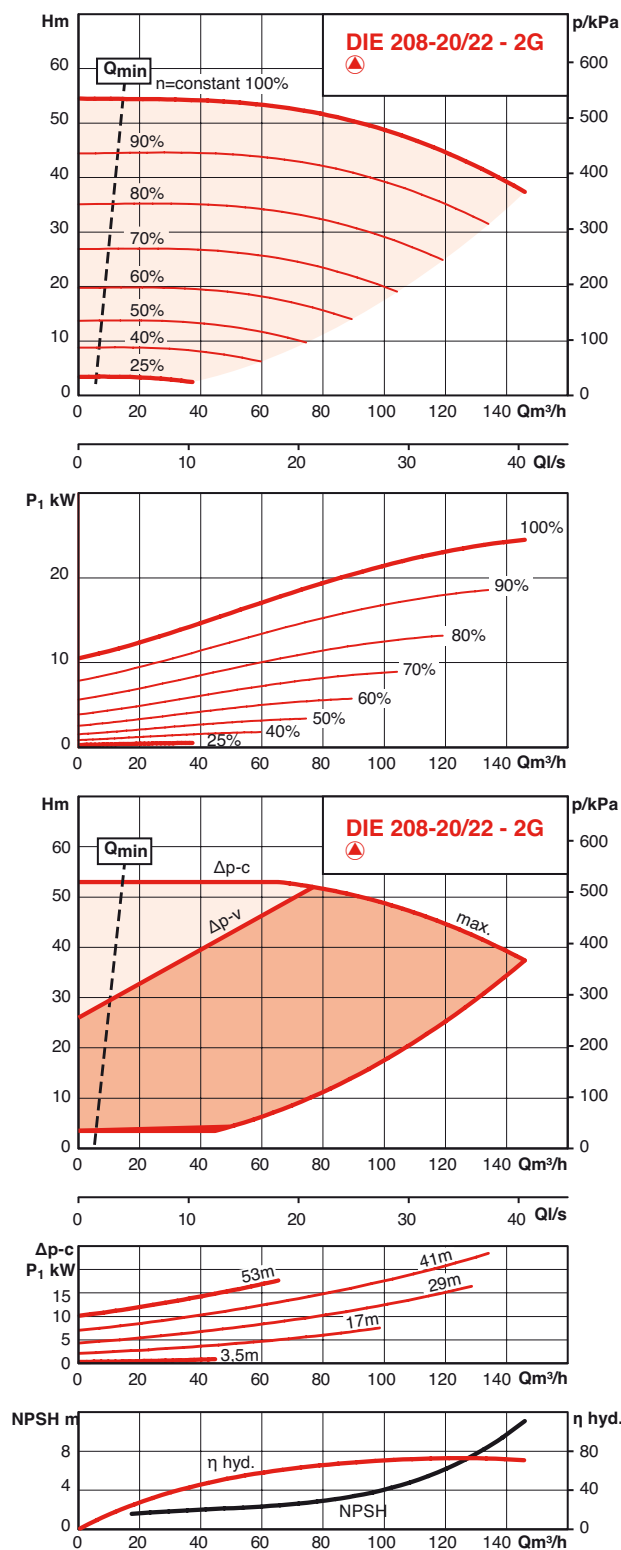
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PERFORMANCES HYDRAULIQUES - FONCTIONNEMENT EN MODE NORMAL / SECOURS



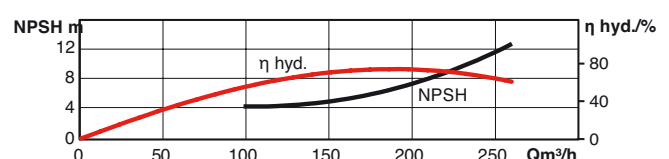
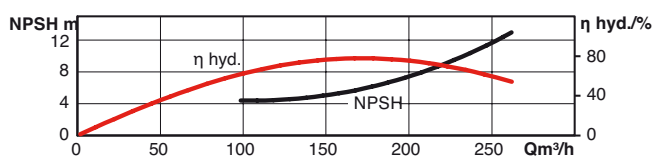
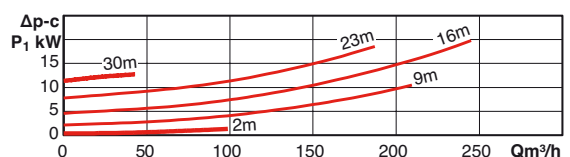
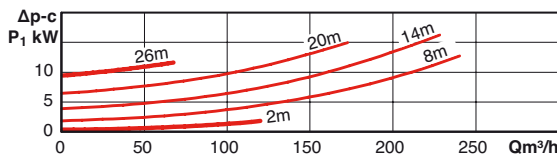
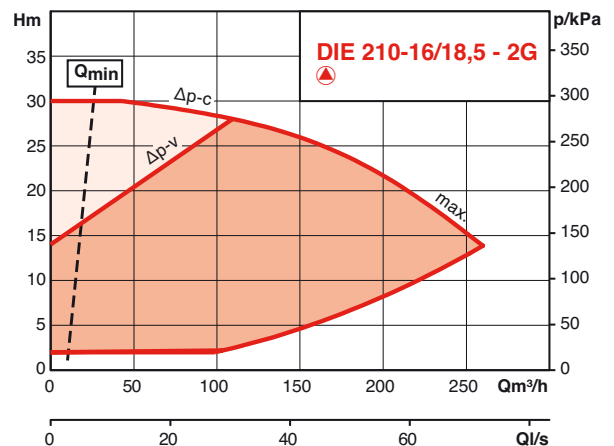
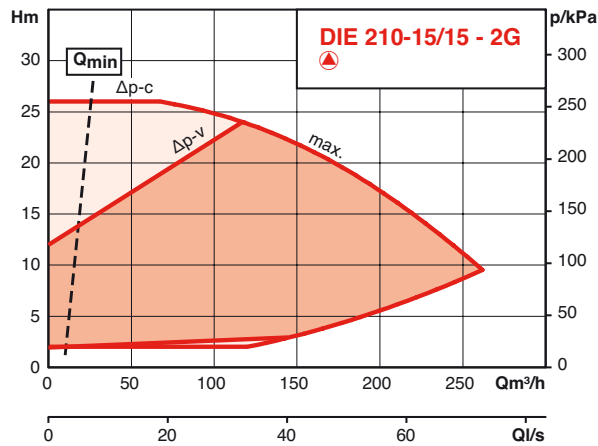
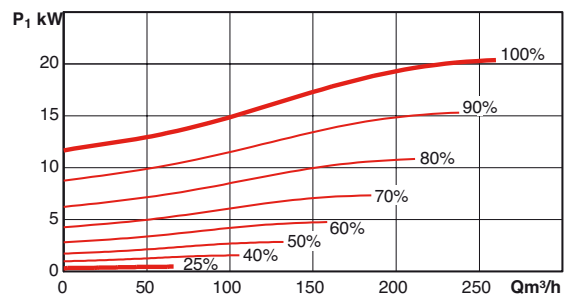
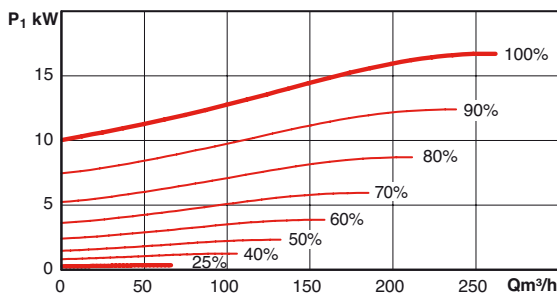
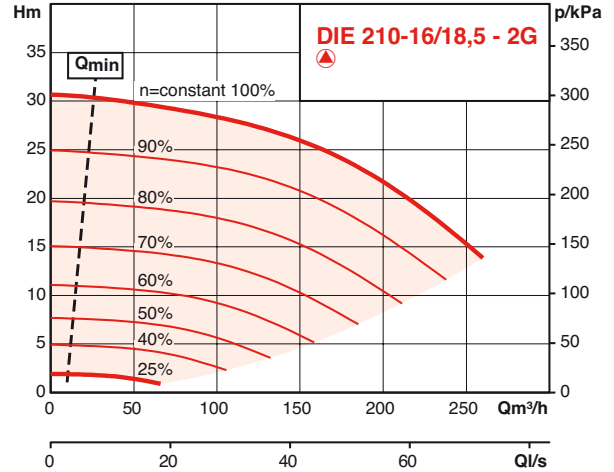
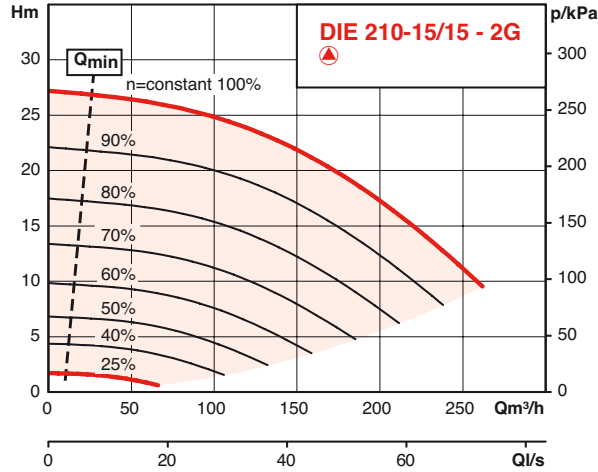
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PERFORMANCES HYDRAULIQUES - FONCTIONNEMENT EN MODE NORMAL / SECOURS



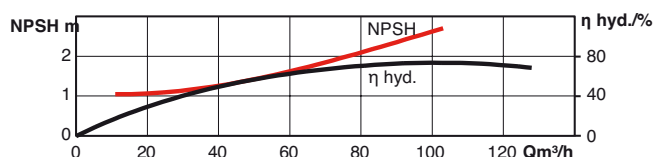
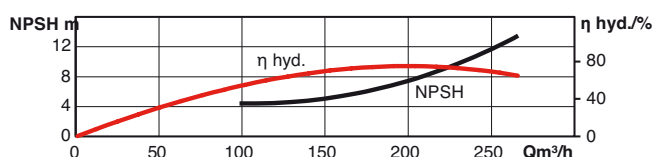
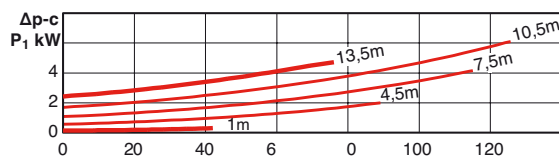
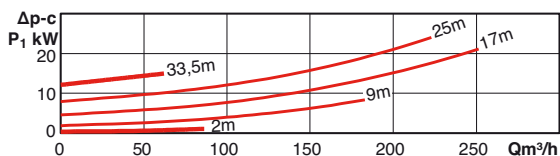
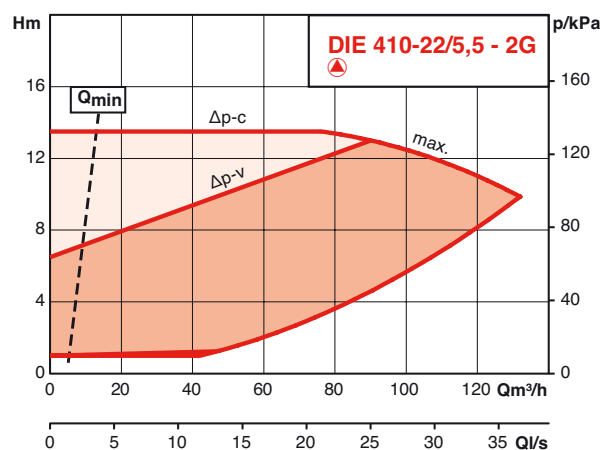
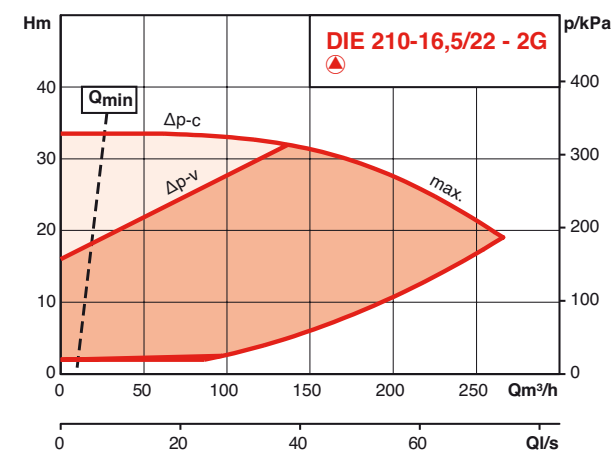
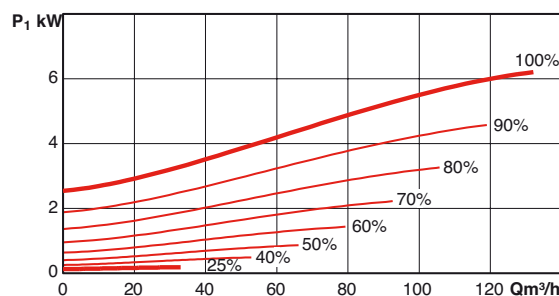
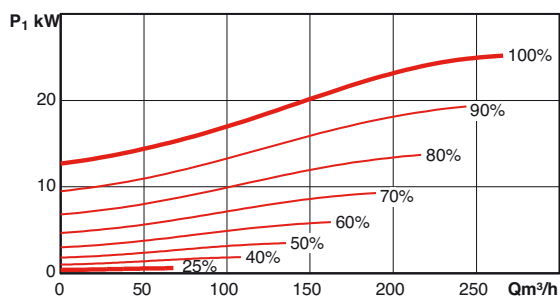
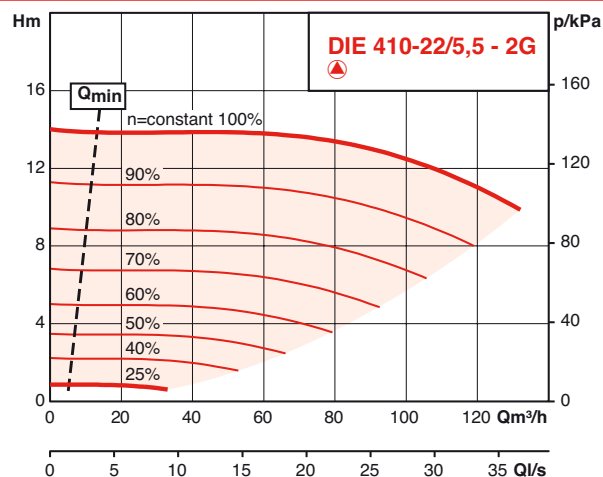
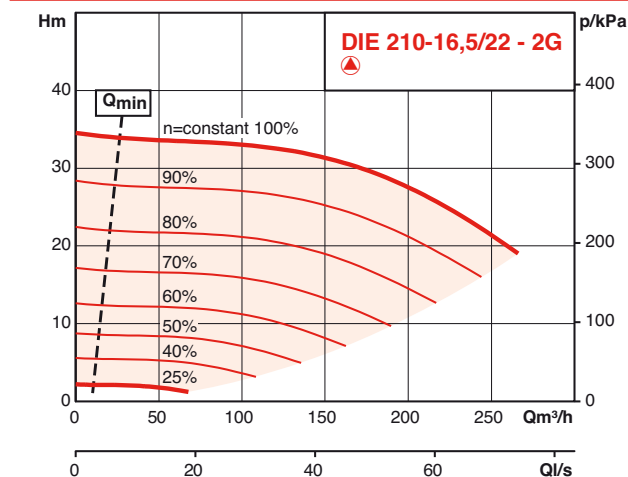
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PERFORMANCES HYDRAULIQUES - FONCTIONNEMENT EN MODE NORMAL / SECOURS



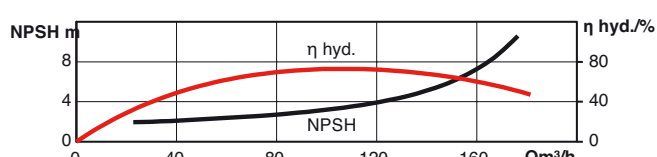
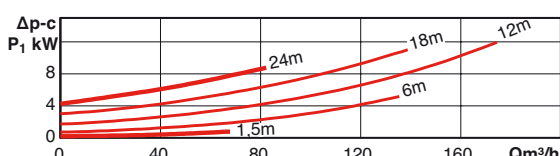
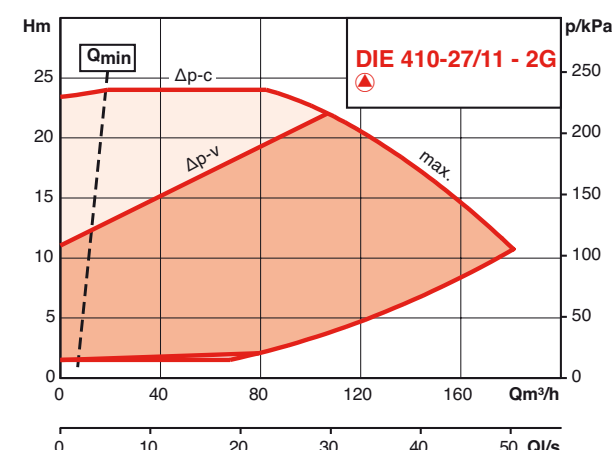
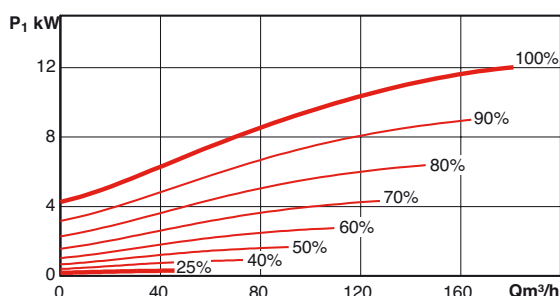
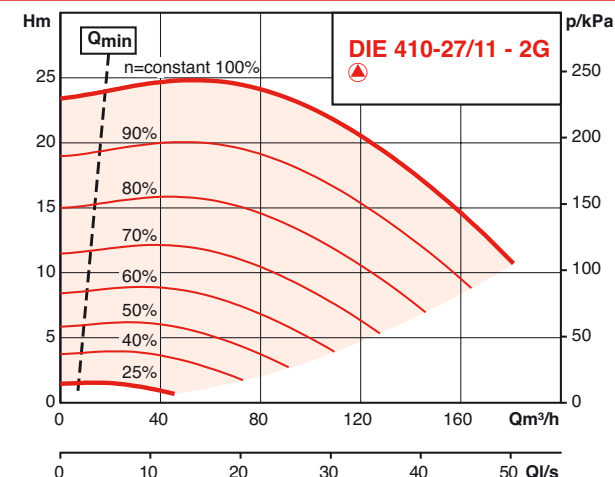
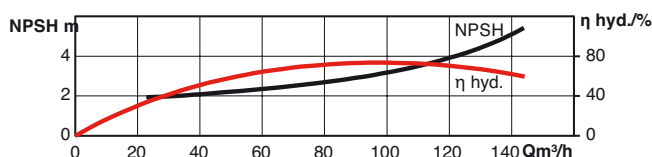
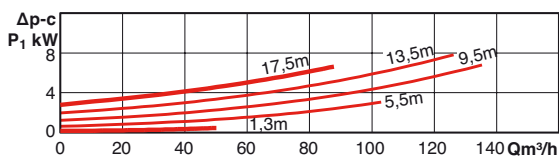
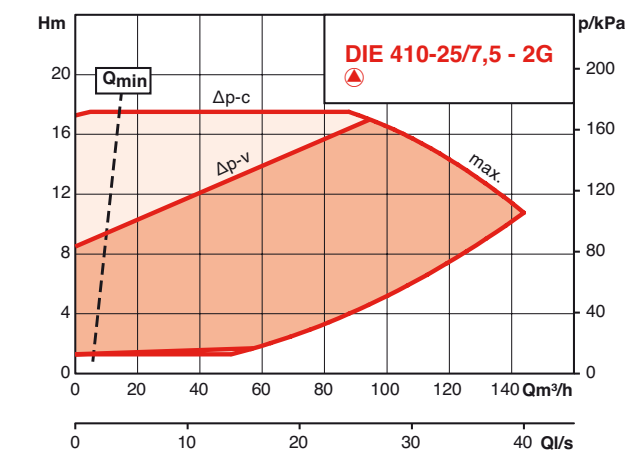
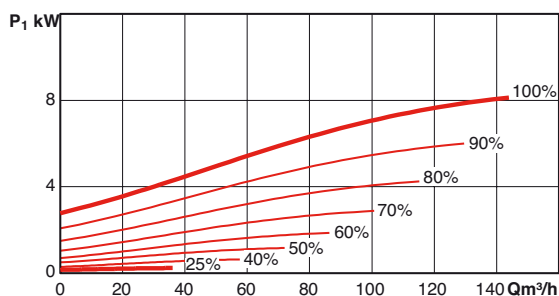
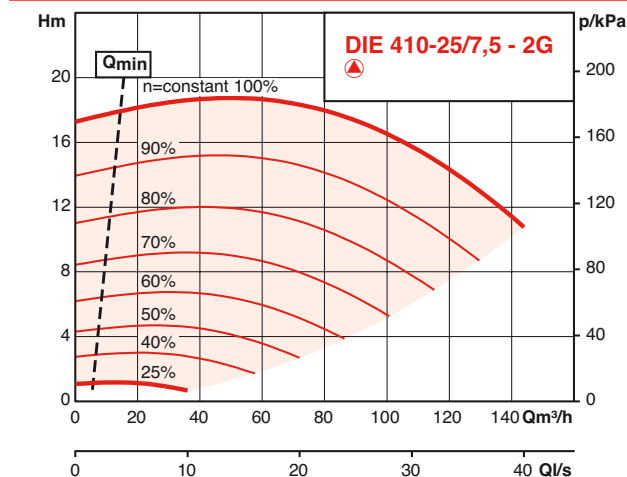
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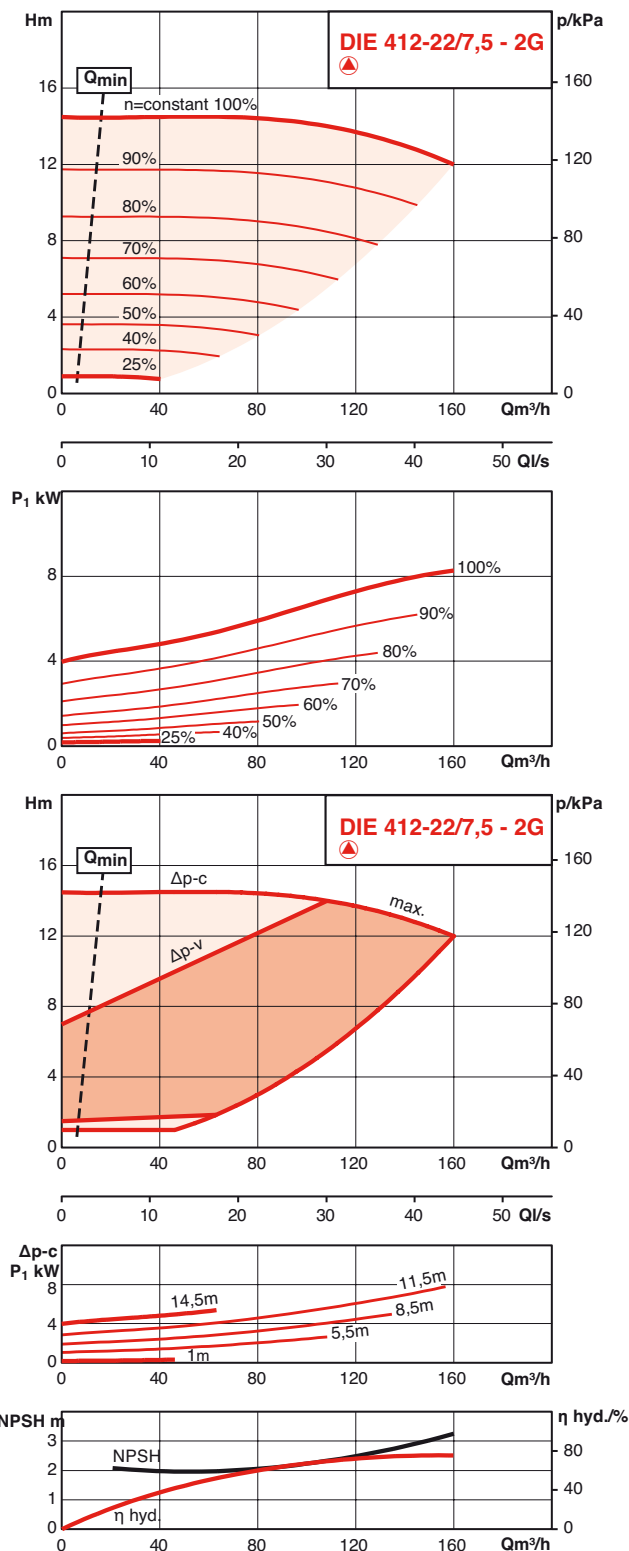
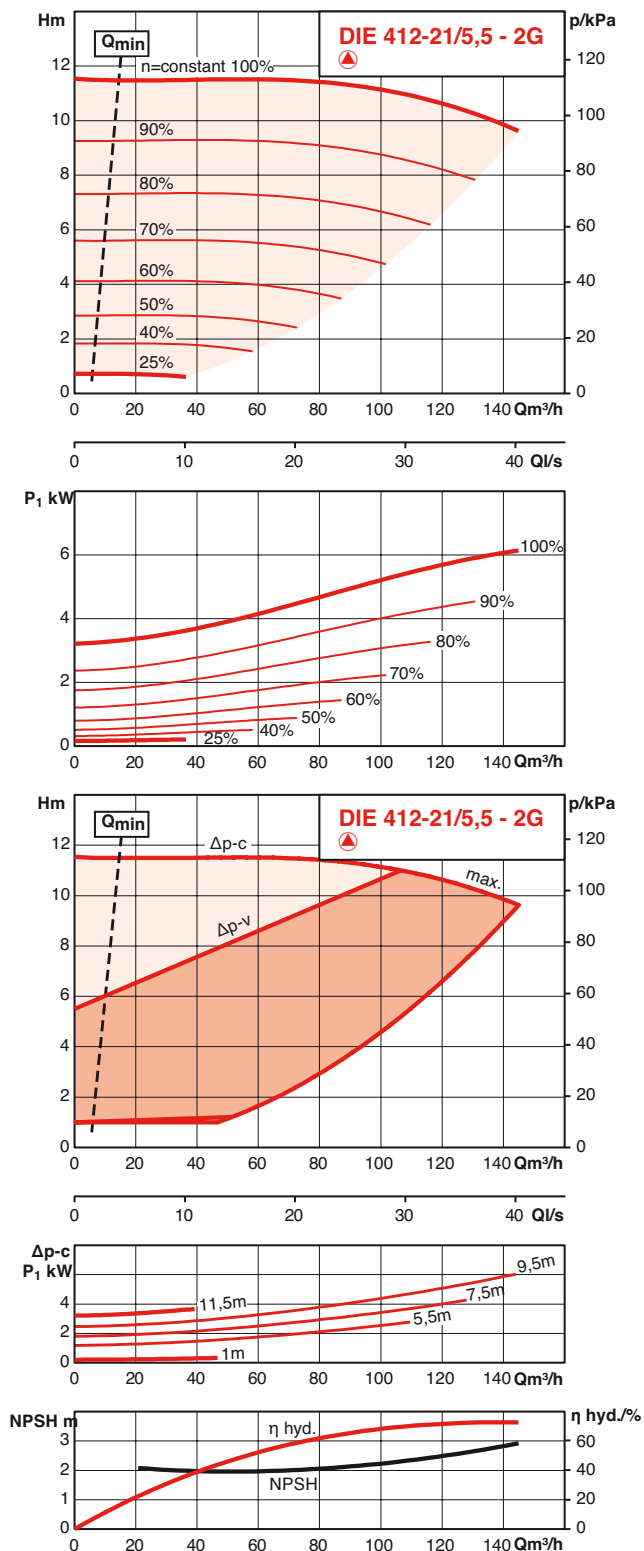
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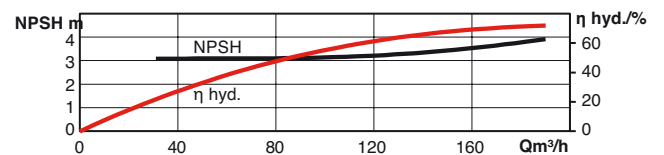
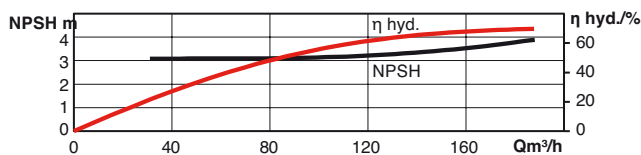
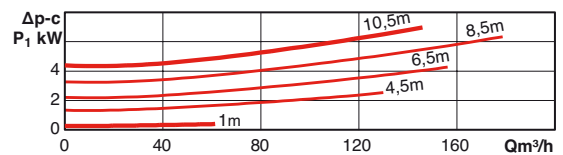
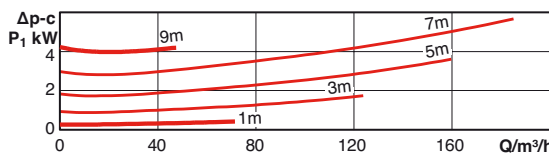
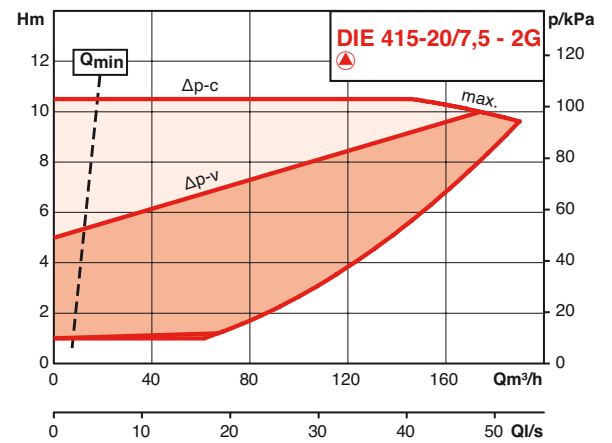
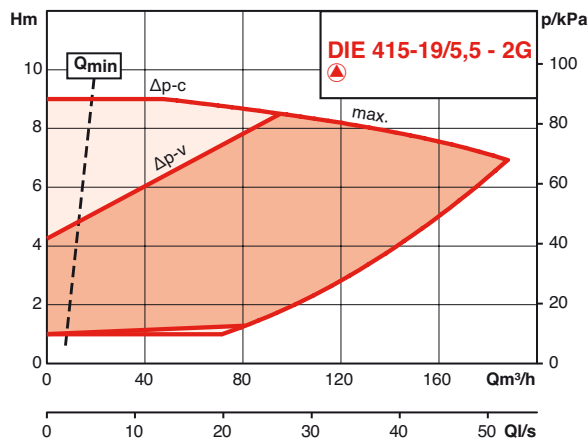
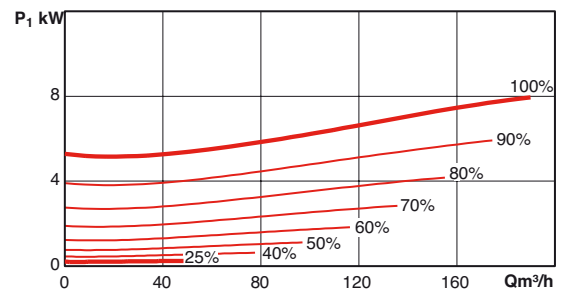
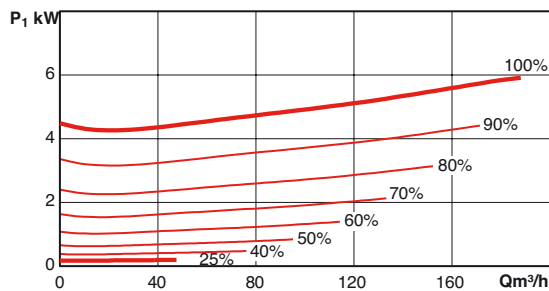
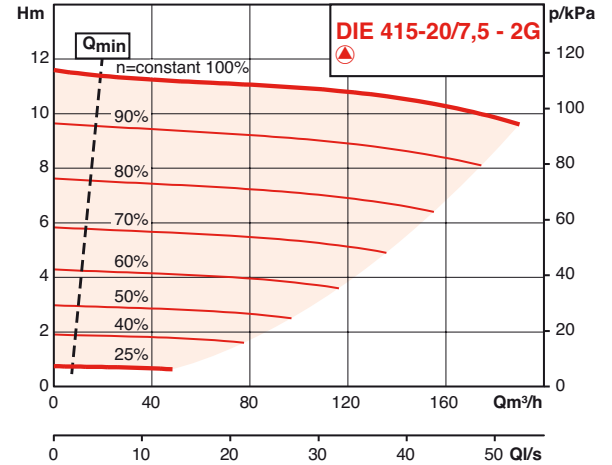
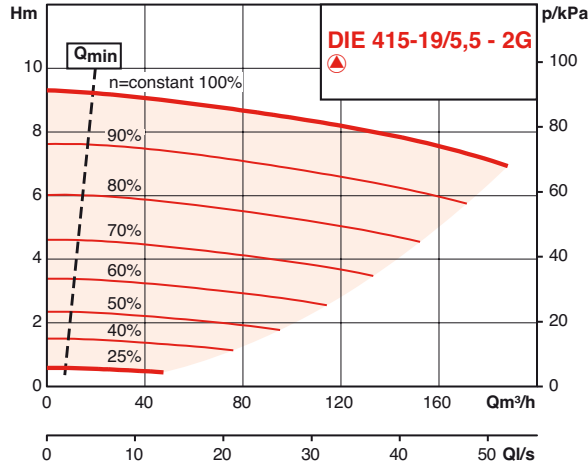
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PERFORMANCES HYDRAULIQUES - FONCTIONNEMENT EN MODE NORMAL / SECOURS



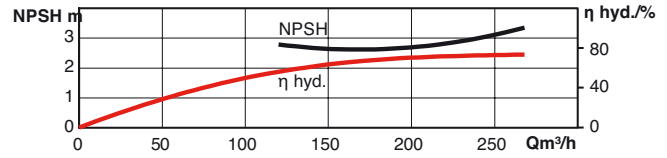
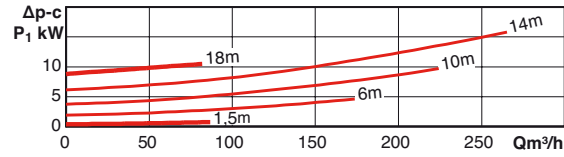
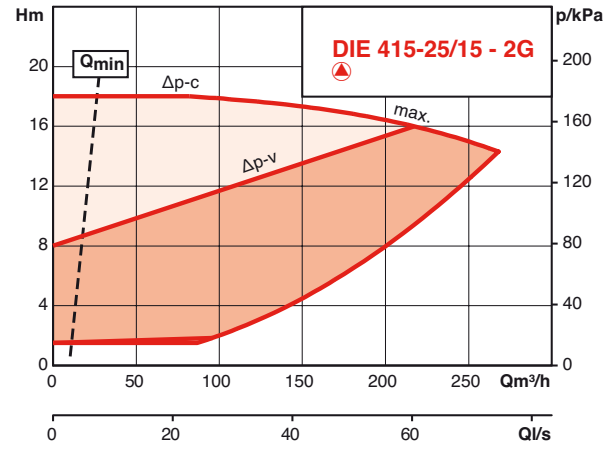
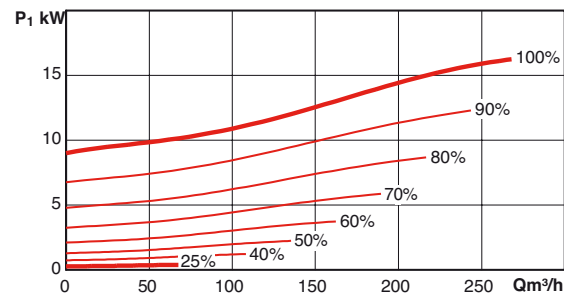
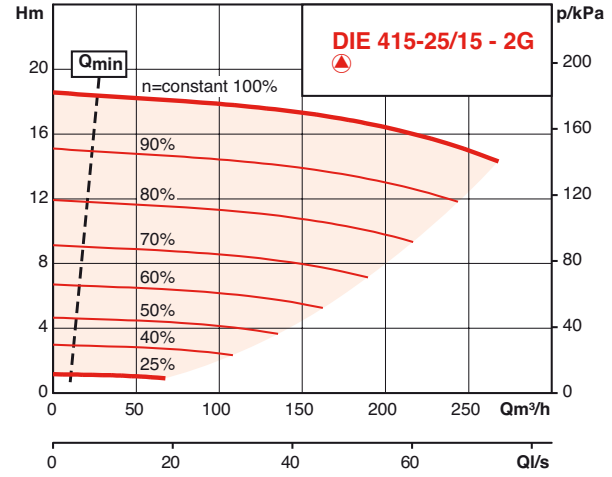
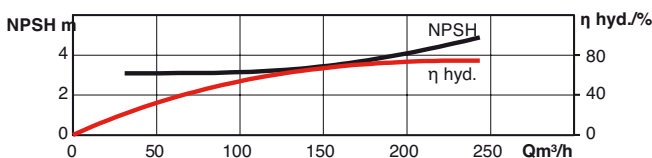
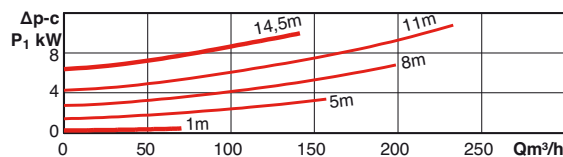
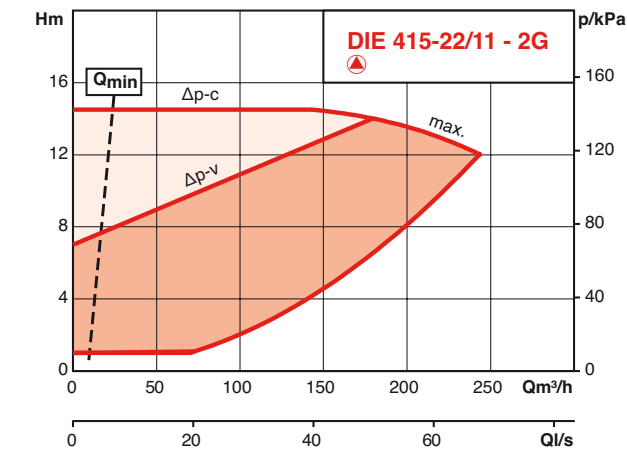
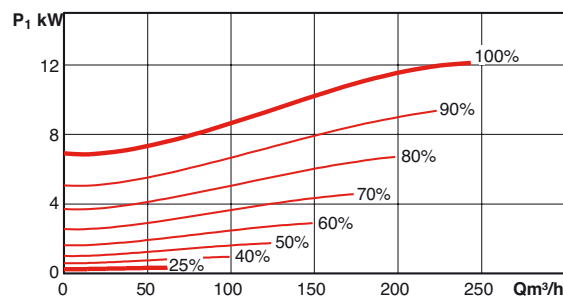
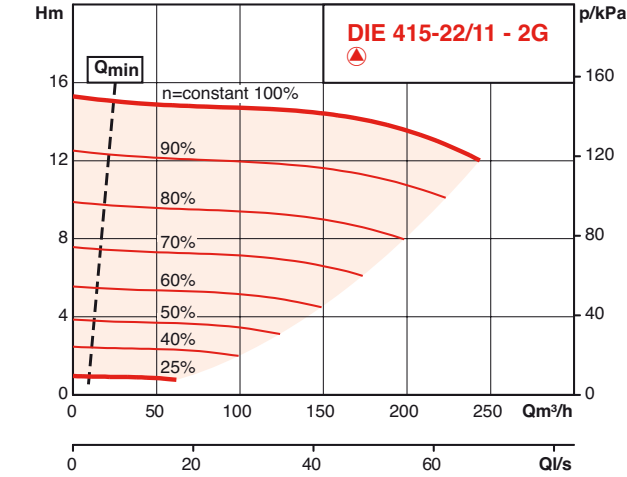
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PERFORMANCES HYDRAULIQUES - FONCTIONNEMENT EN MODE NORMAL / SECOURS



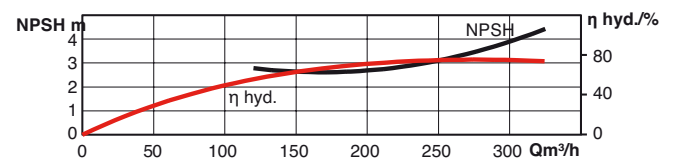
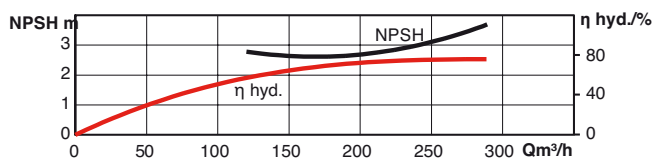
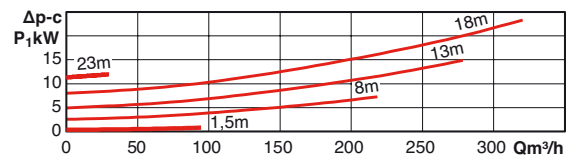
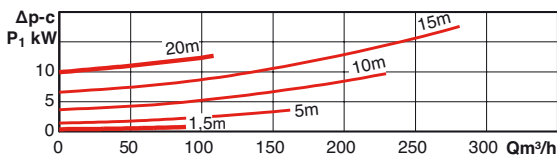
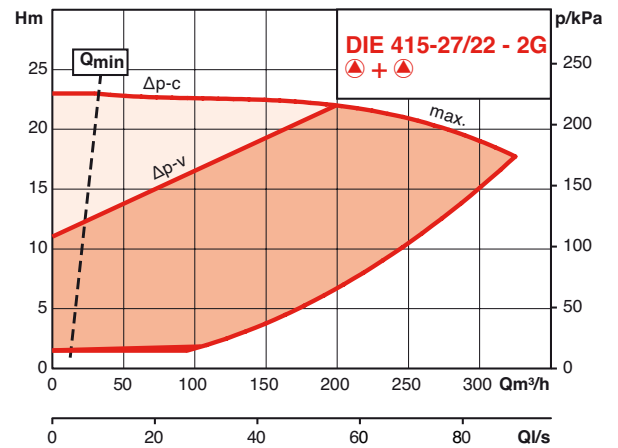
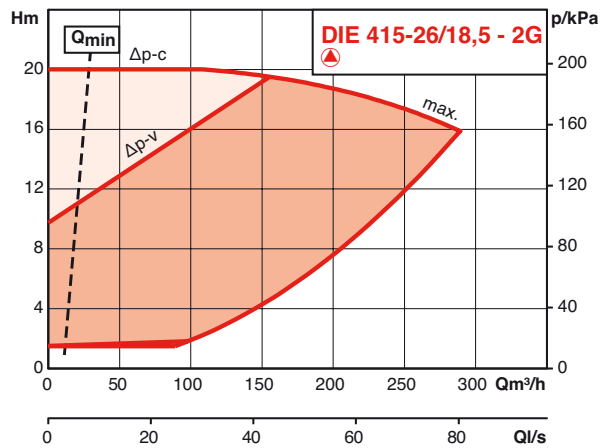
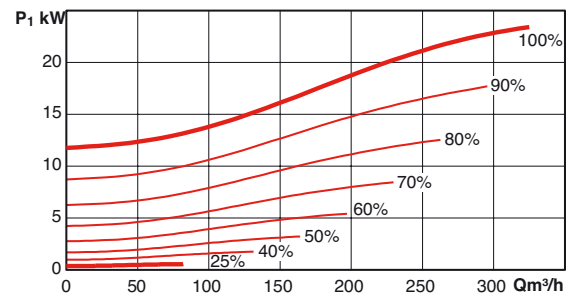
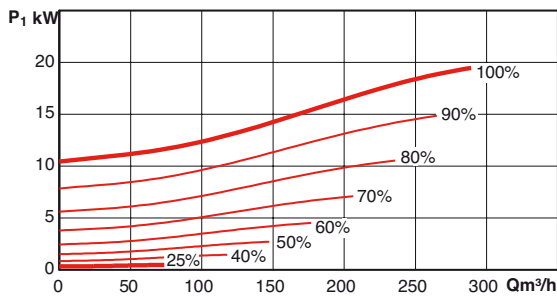
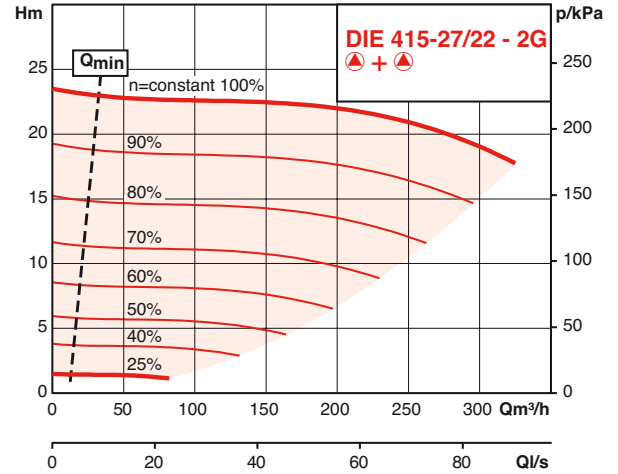
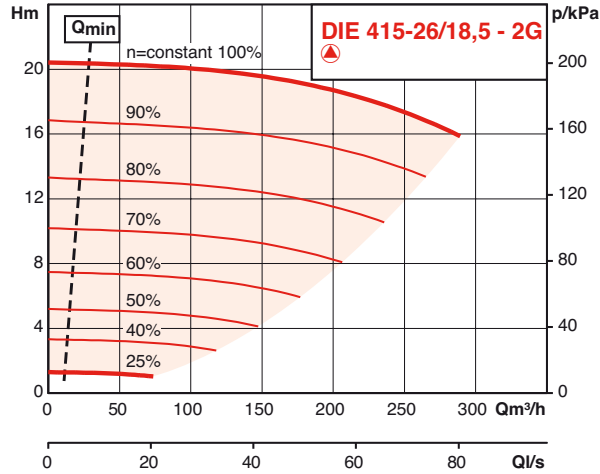
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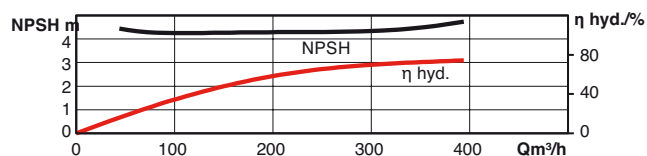
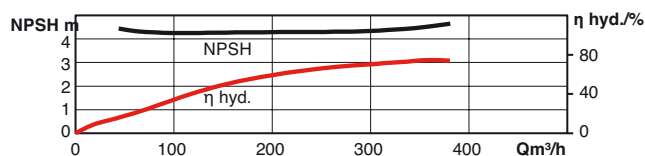
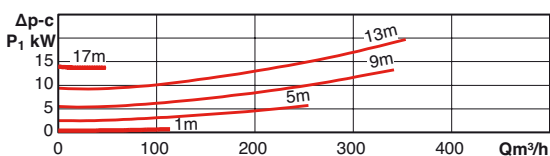
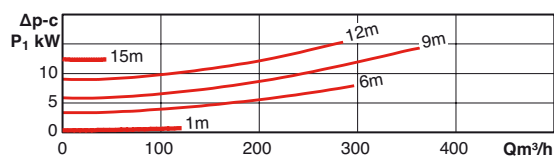
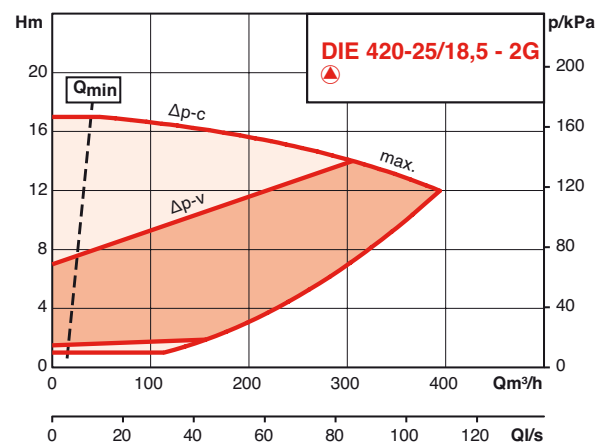
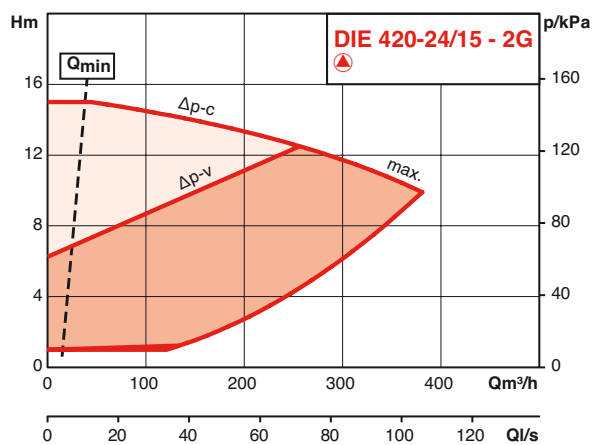
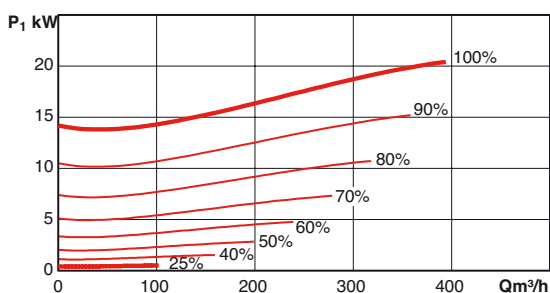
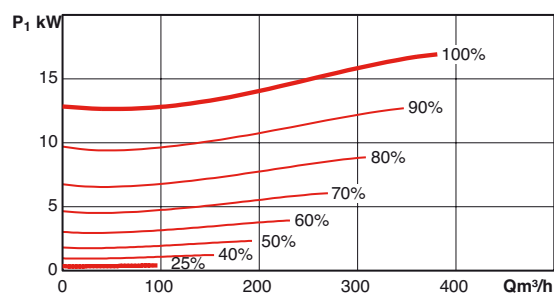
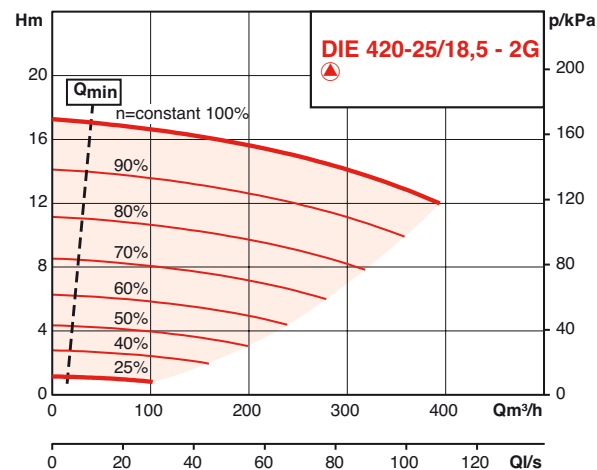
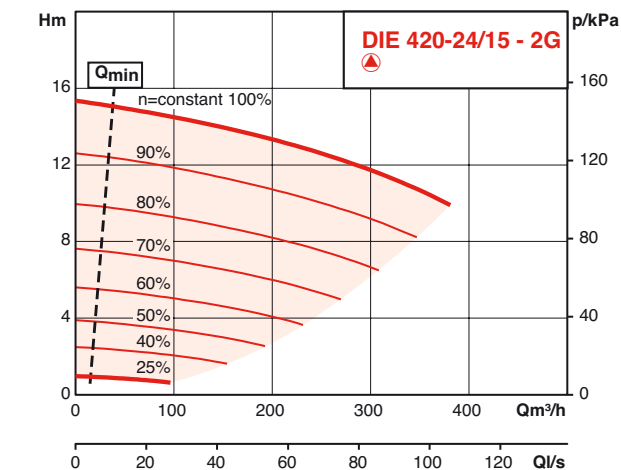
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PERFORMANCES HYDRAULIQUES - FONCTIONNEMENT EN MODE NORMAL / SECOURS



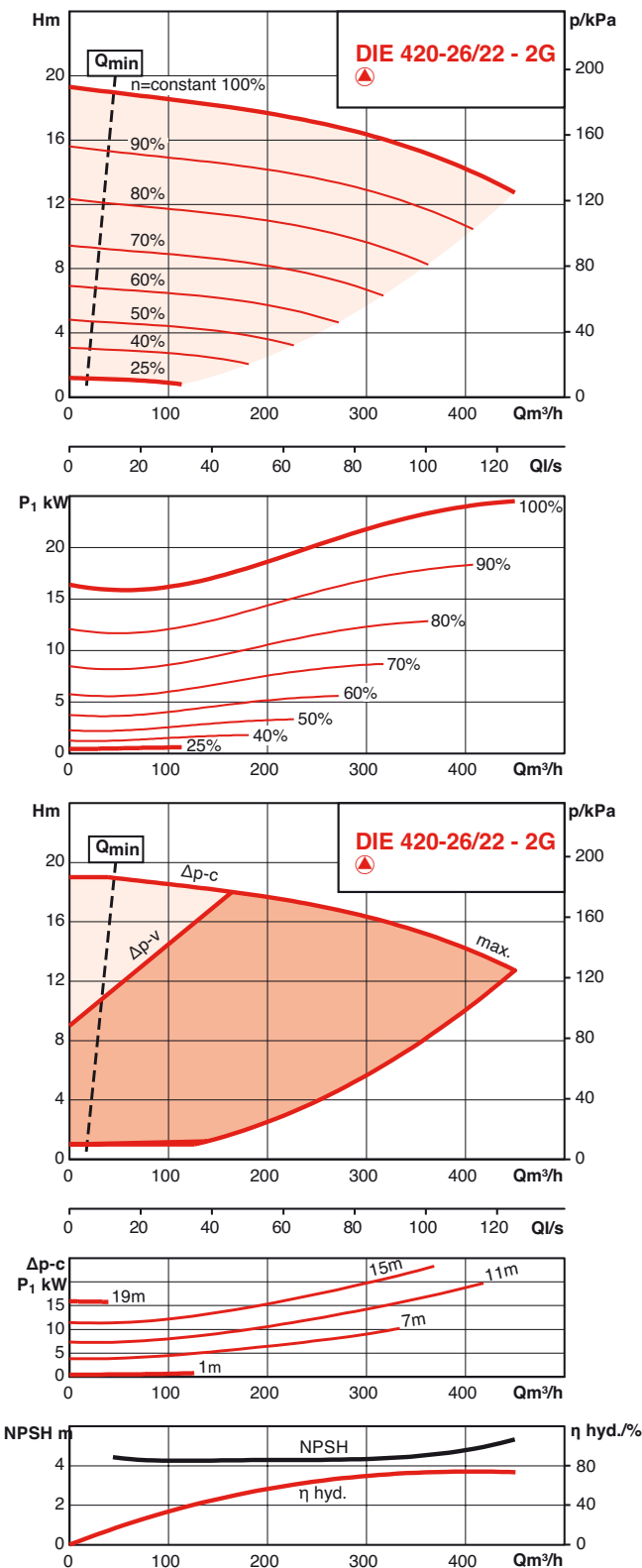
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PERFORMANCES HYDRAULIQUES - FONCTIONNEMENT EN MODE NORMAL / SECOURS



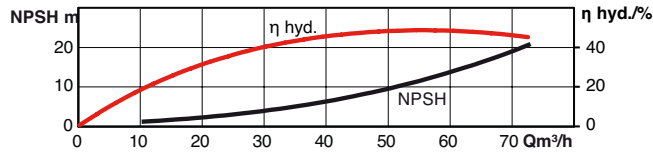
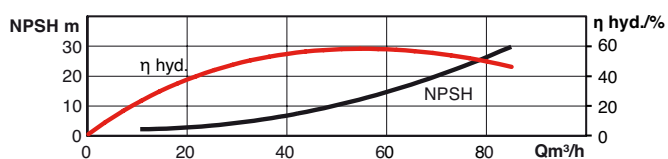
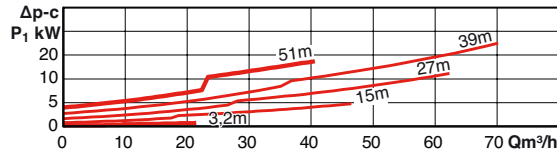
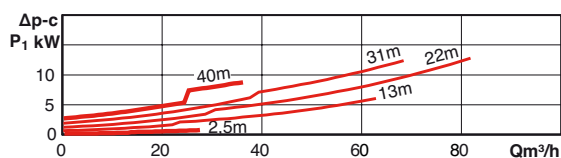
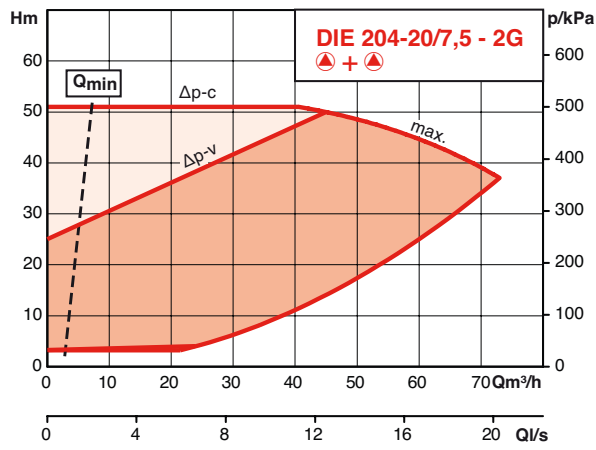
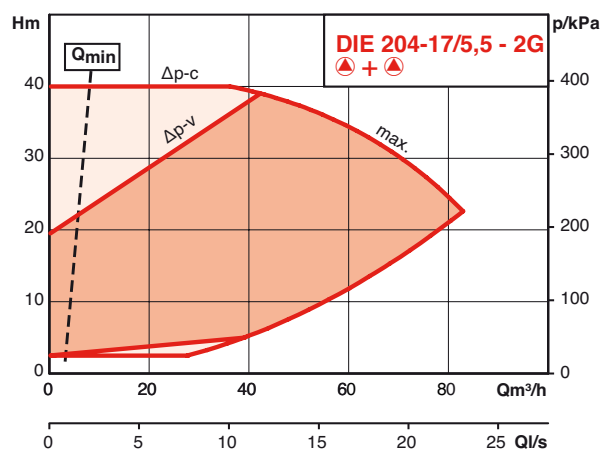
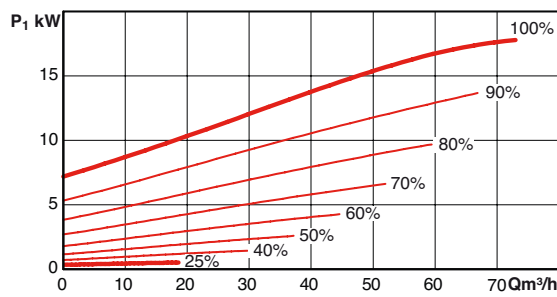
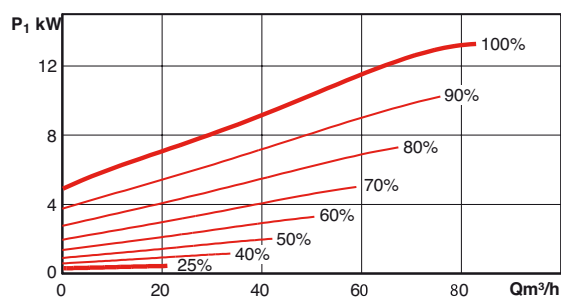
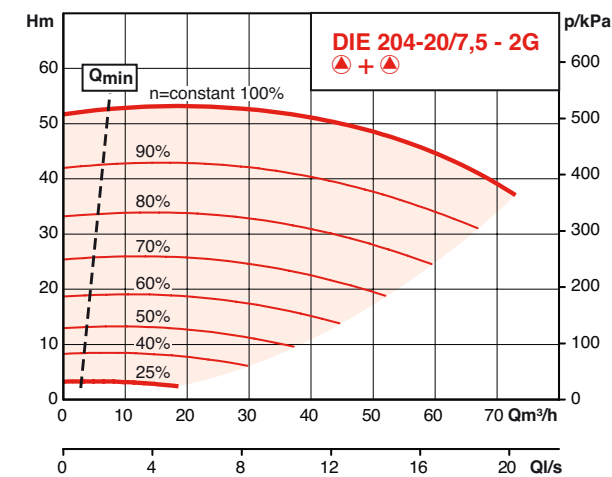
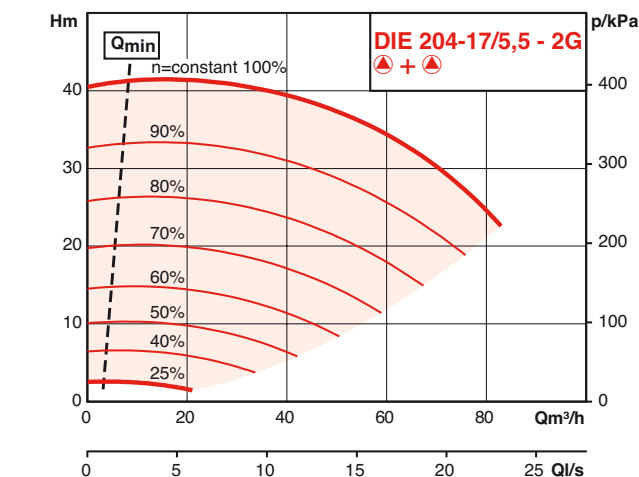
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PERFORMANCES HYDRAULIQUES - FONCTIONNEMENT EN MODE NORMAL / SECOURS



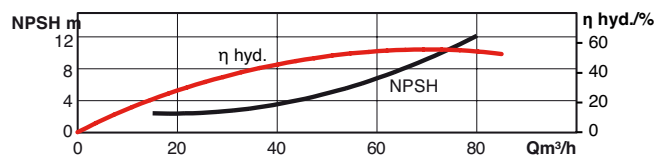
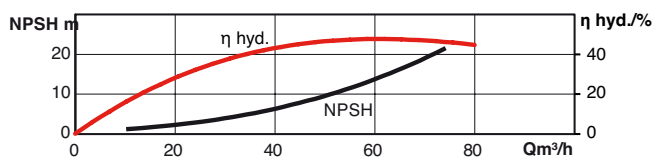
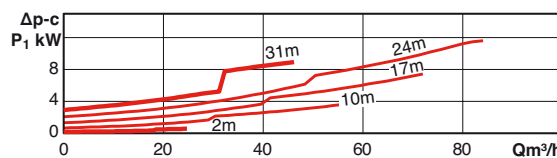
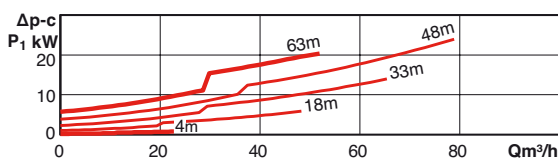
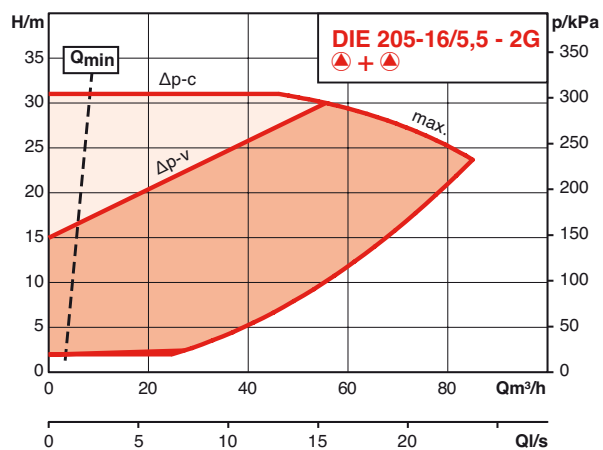
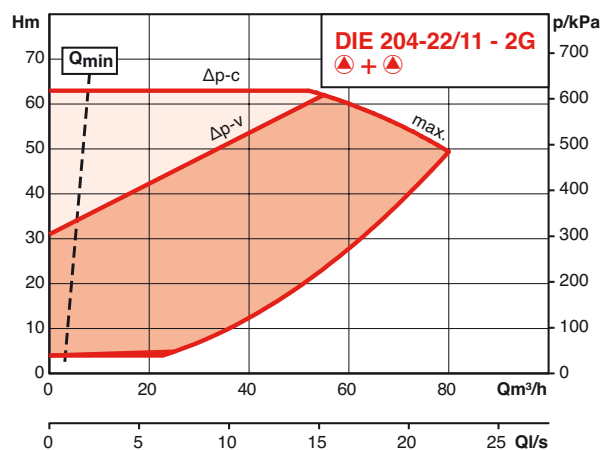
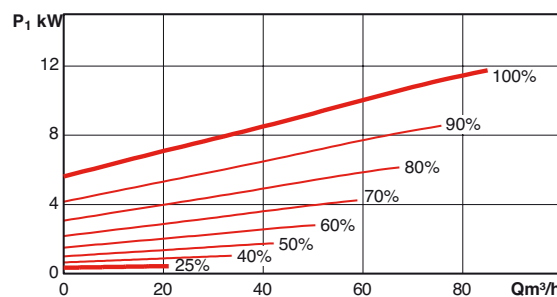
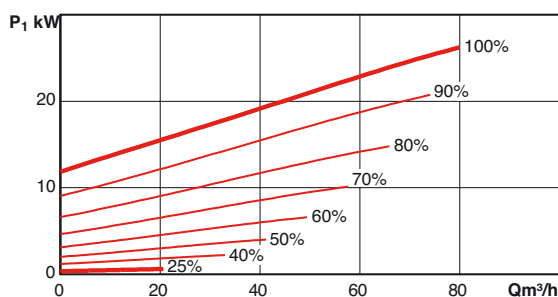
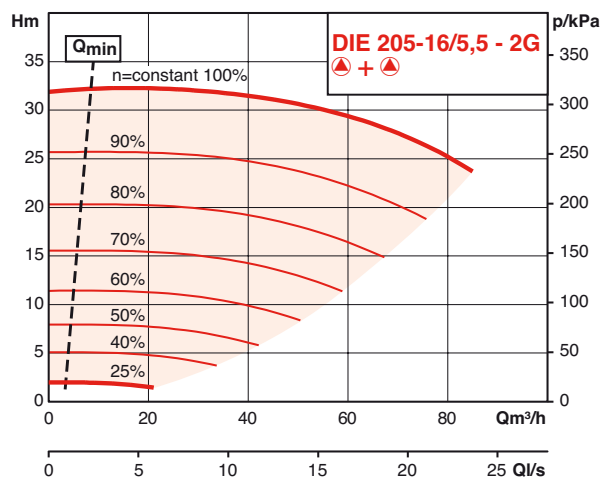
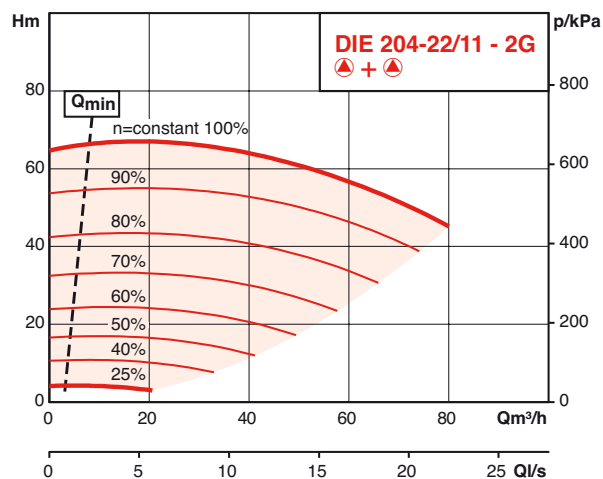
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PERFORMANCES HYDRAULIQUES - FONCTIONNEMENT 2 POMPES EN PARALLELE



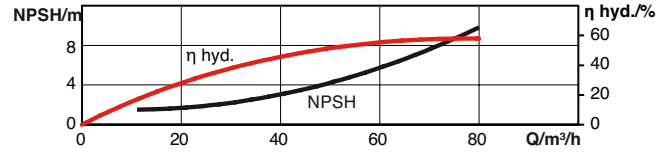
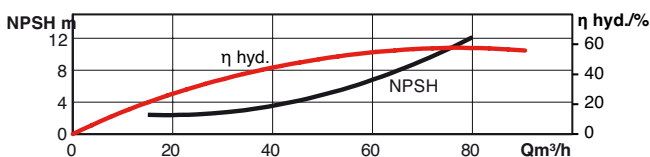
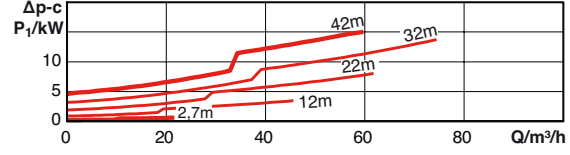
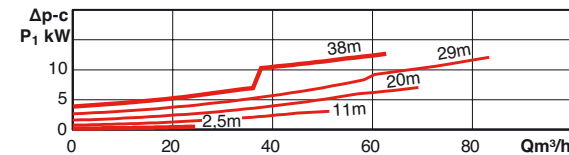
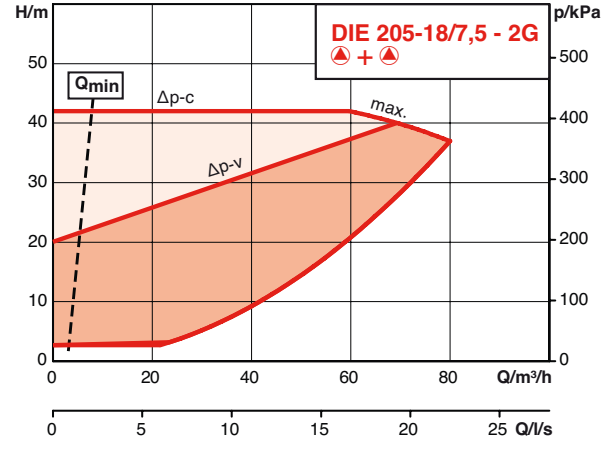
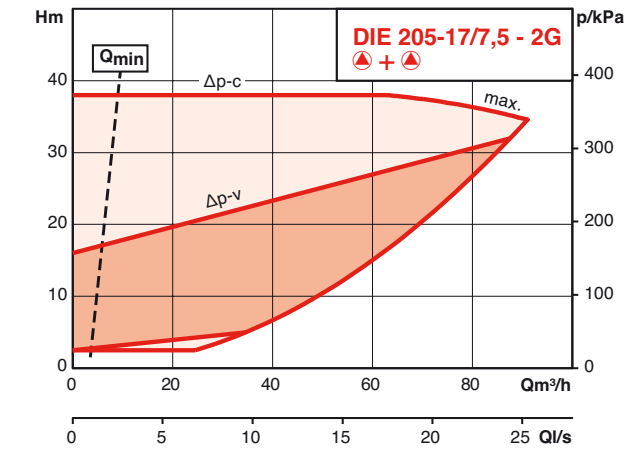
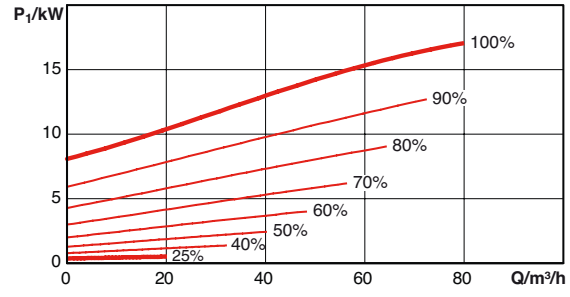
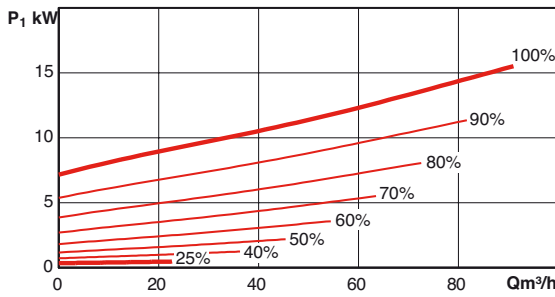
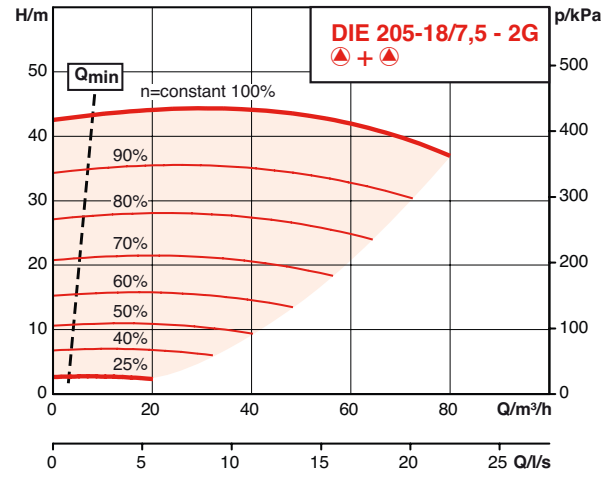
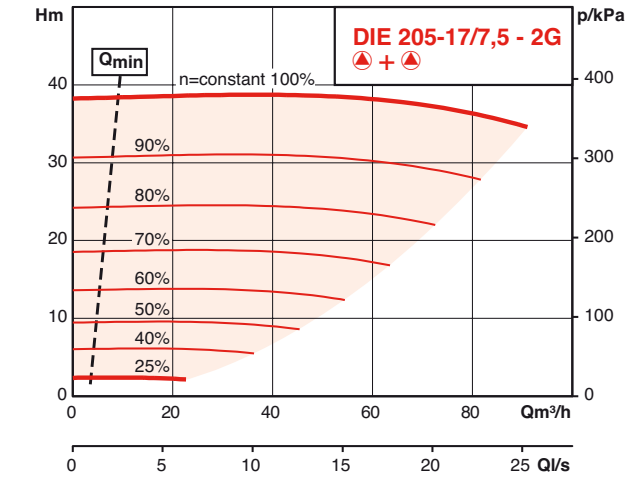
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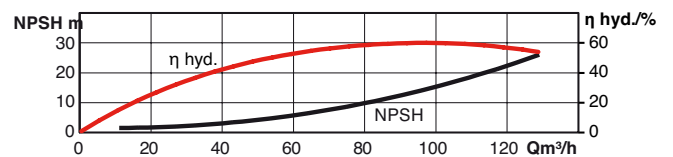
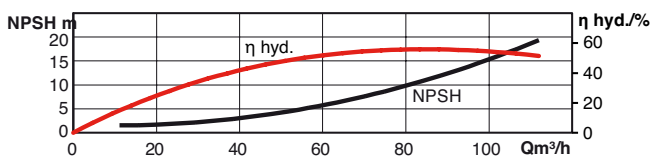
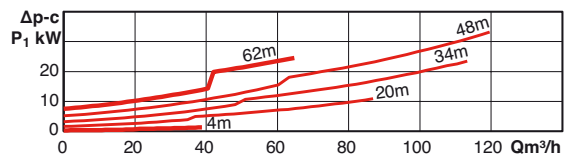
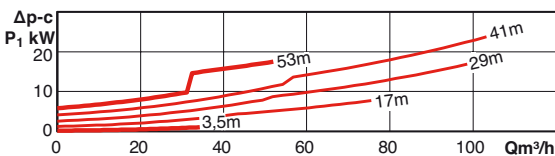
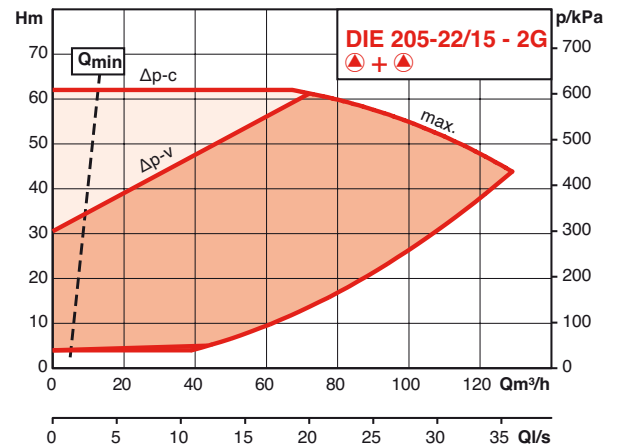
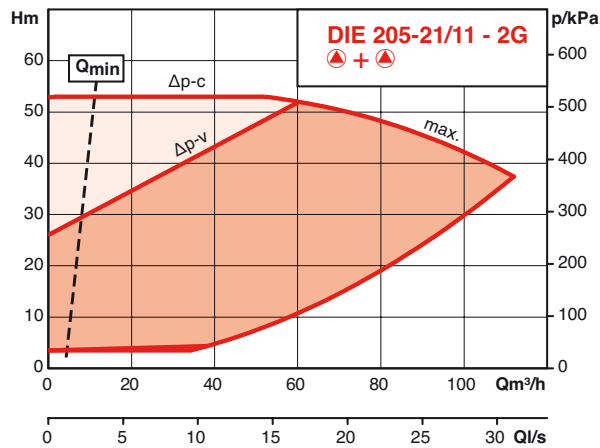
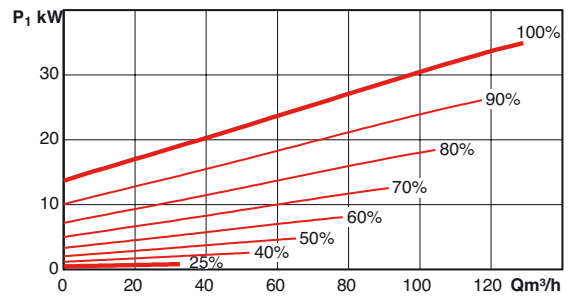
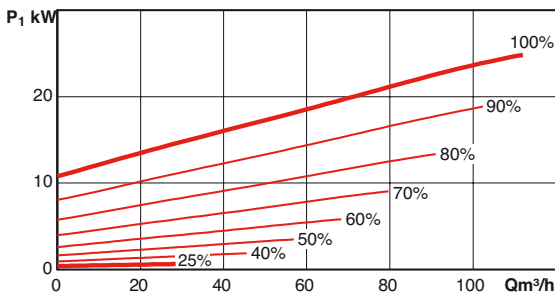
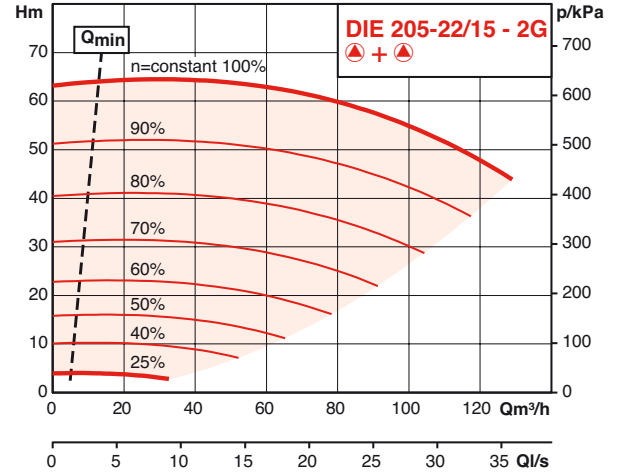
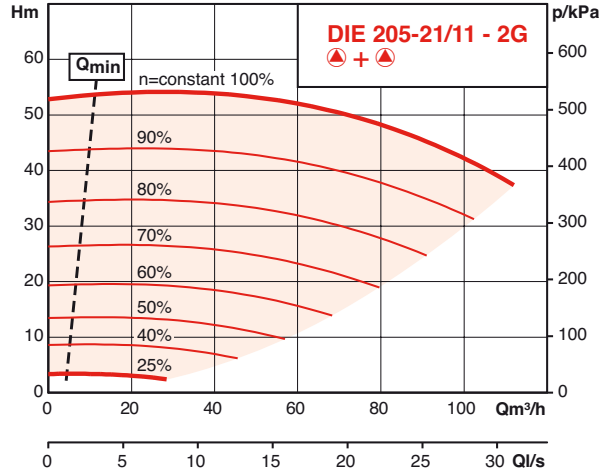
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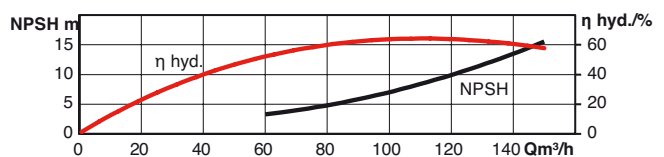
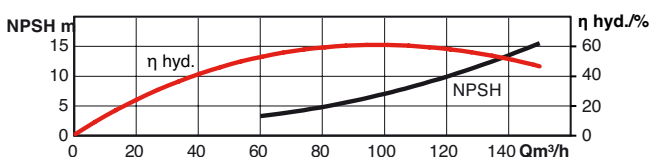
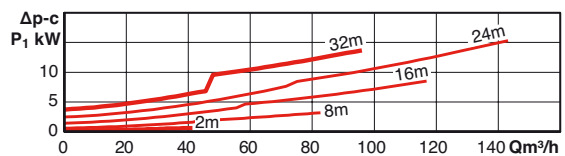
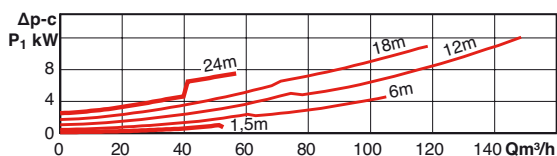
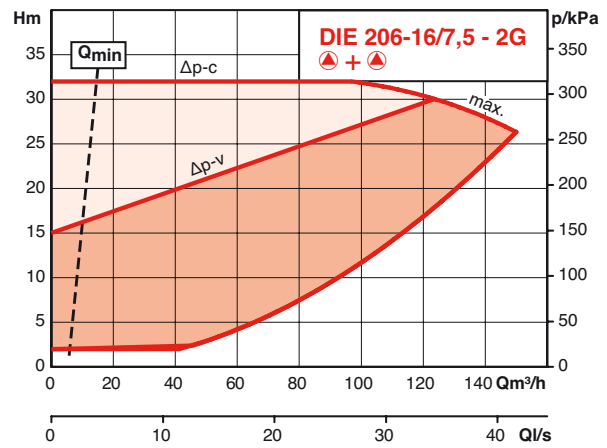
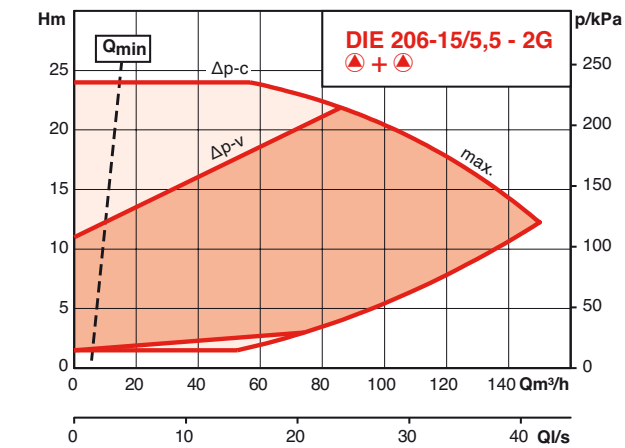
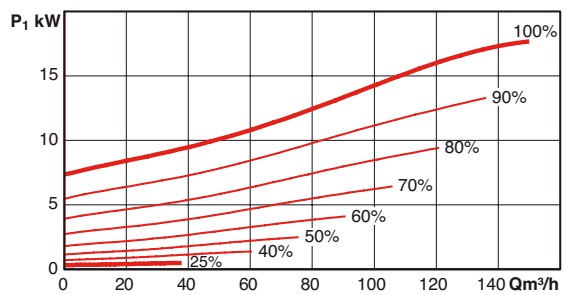
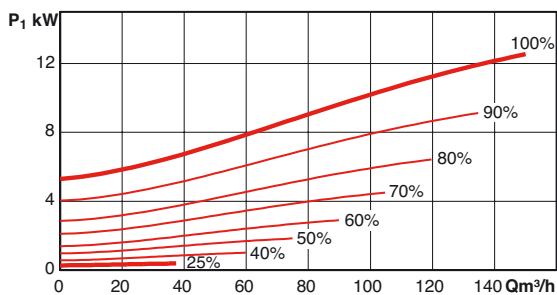
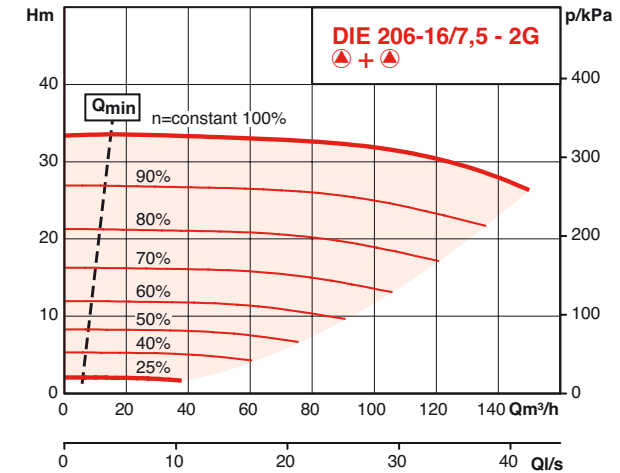
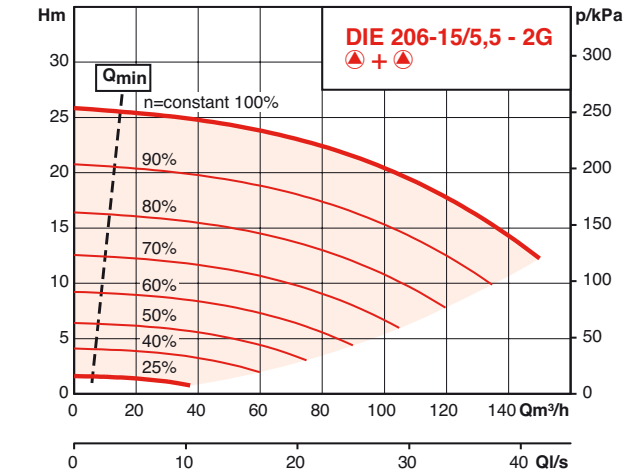
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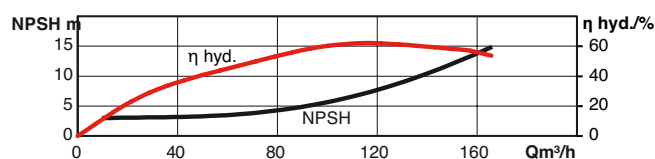
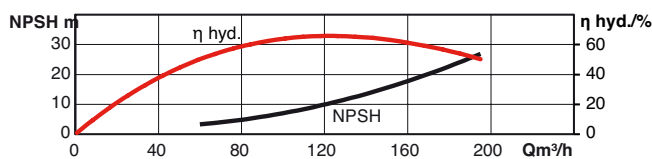
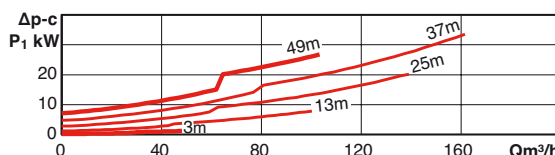
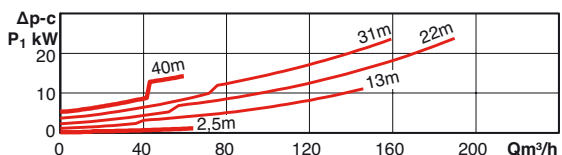
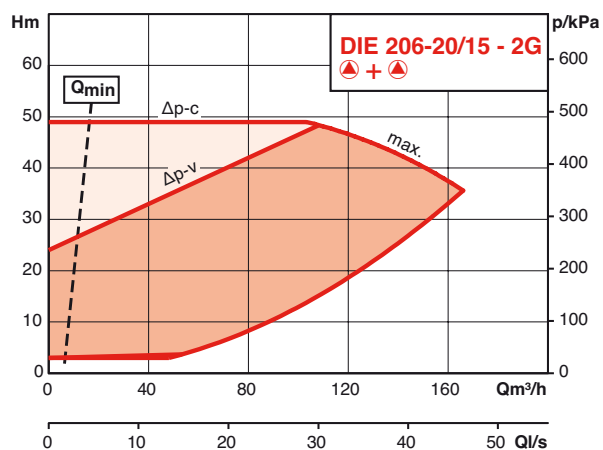
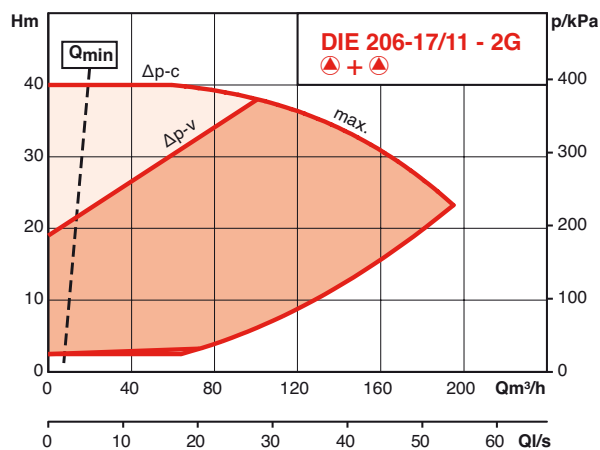
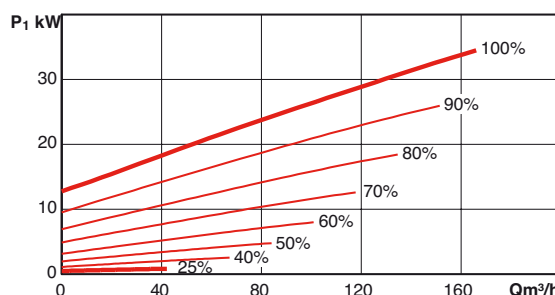
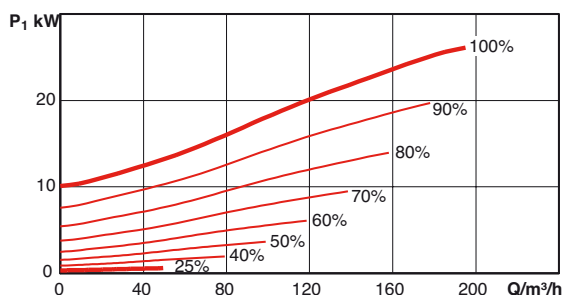
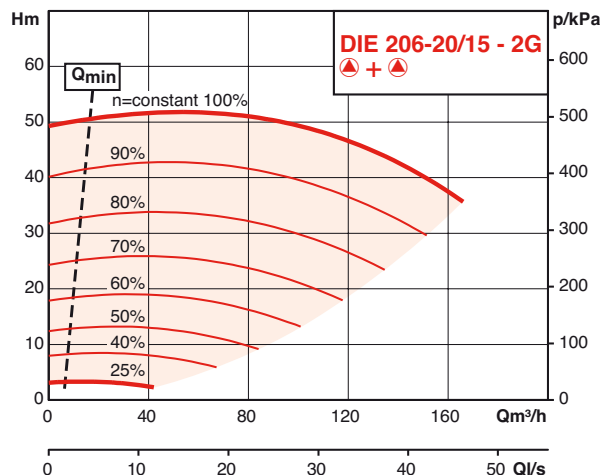
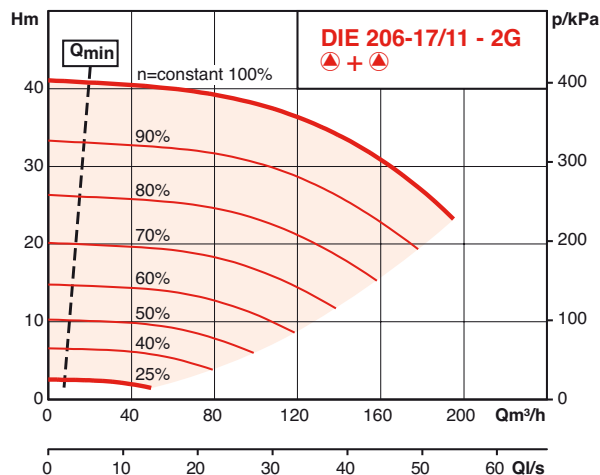
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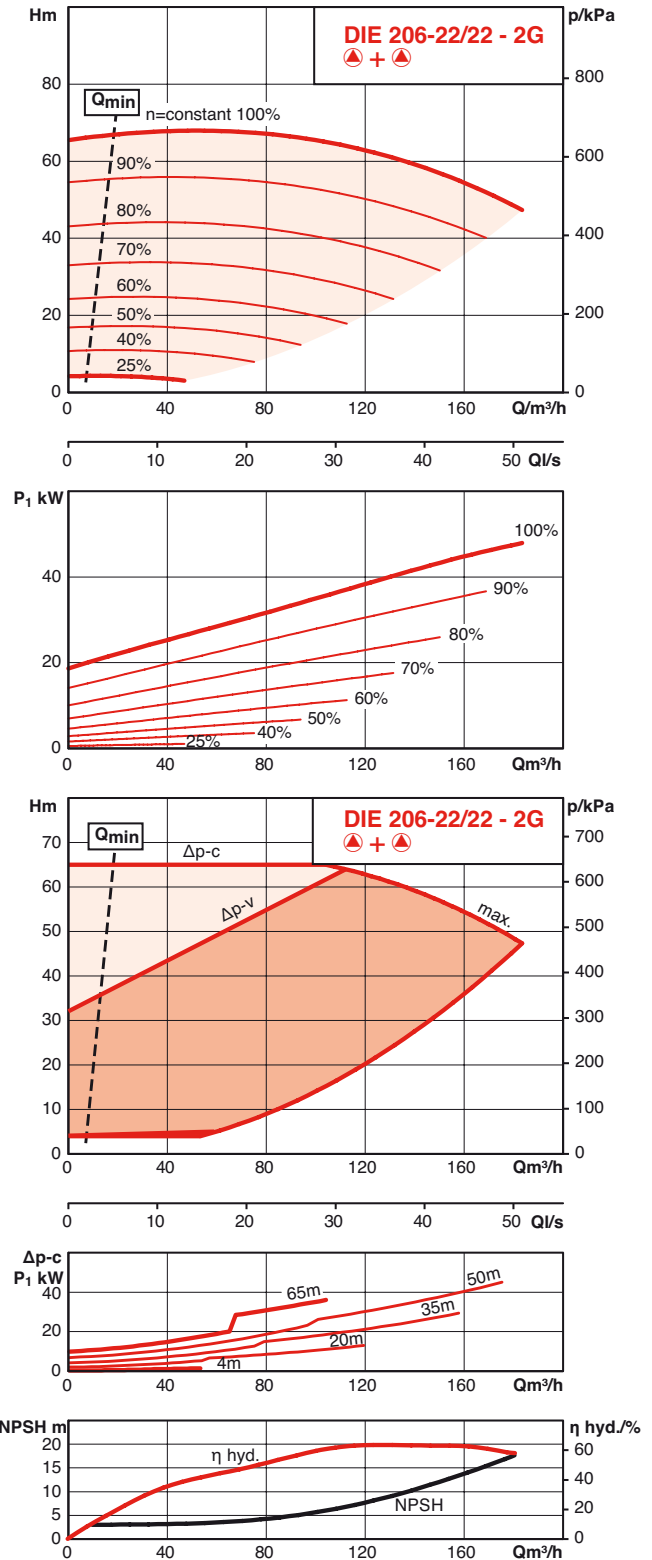
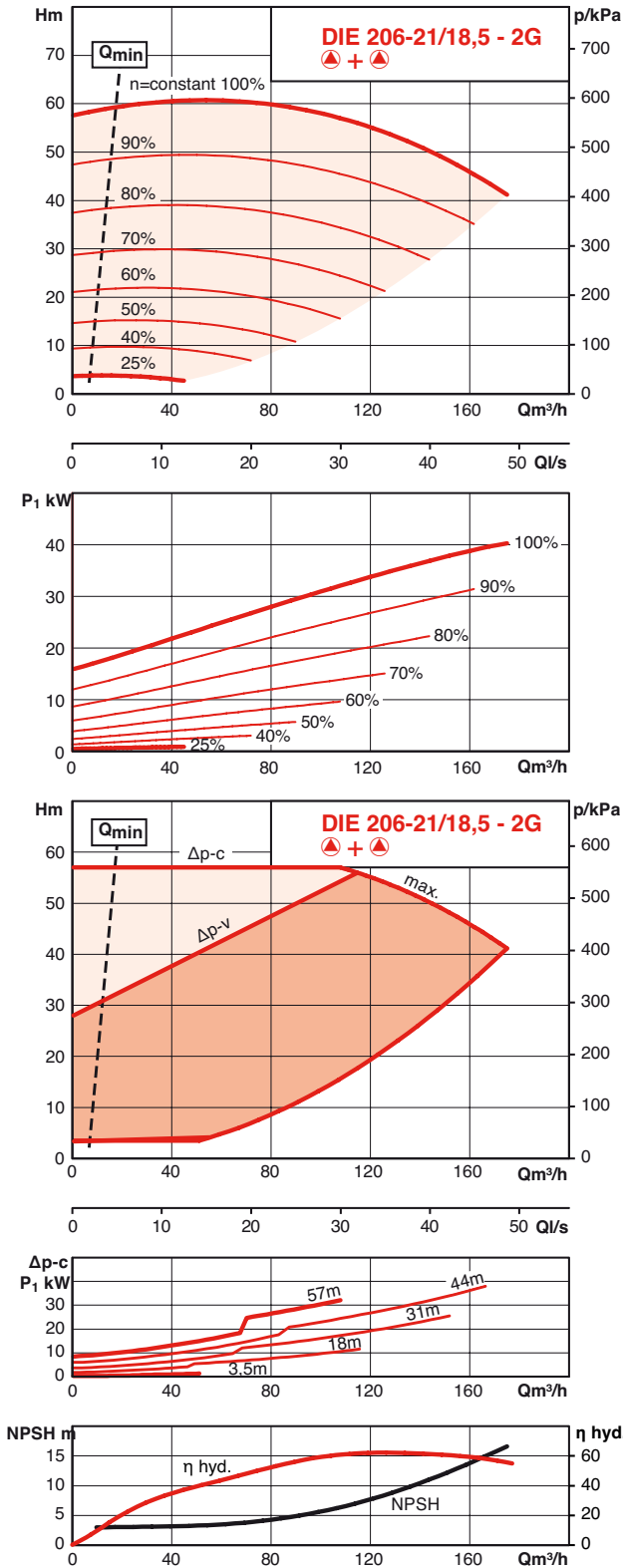
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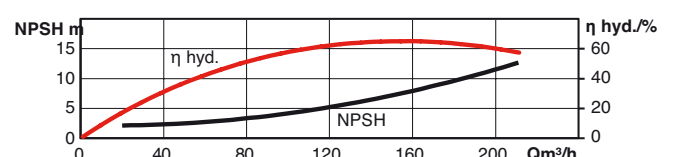
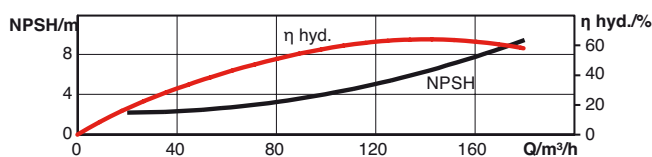
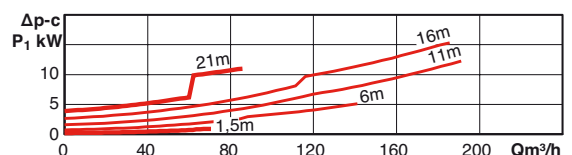
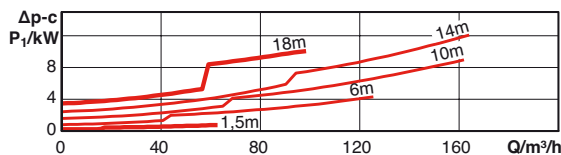
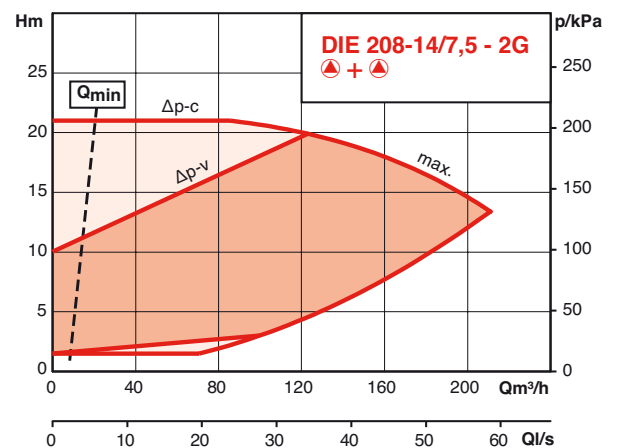
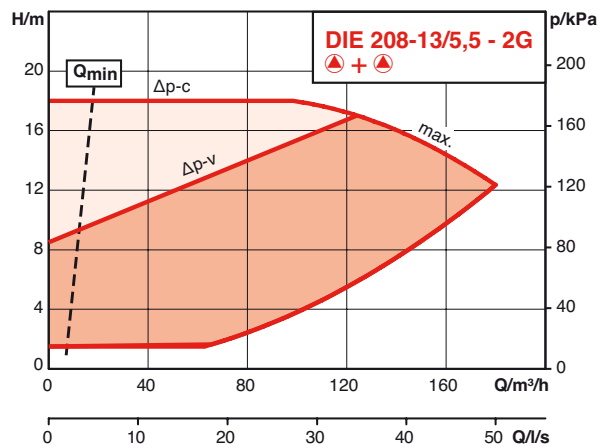
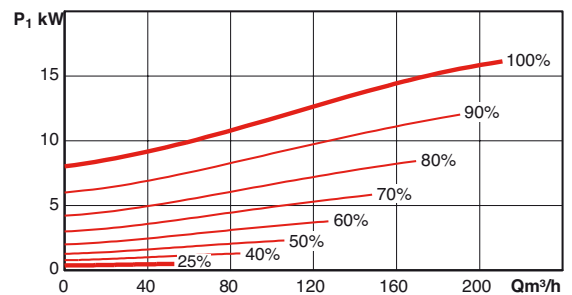
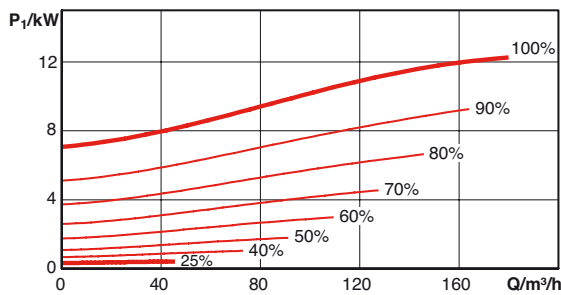
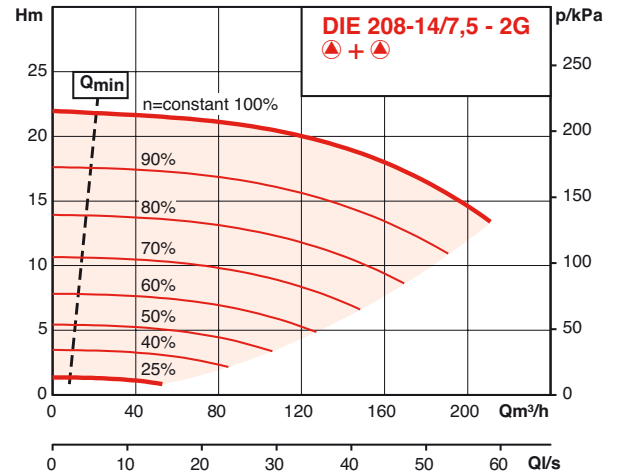
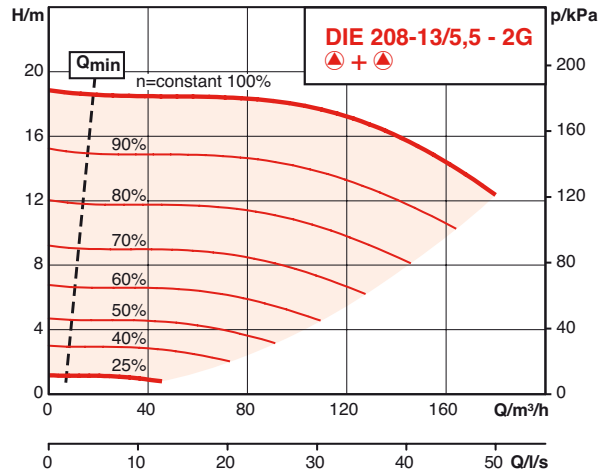
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PERFORMANCES HYDRAULIQUES - FONCTIONNEMENT 2 POMPES EN PARALLELE



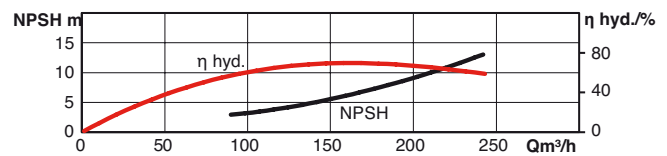
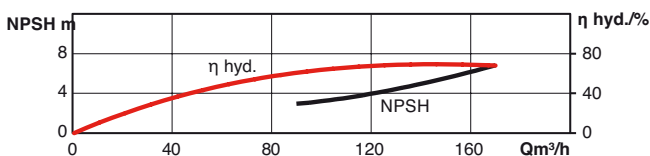
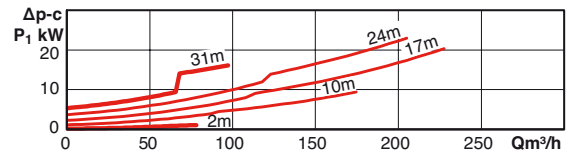
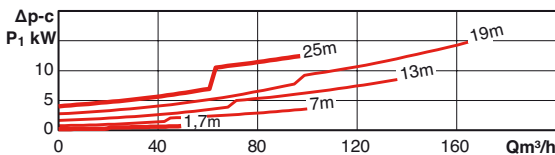
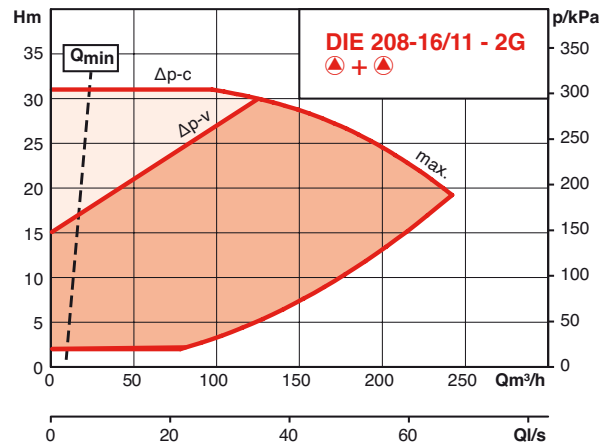
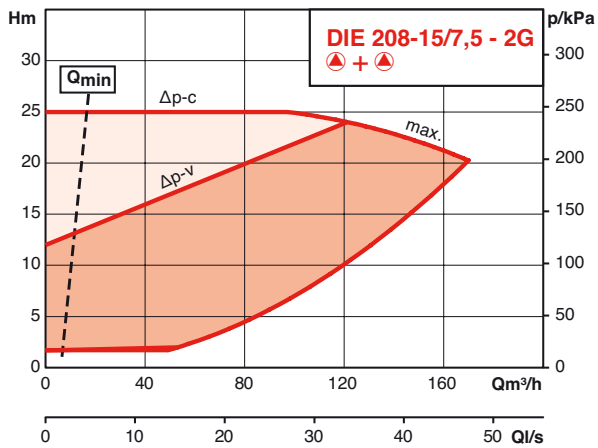
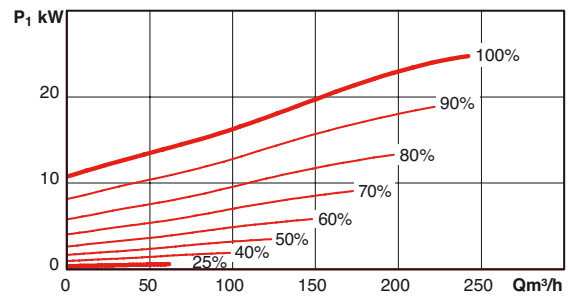
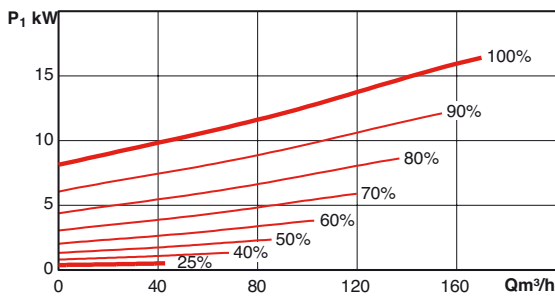
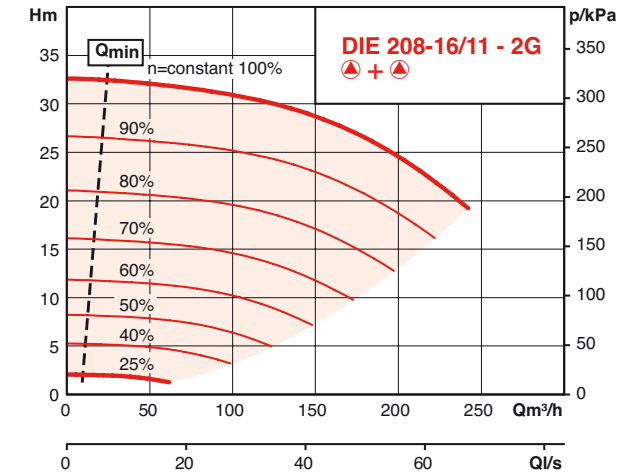
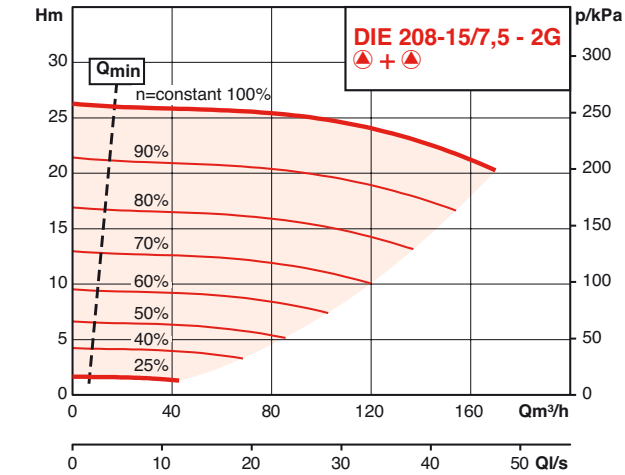
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PERFORMANCES HYDRAULIQUES - FONCTIONNEMENT 2 POMPES EN PARALLELE



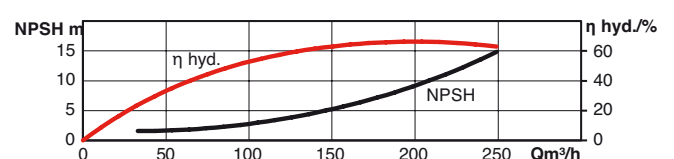
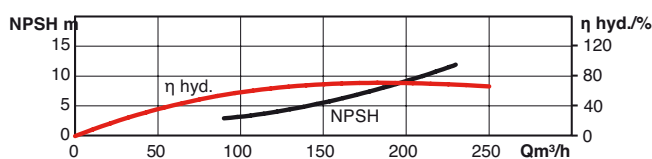
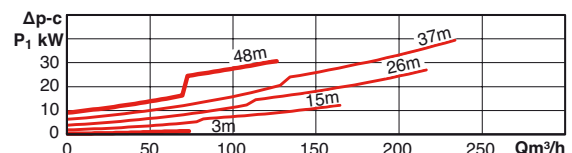
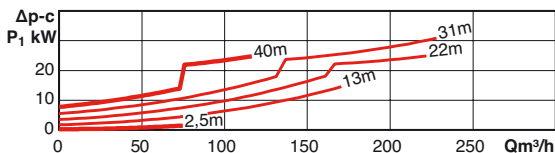
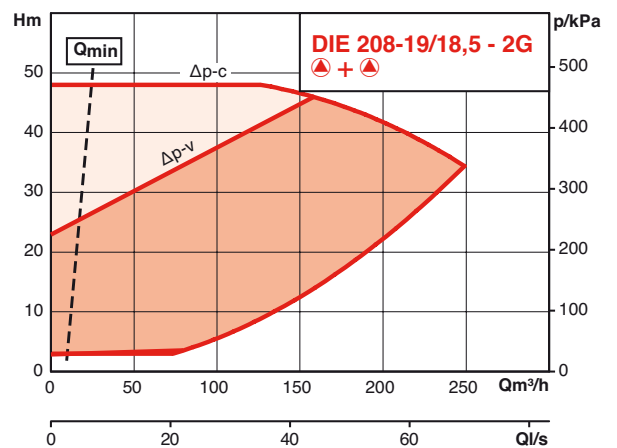
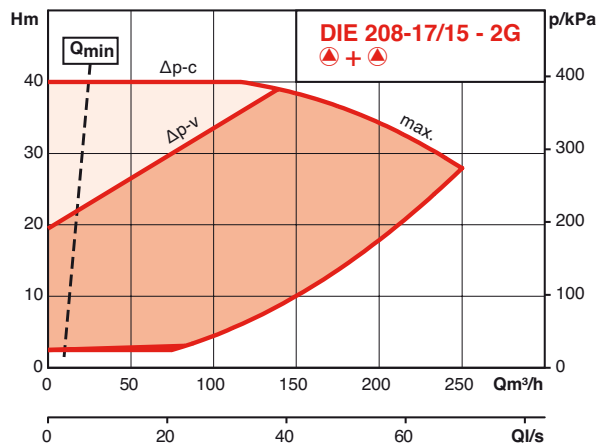
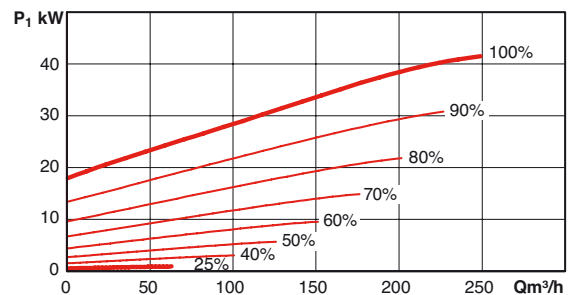
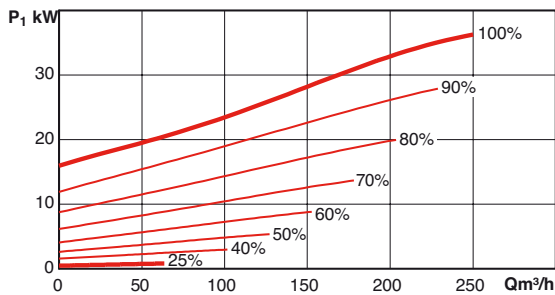
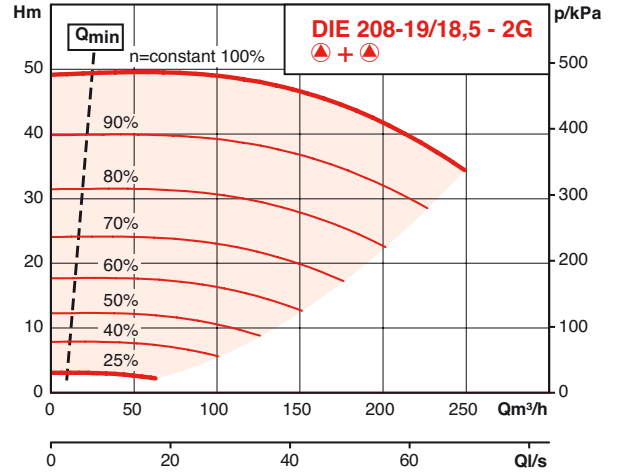
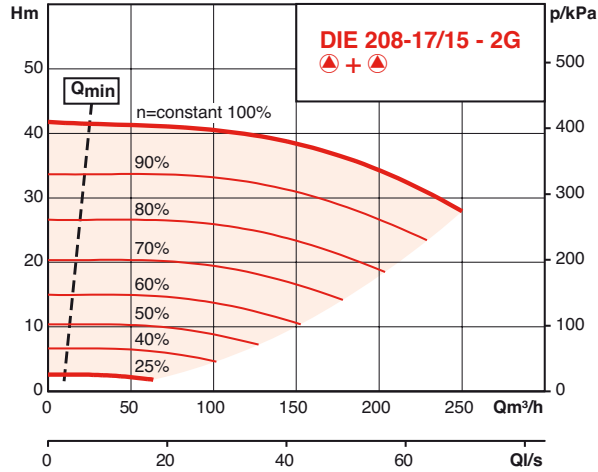
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PERFORMANCES HYDRAULIQUES - FONCTIONNEMENT 2 POMPES EN PARALLELE



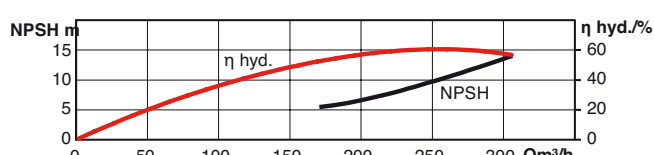
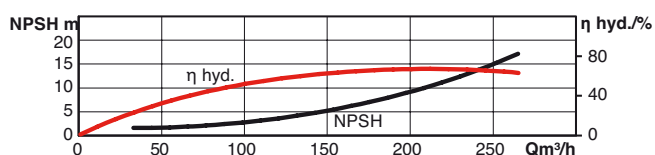
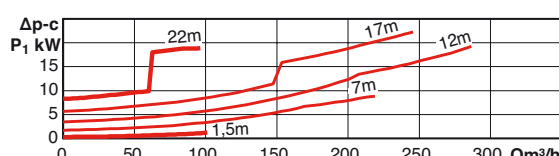
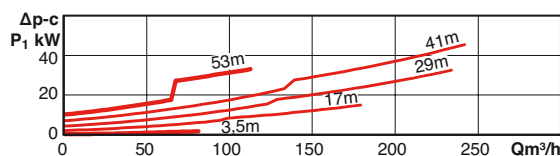
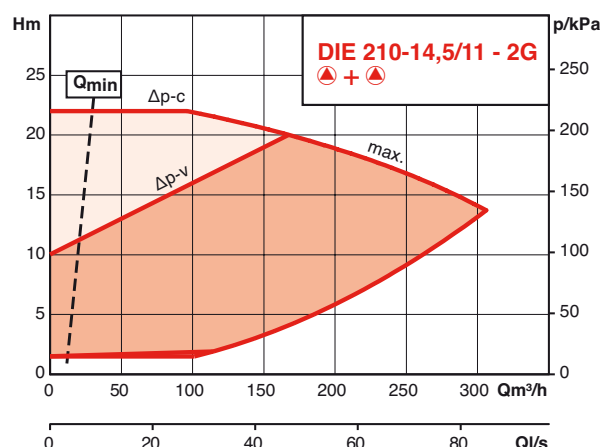
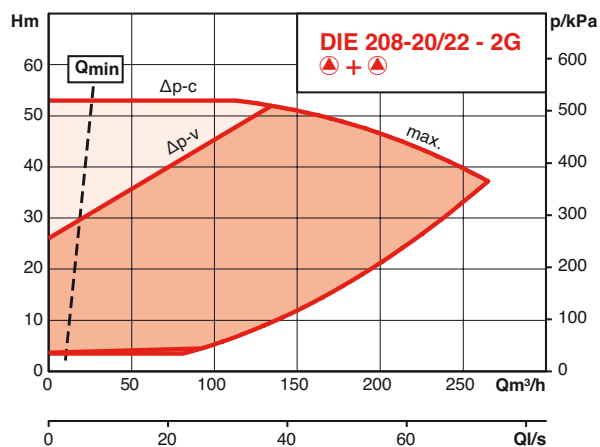
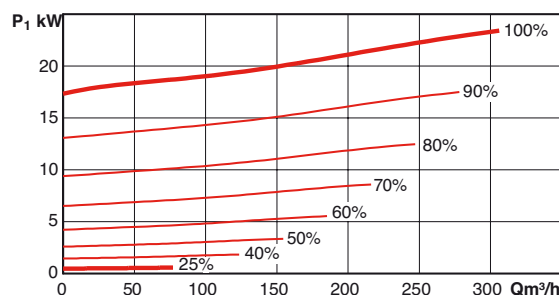
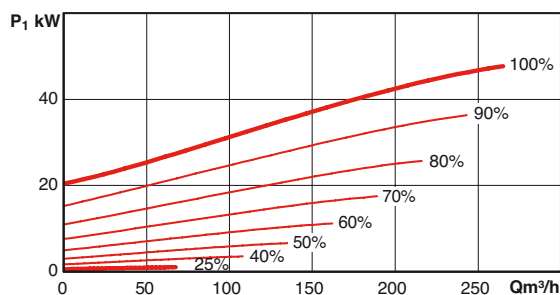
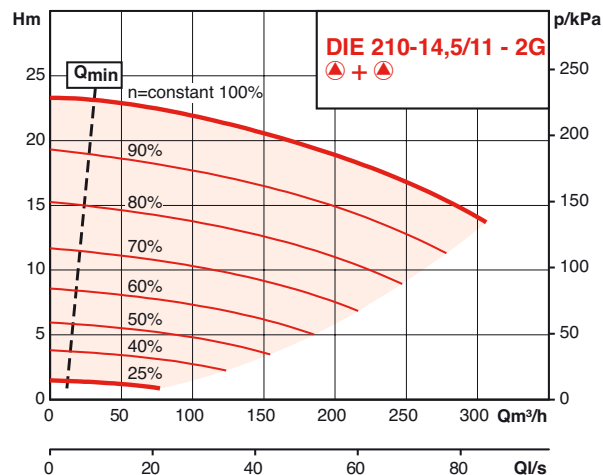
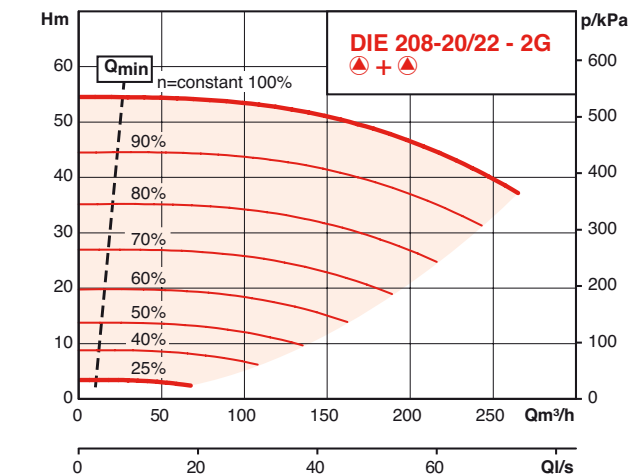
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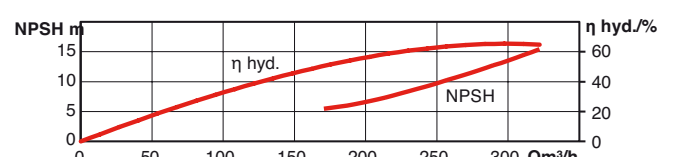
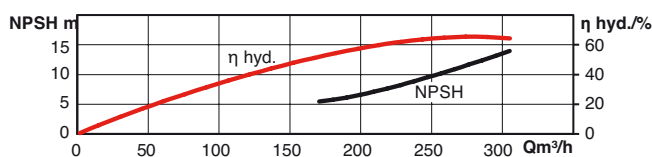
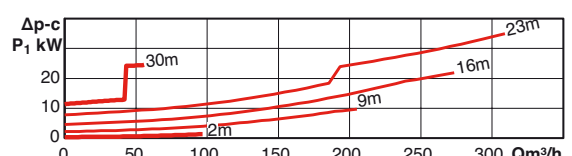
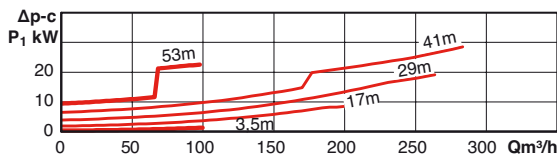
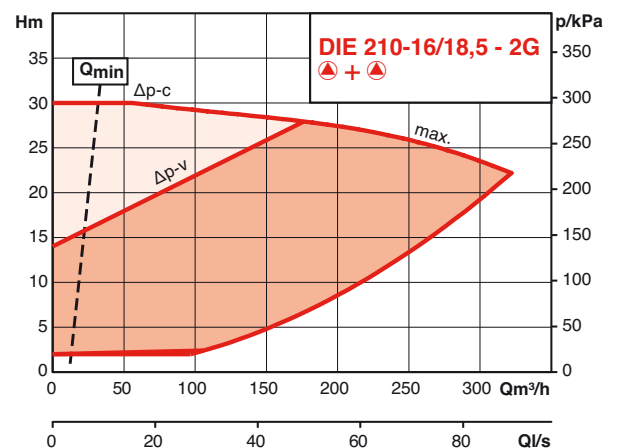
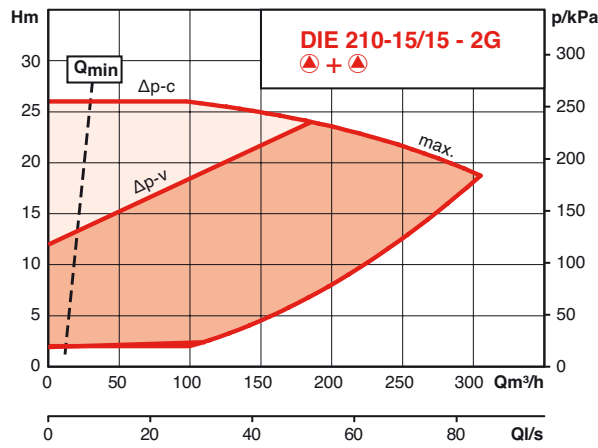
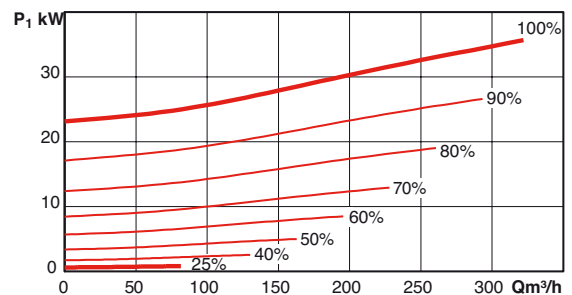
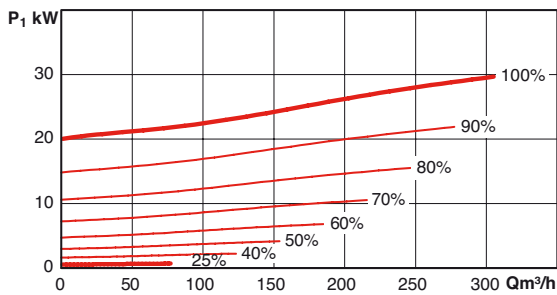
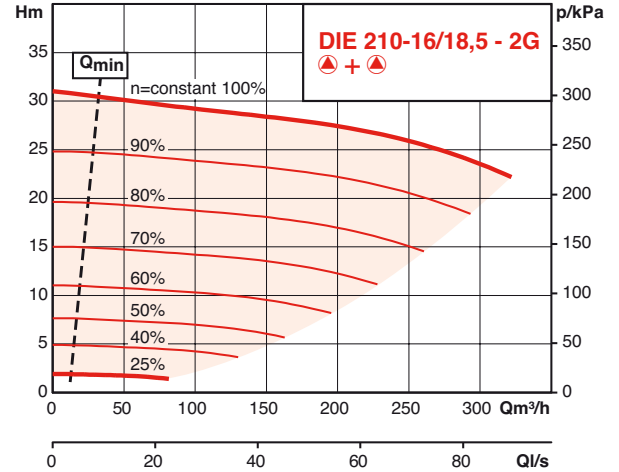
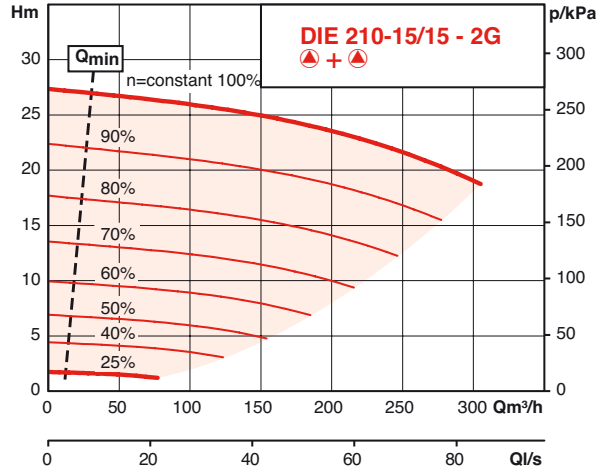
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PERFORMANCES HYDRAULIQUES - FONCTIONNEMENT 2 POMPES EN PARALLELE



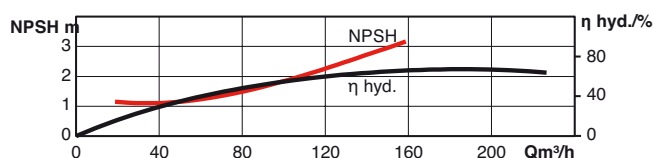
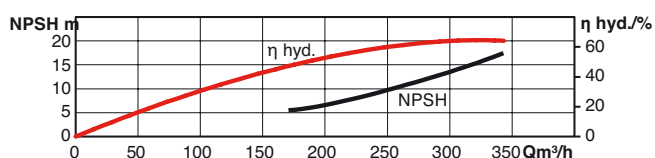
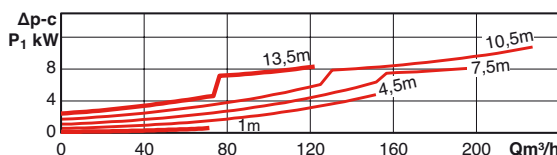
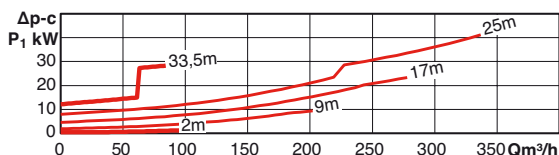
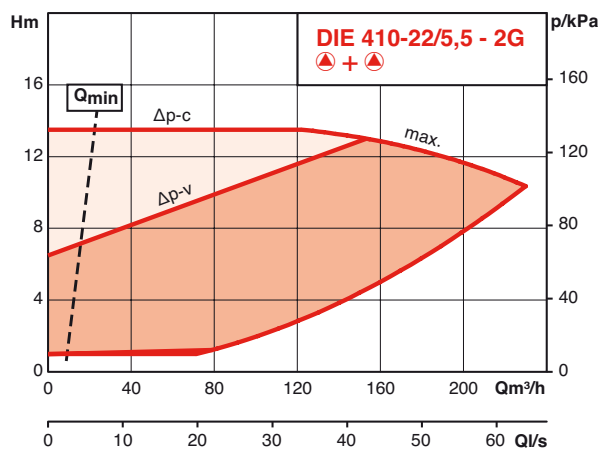
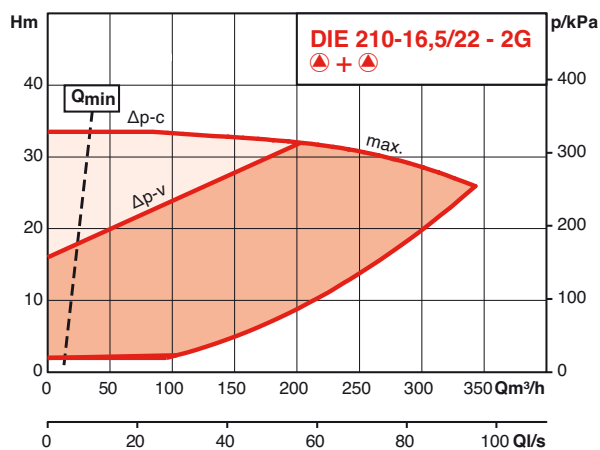
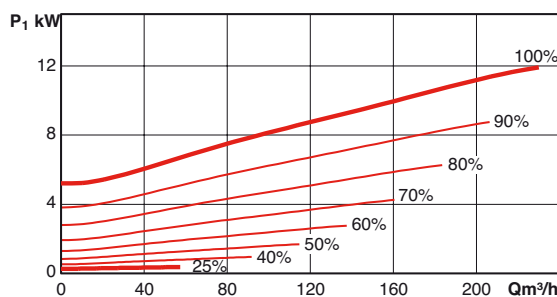
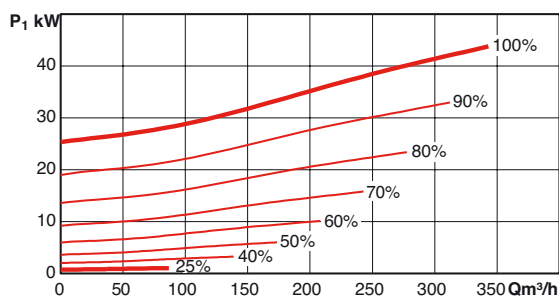
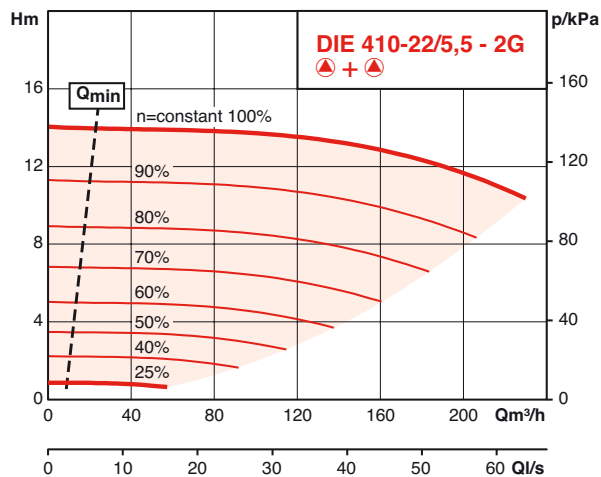
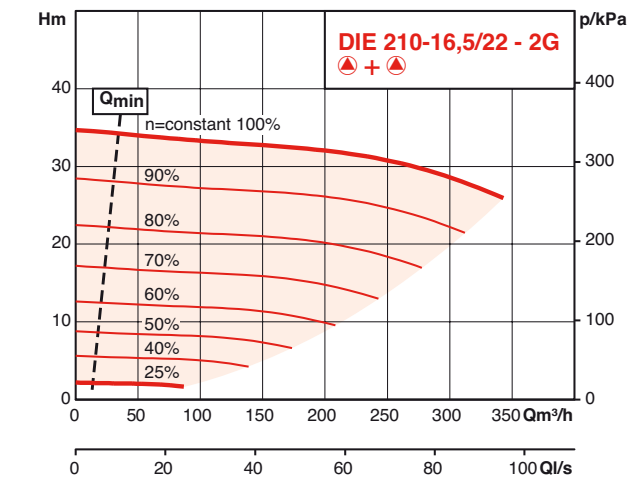
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PERFORMANCES HYDRAULIQUES - FONCTIONNEMENT 2 POMPES EN PARALLELE



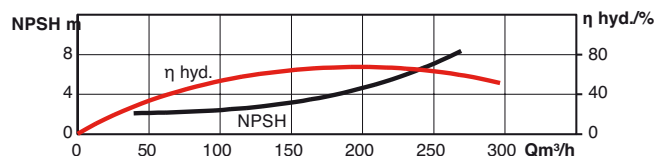
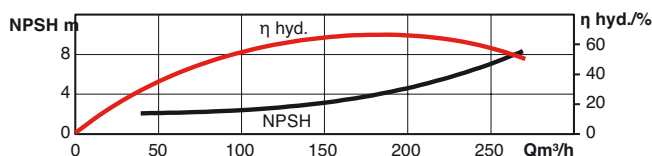
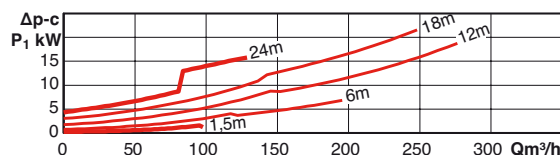
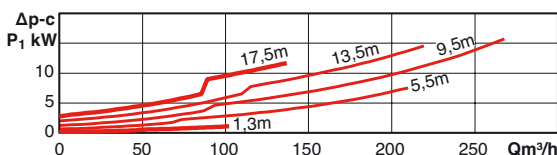
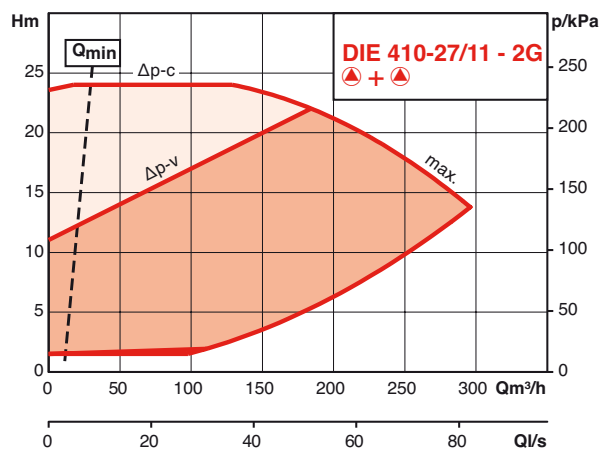
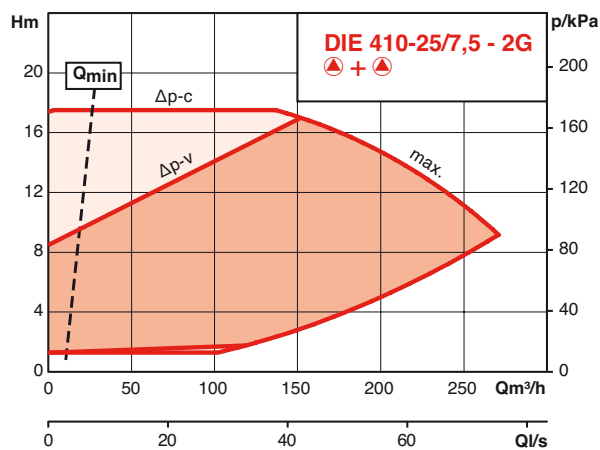
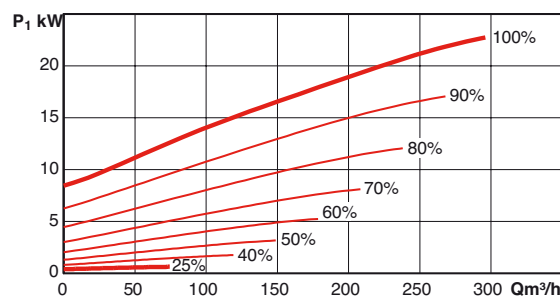
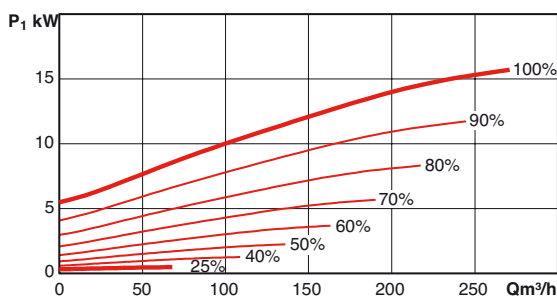
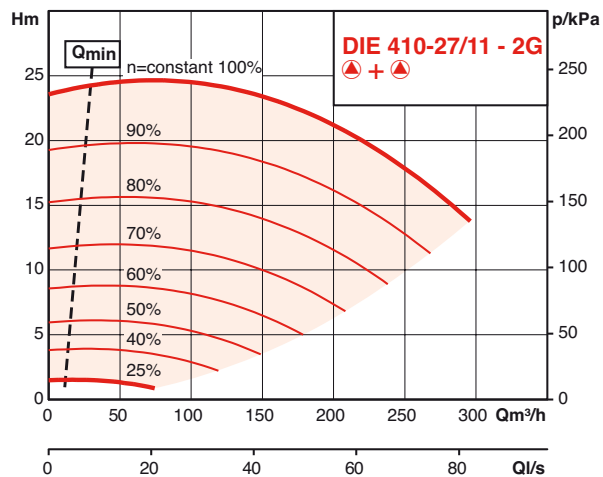
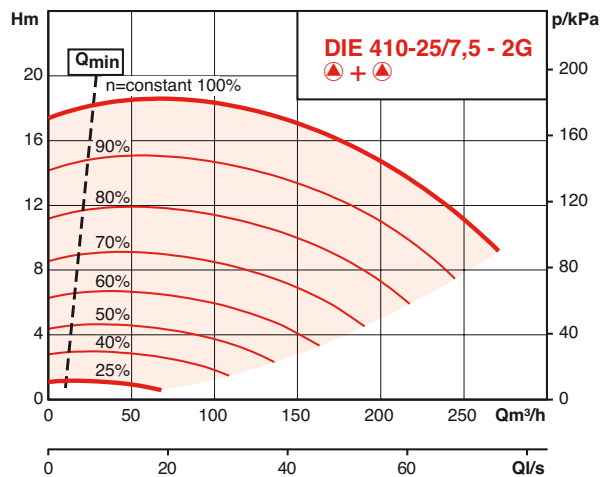
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PERFORMANCES HYDRAULIQUES - FONCTIONNEMENT 2 POMPES EN PARALLELE



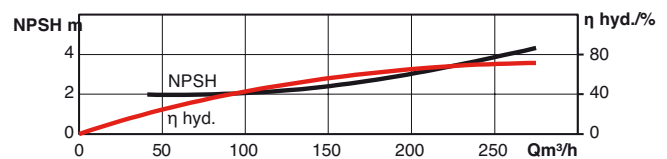
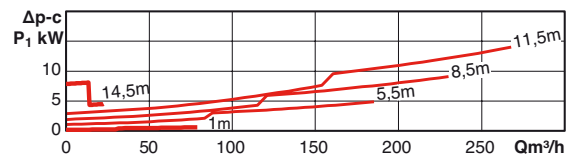
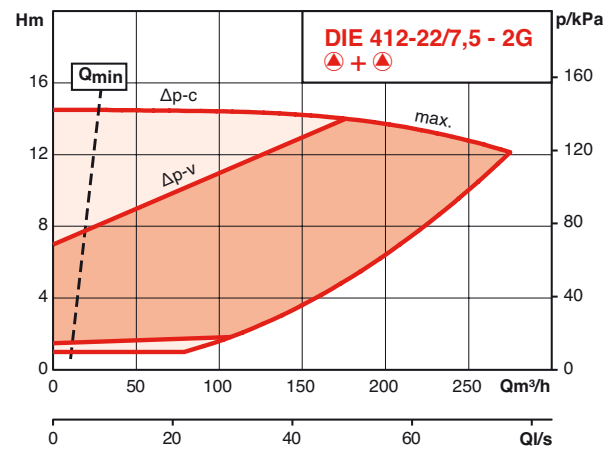
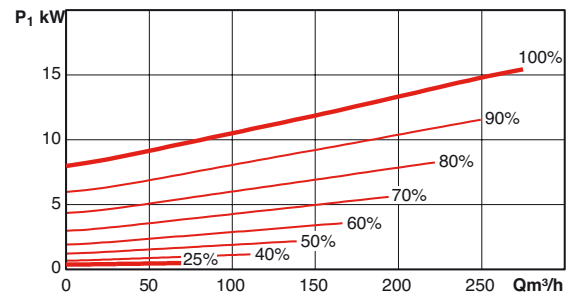
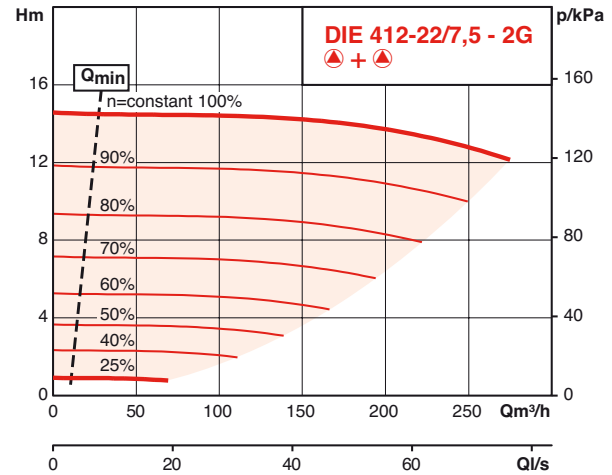
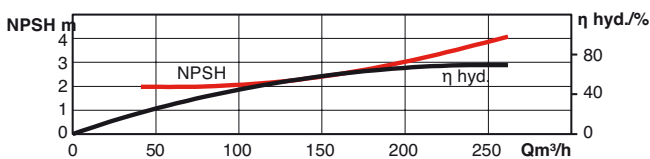
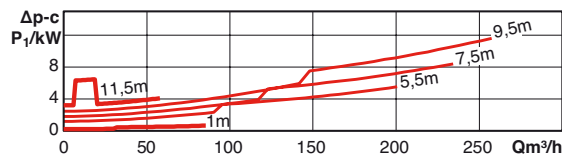
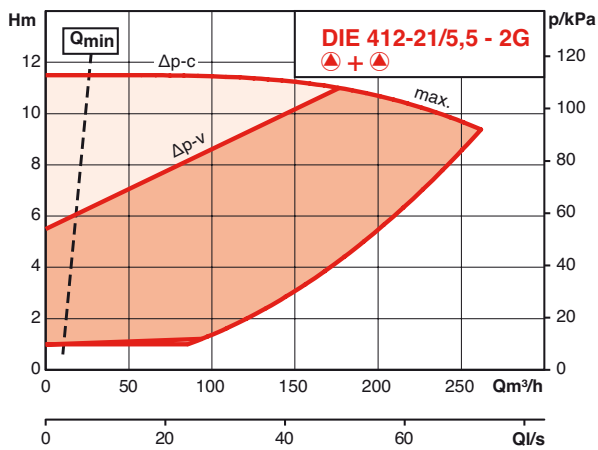
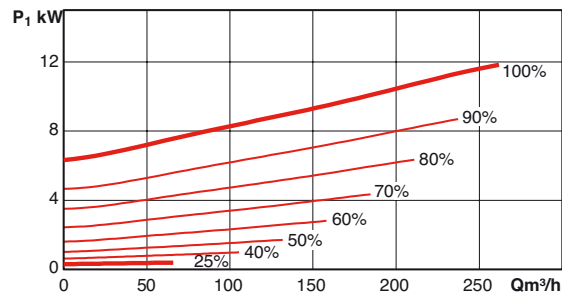
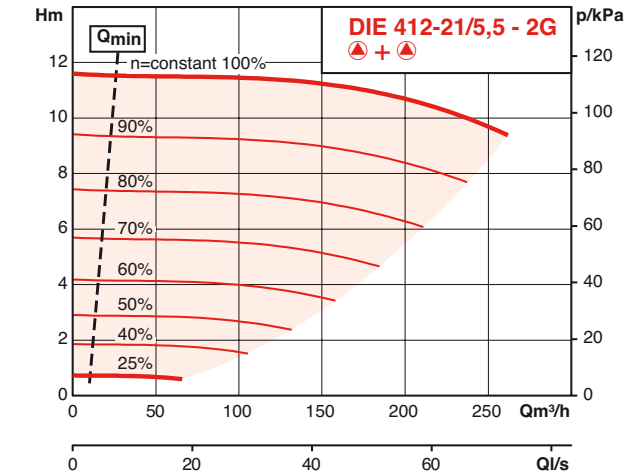
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PERFORMANCES HYDRAULIQUES - FONCTIONNEMENT 2 POMPES EN PARALLELE



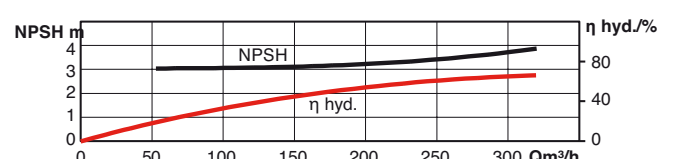
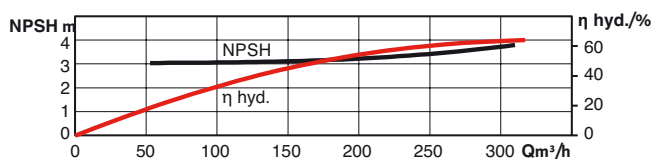
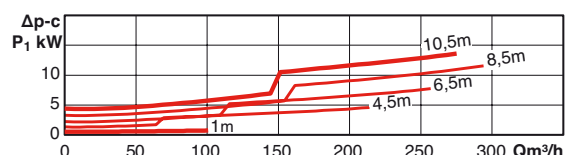
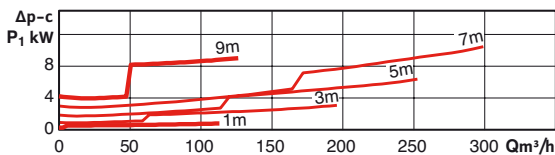
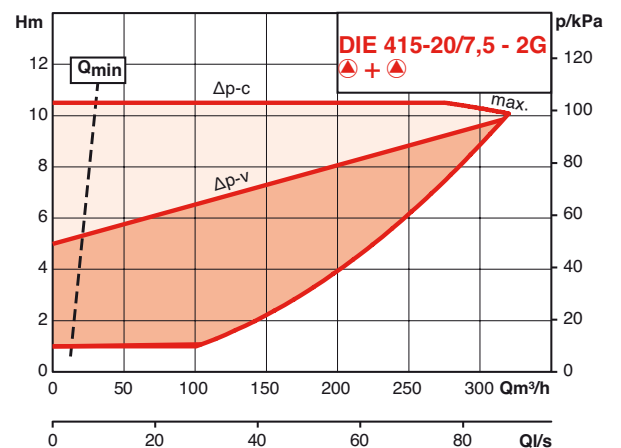
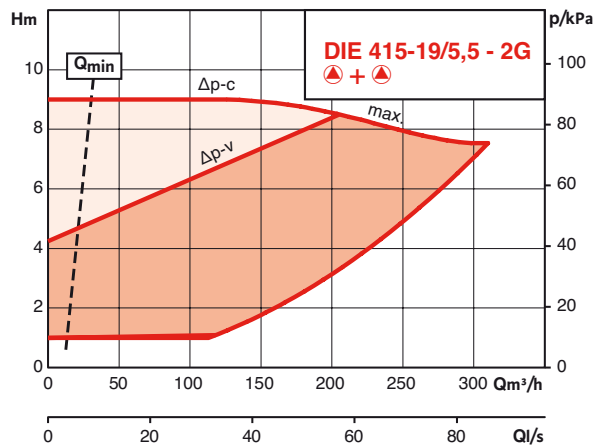
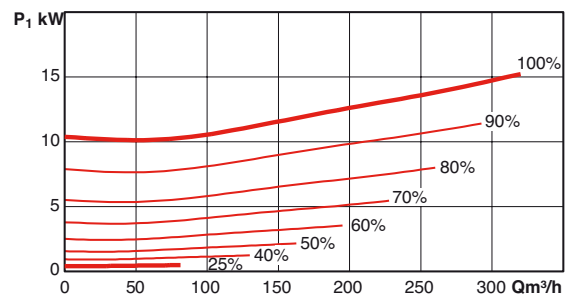
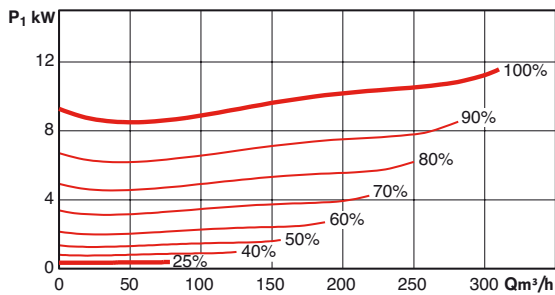
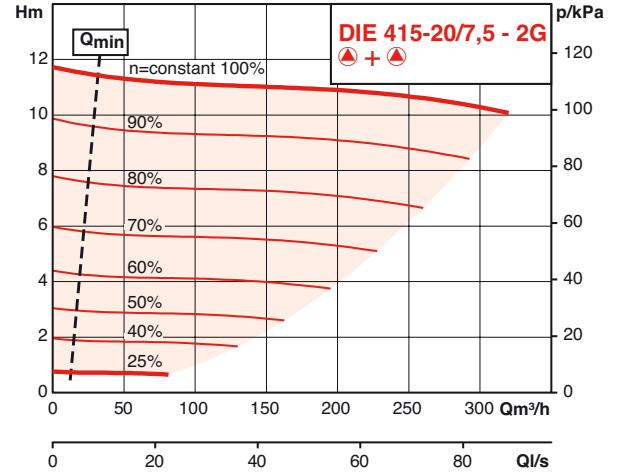
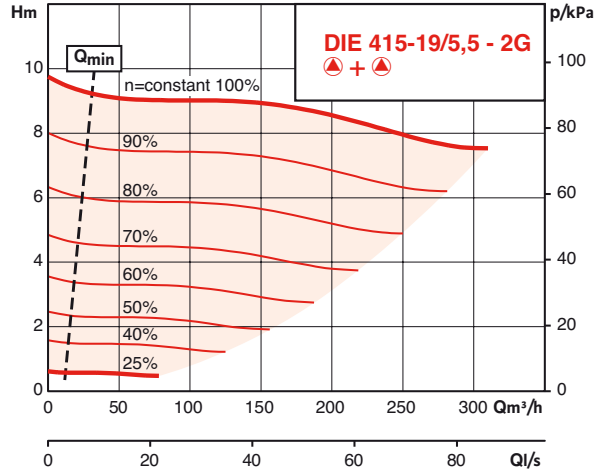
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PERFORMANCES HYDRAULIQUES - FONCTIONNEMENT 2 POMPES EN PARALLELE



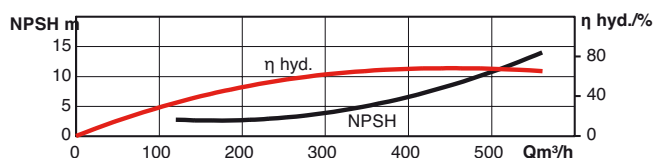
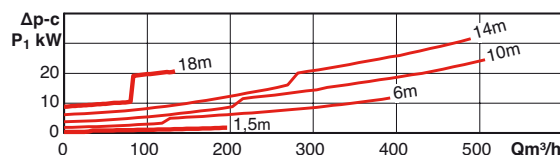
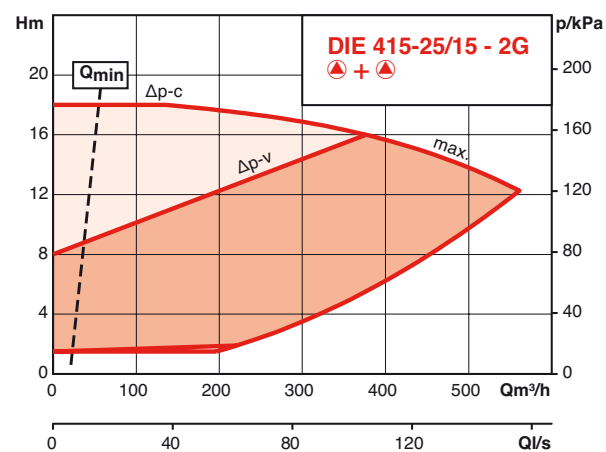
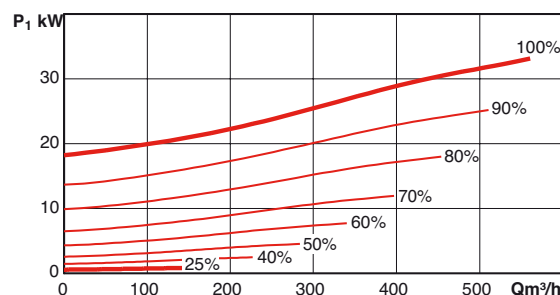
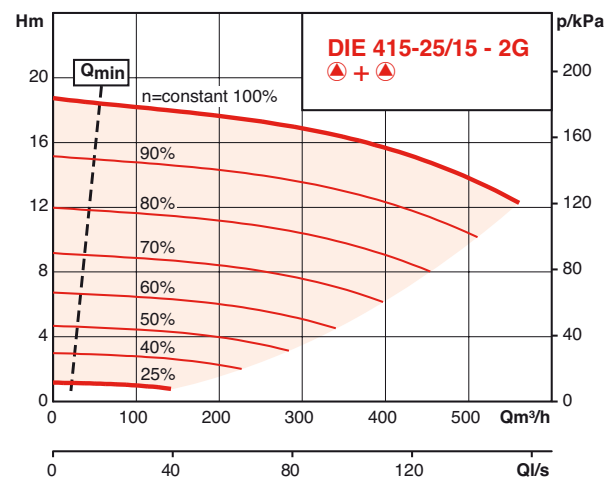
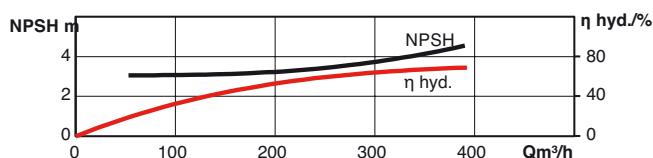
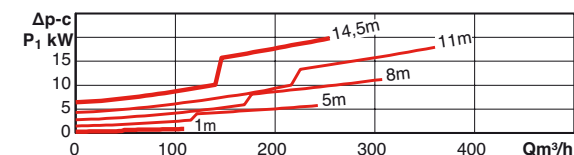
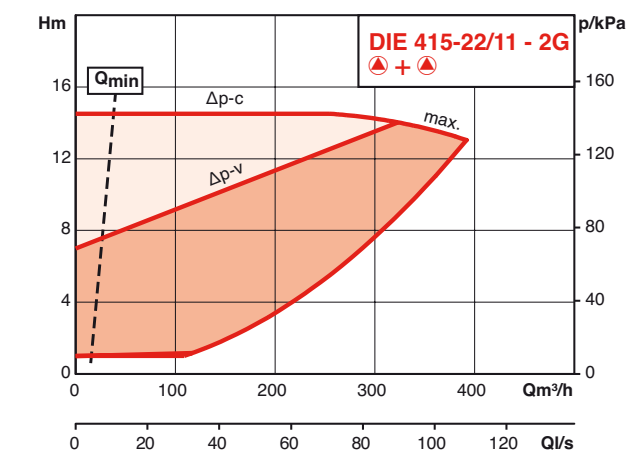
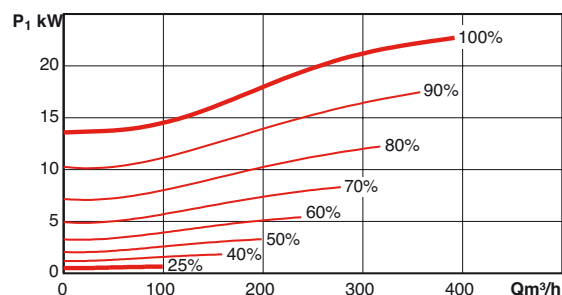
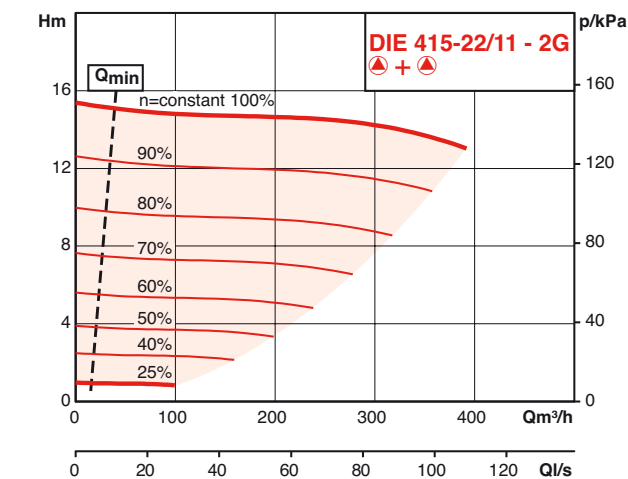
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PERFORMANCES HYDRAULIQUES - FONCTIONNEMENT 2 POMPES EN PARALLELE



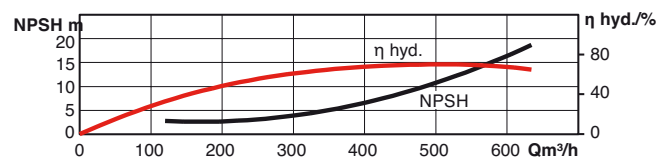
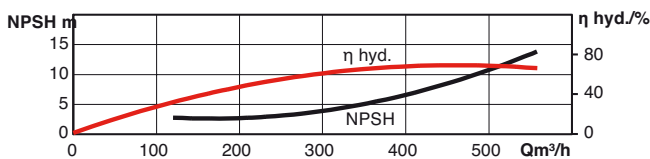
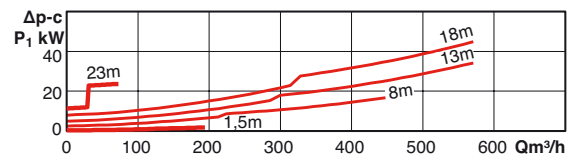
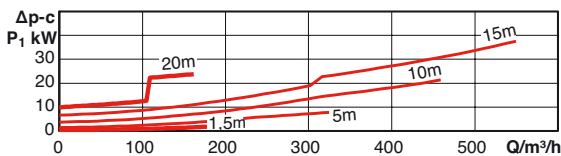
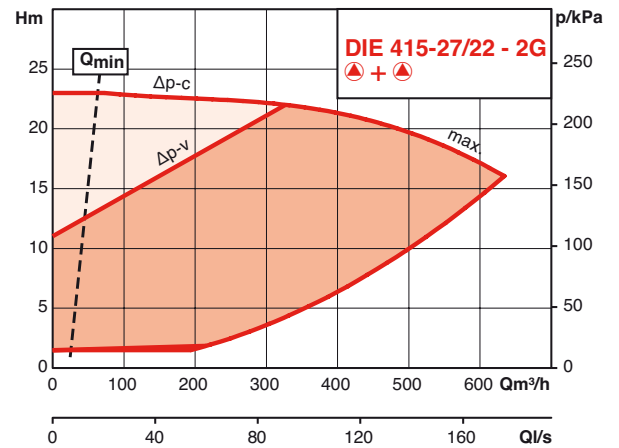
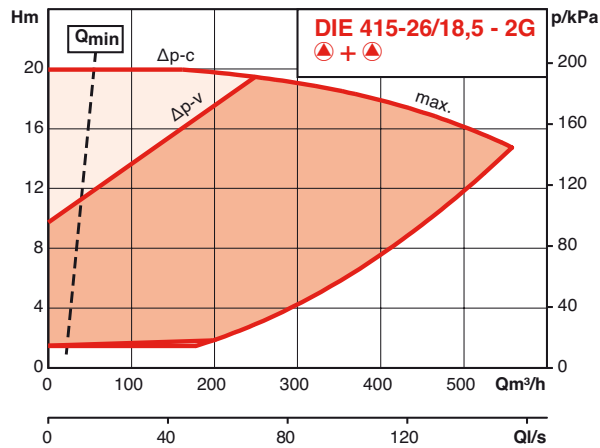
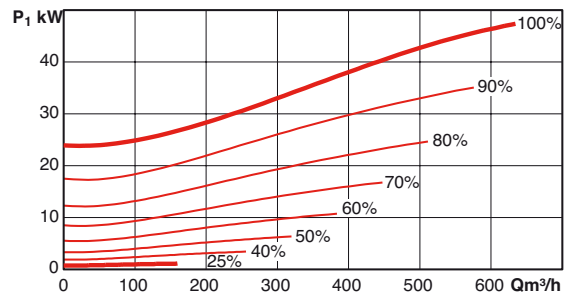
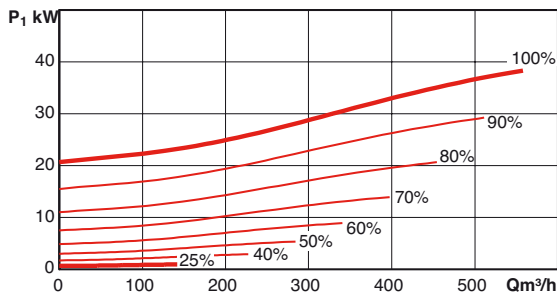
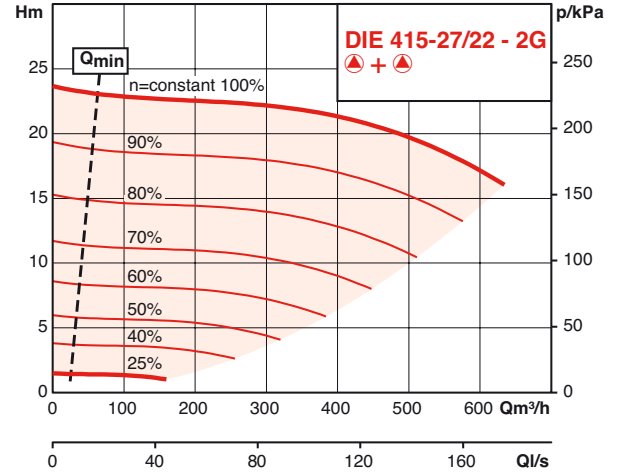
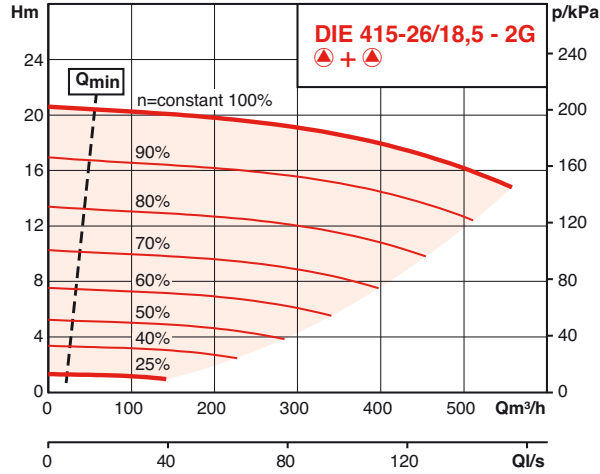
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PERFORMANCES HYDRAULIQUES - FONCTIONNEMENT 2 POMPES EN PARALLELE



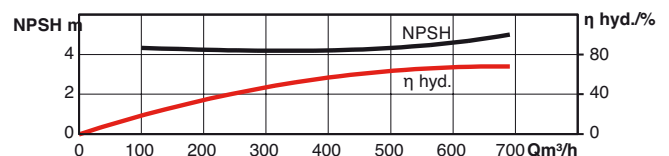
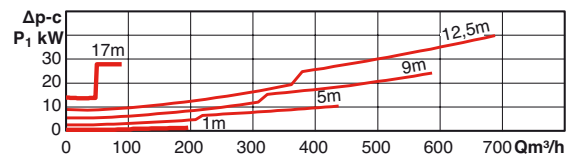
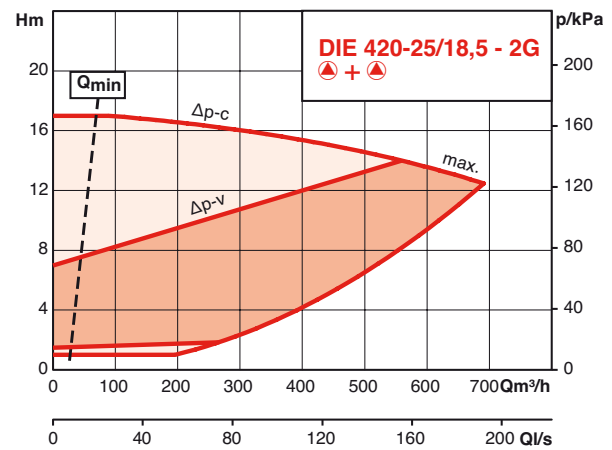
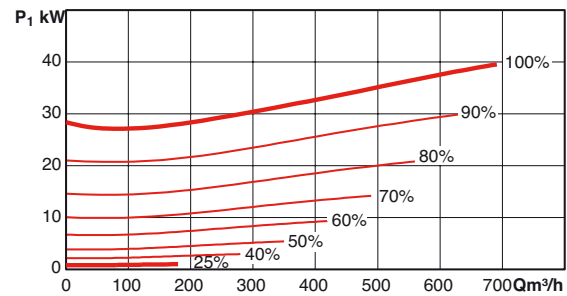
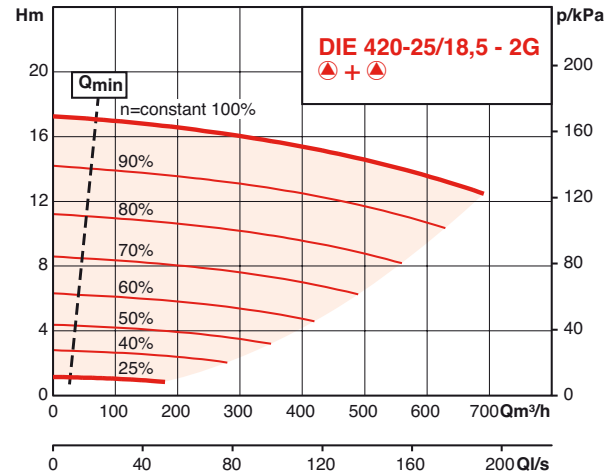
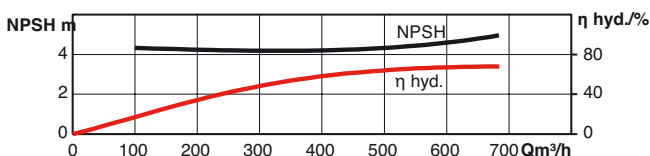
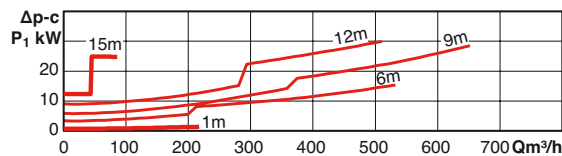
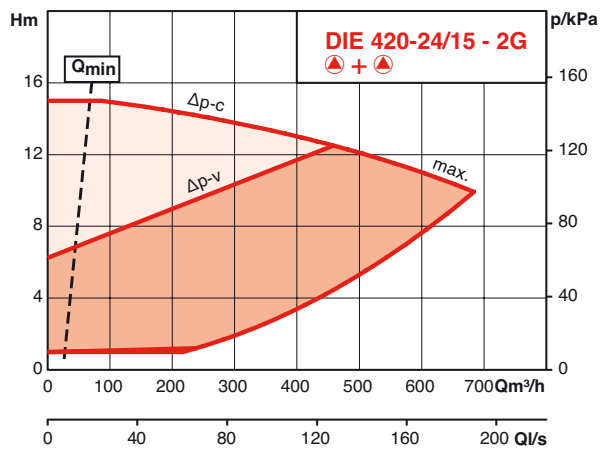
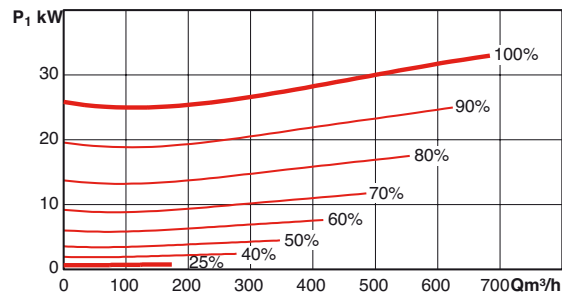
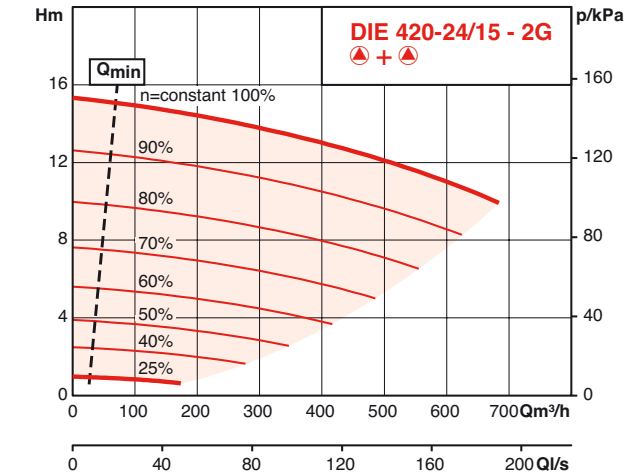
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PERFORMANCES HYDRAULIQUES - FONCTIONNEMENT 2 POMPES EN PARALLELE



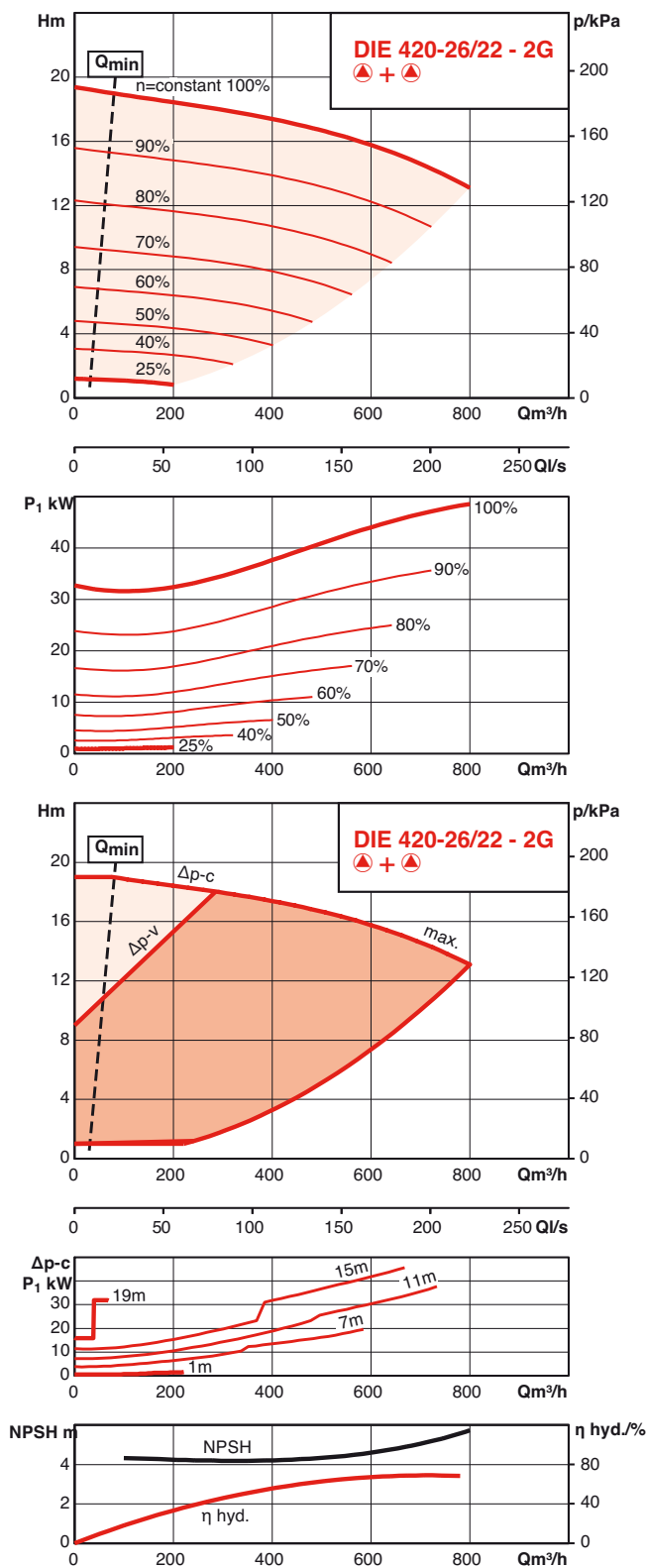
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PERFORMANCES HYDRAULIQUES - FONCTIONNEMENT 2 POMPES EN PARALLELE



DIE

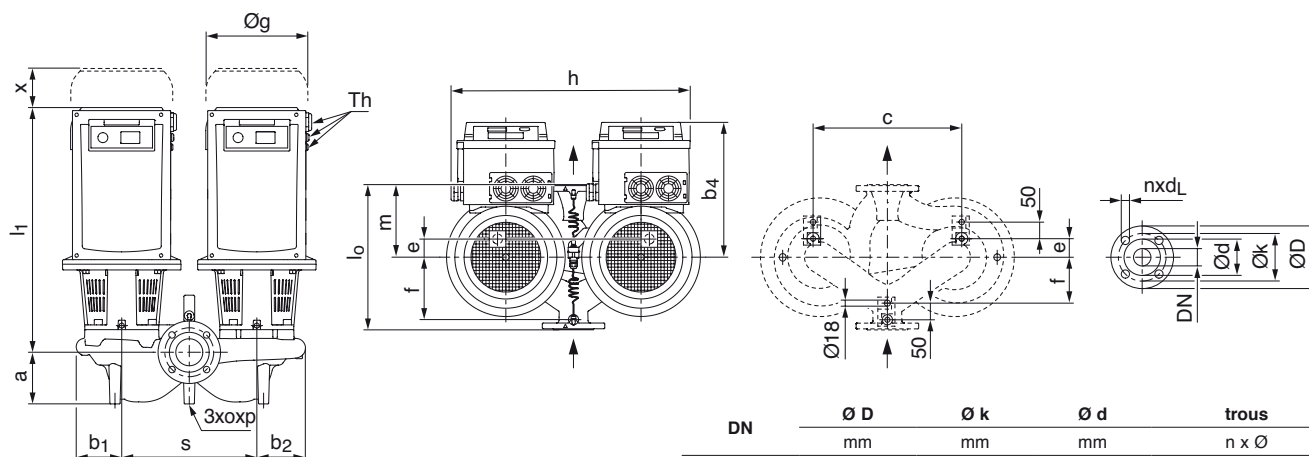
PERFORMANCES HYDRAULIQUES - FONCTIONNEMENT 2 POMPES EN PARALLELE



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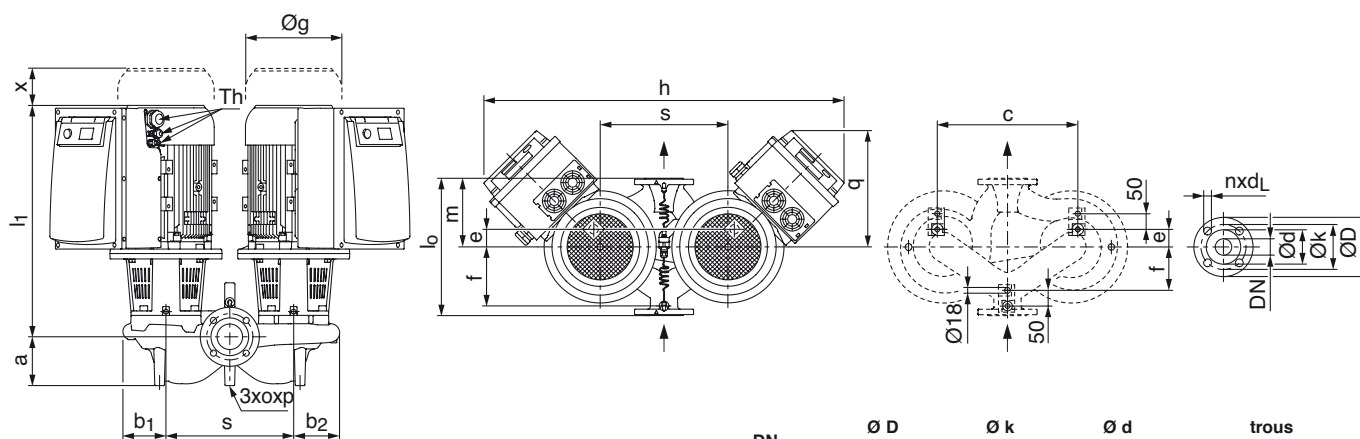
CARACTÉRISTIQUES ÉLECTRIQUES ET DIMENSIONNELLES

• Schéma dimensionnel A



DN	Ø D mm	Ø k mm	Ø d mm	trous n x Ø
40	150	110	84	4 x 19
50	165	125	99	4 x 19
65	185	145	118	4 x 19
80	200	160	132	8 x 19
100	220	180	156	8 x 19
125	250	210	184	8 x 19
150	285	240	211	8 x 23
200	340	295	266	12 x 23

• Schéma dimensionnel B



DN	Ø D mm	Ø k mm	Ø d mm	trous n x Ø
40	150	110	84	4 x 19
50	165	125	99	4 x 19
65	185	145	118	4 x 19
80	200	160	132	8 x 19
100	220	180	156	8 x 19
125	250	210	184	8 x 19
150	285	240	211	8 x 23
200	340	295	266	12 x 23

DIE

CARACTÉRISTIQUES ÉLECTRIQUES ET DIMENSIONNELLES

RÉFÉRENCE COMMANDE	MOTEUR				POMPE																			Schéma
	Puissance nom. moteur	Vitesse rotation	Puissance absorbée max.	Courant nominal (env.)	DN	L0	A	B1	B2	Q	B4	C	E	F	Ø G	H	L1	M	O	P	S	X	masse	
	P2	tr/min	P1	en A	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg	
	W		W																					
DIE204-17/5.5-2G	5500	750 - 2900	6700	11.3	40	340	100	120	127	293	-	400	52	145	266	925	580	170	M10	20	340	95	180	B
DIE204-20/7.5-2G	7500	750 - 2900	8900	14.4	40	440	110	145	147	-	303	500	38	192	266	621	593	220	M10	20	400	100	211	A
DIE204-22/11-2G	11000	750 - 2900	13000	20.9	40	440	110	145	147	-	427	500	38	192	302	720	716	220	M10	20	400	100	337	A
DIE205-16/5.5-2G	5500	750 - 2900	6600	11.1	50	340	120	126	136	293	-	360	50	130	266	925	577	180	M10	20	340	100	184	B
DIE205-17/7.5-2G	7500	750 - 2900	8900	14.4	50	340	120	126	136	293	-	360	50	130	266	925	577	180	M10	20	340	100	192	B
DIE205-18/7.5-2G	7500	750 - 2900	8900	14.2	50	440	120	145	148	-	303	500	50	200	266	621	599	220	M10	20	400	100	189	A
DIE205-21/11-2G	11000	750 - 2900	13000	20.8	50	440	120	145	148	-	427	500	50	200	302	720	722	220	M10	20	400	100	342	A
DIE205-22/15-2G	15000	750 - 2900	19000	27.5	50	440	120	145	148	-	427	500	50	200	302	720	722	220	M10	20	400	100	357	A
DIE206-15/5.5-2G	5500	750 - 2900	6600	10.5	65	430	153	134	144	293	-	440	55	185	266	985	595	215	M12	20	400	120	202	B
DIE206-16/7.5-2G	7500	750 - 2900	8900	14.4	65	430	153	134	144	293	-	440	55	185	266	985	595	215	M12	20	400	120	210	B
DIE206-17/11-2G	11000	750 - 2900	13100	20.2	65	430	153	134	144	416	-	440	55	185	302	1232	727	215	M12	20	400	120	326	B
DIE206-20/15-2G	15000	750 - 2900	18900	28.5	65	475	140	157	166	-	427	520	45	210	302	720	732	245	M12	20	400	110	369	A
DIE206-21/18.5-2G	18500	750 - 2900	21500	33.8	65	475	140	157	166	-	427	520	45	210	302	720	732	245	M12	20	400	110	386	A
DIE206-22/22-2G	22000	750 - 2900	26000	41	65	475	140	157	166	-	427	520	45	210	302	720	732	245	M12	20	400	110	420	A
DIE208-13/5.5-2G	5500	750 - 2900	6600	10.9	80	400	155	134	146	293	-	400	62	178	266	935	601	200	M12	20	350	120	197	B
DIE208-14/7.5-2G	7500	750 - 2900	8900	14.5	80	400	155	134	146	293	-	400	62	178	266	935	601	200	M12	20	350	120	205	B
DIE208-15/7.5-2G	7500	750 - 2900	8700	14	80	440	155	144	160	293	-	440	62	188	266	985	600	220	M12	20	400	120	222	B
DIE208-16/11-2G	11000	750 - 2900	13000	21	80	440	155	144	160	416	-	440	62	188	302	1232	732	220	M12	20	400	120	335	B
DIE208-17/15-2G	15000	750 - 2900	18100	28.1	80	440	155	144	160	416	-	440	62	188	302	1232	732	220	M12	20	400	120	349	B
DIE208-19/18.5-2G	18500	750 - 2900	21500	34.4	80	500	145	166	176	-	427	550	72	228	302	770	736	250	M12	20	450	120	401	A
DIE208-20/22-2G	22000	750 - 2900	25700	38.8	80	500	145	166	176	-	427	550	72	228	302	770	736	250	M12	20	450	120	441	A
DIE210-14.5/11-2G	11000	750 - 2900	13000	21	100	500	180	173	188	416	-	580	80	250	302	1272	745	226	M12	20	440	135	378	B
DIE210-15/15-2G	15000	750 - 2900	18000	28	100	500	180	173	188	416	-	580	80	250	302	1272	745	226	M12	20	440	135	392	B
DIE210-16/18.5-2G	18500	750 - 2900	21700	34	100	500	180	173	188	416	-	580	80	250	302	1272	745	226	M12	20	440	135	409	B
DIE210-16.5/22-2G	22000	750 - 2900	25900	40.4	100	500	180	173	188	416	-	580	80	250	302	1272	745	226	M12	20	440	135	442	B
DIE410-22/5.5-2G	5500	380 - 1450	6700	10.9	100	550	155	183	197	-	303	560	79	251	266	671	622	275	M12	20	450	120	273	A
DIE410-25/7.5-2G	7500	380 - 1450	8700	13.9	100	550	180	198	210	-	303	600	54	266	266	701	626	260	M12	20	480	120	315	A
DIE410-27/11-2G	11000	380 - 1450	12900	20.7	100	550	180	198	210	-	427	600	54	266	302	800	749	260	M12	20	480	120	367	A
DIE412-21/5.5-2G	5500	380 - 1450	6500	10.8	125	620	175	189	205	-	303	640	68	283	266	721	640	312	M16	25	500	120	294	A
DIE412-22/7.5-2G	7500	380 - 1450	8800	14.1	125	620	175	189	205	-	303	640	68	283	266	721	640	312	M16	25	500	120	308	A
DIE415-19/5.5-2G	5500	380 - 1450	6600	11	150	700	210	215	241	-	303	640	91	309	266	771	644	365	M16	25	550	130	370	A
DIE415-20/7.5-2G	7500	380 - 1450	8600	13.8	150	700	210	215	241	-	303	640	91	309	266	771	644	365	M16	25	550	130	384	A
DIE415-22/11-2G	11000	380 - 1450	12900	21	150	700	210	215	241	-	427	640	91	309	302	870	767	365	M16	25	550	130	504	A
DIE415-25/15-2G	15000	380 - 1450	17600	26.8	150	700	230	293	310	-	427	696	116	344	302	920	793	330	M16	25	600	135	617	A
DIE415-26/18.5-2G	18500	380 - 1450	20900	32.6	150	700	230	293	310	-	475	696	116	344	370	920	846	330	M16	25	600	135	671	A
DIE415-27/22-2G	22000	380 - 1450	25300	38.3	150	700	230	293	310	-	475	696	116	344	370	920	846	330	M16	25	600	135	699	A
DIE420-24/15-2G	15000	380 - 1450	17400	27	200	800	250	322	347	-	427	1000	62	400	302	1020	818	370	M16	25	700	140	765	A
DIE420-25/18.5-2G	18500	380 - 1450	20800	32.8	200	800	250	322	347	-	475	1000	62	400	370	1020	871	370	M16	25	700	140	808	A
DIE420-26/22-2G	22000	380 - 1450	25300	39.2	200	800	250	322	347	-	475	1000	62	400	370	1020	871	370	M16	25	700	140	836	A

NOTES

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.