



Pompe da drenaggio con girante centrifuga di tipo monocanale; garantisce, oltre ad una elevata portata un'ottima prevalenza; adatte ad applicazioni civili e industriali; sono state particolarmente progettate per uso estremamente gravoso; disponibili sia per applicazioni mobili e fissa con piede di accoppiamento.

Single-channel centrifugal drainage pump: besides the high capacity it guarantees excellent head; ideal for civil and industrial applications; specifically designed for very heavy use; available in the mobile or permanent versions with coupling feet.

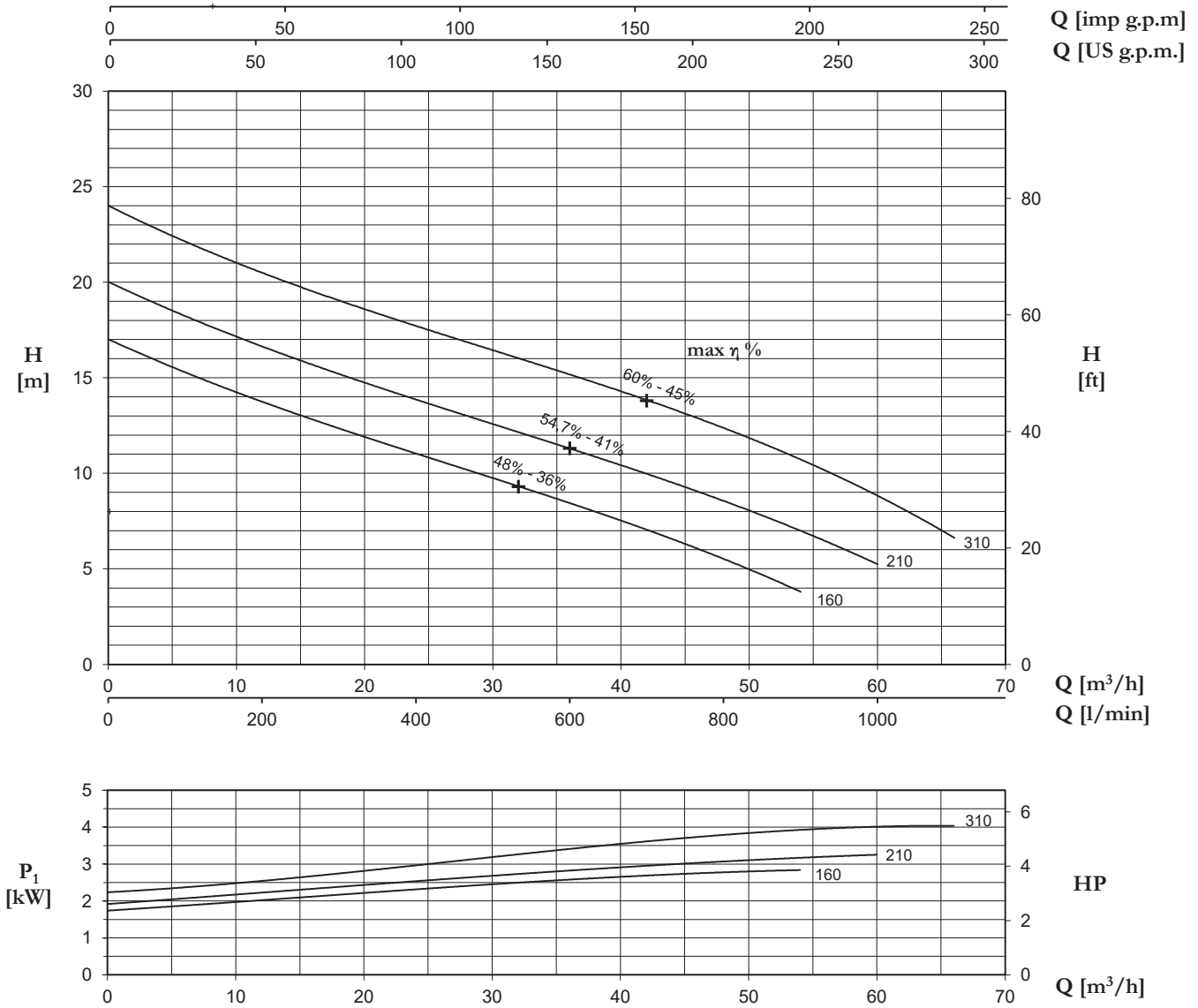
Bombas de drenaje con rodete centrífugo de tipo monocanal; garantiza, además de un caudal elevado una óptima prevalencia; apropiadas para aplicaciones civiles e industriales; se han proyectado especialmente para un uso extremadamente gravoso; disponibles para aplicaciones móviles y fija con pie de acoplamiento.

Ponorná kalová čerpadla s odstředivým oběžným kolem jednonálového typu; kromě vysokého průtoku zaručuje optimální prevalenci. Vhodné pro stavební a průmyslové aplikace. Speciálně určené pro velmi těžké použití; k dispozici pro mobilní i pevné aplikace se spojovacími patkami.

| TYPE | TRUCK | | CONTAINER | |
|--------------|-------------|----------|-------------|----------|
| | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| DM 160-310 | 85X110X145 | 18 | 85X110X190 | 27 |
| DMT 410-560 | 85X110X170 | 12 | 85X110X170 | 12 |
| DMT 750-1000 | 100X120X190 | 12 | 100X120X190 | 12 |

CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES
CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY

| | |
|---|--|
| Corpo pompa | ghisa |
| Pump body | cast iron |
| Cuerpo bomba | fundición |
| Těleso čerpadla | litina |
| Girante | ghisa |
| Impeller | cast iron |
| Rodete | fundición |
| Oběžné kolo | litina |
| Tenuta meccanica | doppia tenuta con barriera d'olio:carburo di silicio lato pompa, ceramica-grafite lato motore |
| Mechanical seal | double seal with oil barrier: silicon carbide on pump side, ceramic-graphite on motor side |
| Sello mecánico | doble sello con cámara interpuesta:carburo de silicio lado bomba, cerámica-grafito lado motor |
| Mechanická ucpávka | dvojitě těsnění s olejovou bariérou; karbid křemíku na straně čerpadla, keramický grafit na straně motoru |
| Albero motore | acciaio AISI 304 |
| Motor shaft | stainless steel AISI 304 |
| Eje motor | acero AISI 304 |
| Hřídel motoru | nerezová ocel AISI 304 |
| Passaggio corpi solidi | |
| Passage of solids | 50 mm |
| Paso de solidos | |
| Průchod pevných látek | |
| Profondità di immersione | |
| Depth of immersion | max 20 m |
| Profundidad inmersión | |
| Hloubka ponoření | |
| Temperatura del liquido | |
| Liquid temperature | 0 - 40 °C |
| Temperatura del líquido | |
| Teplota média | |
| Cavo | |
| Cable | H07 RNF, 10 m |
| Cable | |
| Kabel | |
| Viteria | acciaio inossidabile A2 |
| Bolts | A2 stainless steel |
| Tornillos | acero A2 |
| Šrouby | nerezová ocel A2 |
| Base appoggio | ferro zincato |
| Foot support | galvanized iron |
| Placa base | hierro galvanizado |
| Stojan | pozinkované železo |
| Guarnizioni | gomma NBR |
| Gaskets | NBR rubber |
| Anilos | goma NBR |
| Těsnění | NBR guma |
| MOTORE / MOTOR / MOTOR / MOTOR | |
| Motore 2 poli a induzione in bagno d'olio | 3~ 230/400V-50Hz P ≤ 4kW 3~ 400/690V-50Hz P > 4kW |
| 2 pole induction motor in oil bath | 1~ 230V-50Hz necessario condensatore d'avviamento (35µF per modello da 1,5HP, 50µF per modello da 2HP) |
| Motor de 2 polos a inducción en baño de caeite | required starter capacitor (35µF for 1,5HP model, 50µF for 2HP model) |
| 2-pólový indukční motor v olejové komoře | necesario condensador de arranque (35µF para modelo 1,5HP, 50µF para modelo 2HP) požadovaný startovací kondenzátor (35µF pro model 1,5HP, 50µF pro model 2HP) |
| Classe di isolamento | |
| Insulation class | F |
| Clase de aislamiento | |
| Izolační třída | |
| Grado di protezione | |
| Protection degree | IP68 |
| Grado de protección | |
| Krytí | |



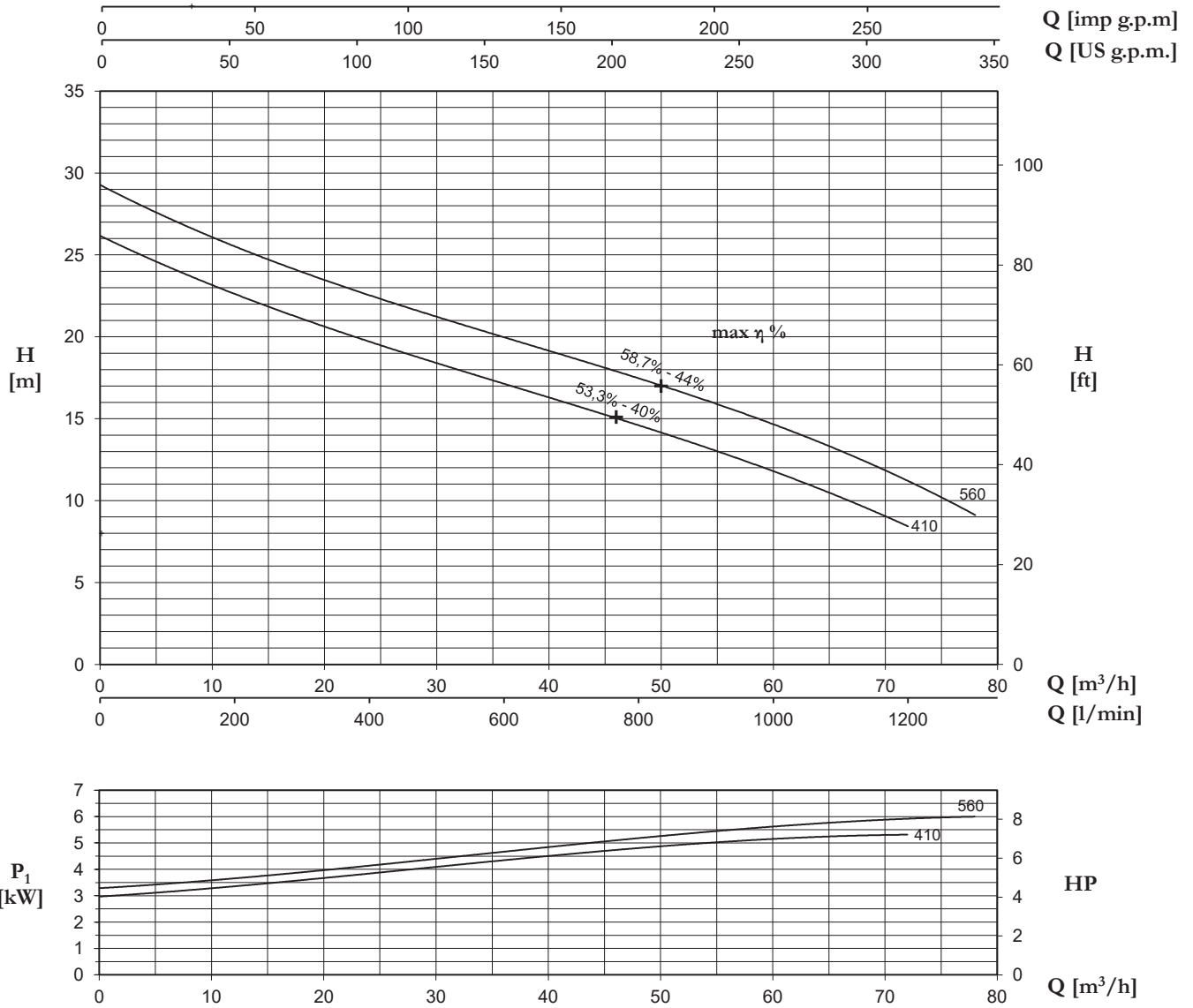
| TYPE/TYP | | PROUD | | | | |
|----------|---------|----------------|----------------------|------------------|---------------------------------|-----------------------------|
| 1~ | 3~ | 230 V 50 Hz | 3x230 V 50 Hz (*) | 3x400 V 50 Hz | 230/400 V 50 Hz λ / Δ (*) | 400/690 V 50 Hz λ / Δ |
| DM 160 | DMT 160 | 12,5 | 7,6 | 4,4 | - | - |
| DM 210 | DMT 210 | 15,0 | 9,5 | 5,5 | - | - |
| - | DMT 310 | - | 12,0 | 6,9 | - | - |

+ max η %

max rendimento idraulico e rispettivo rendimento totale
 max hydraulic efficiency and respective total efficiency
 máx rendimiento hidráulico y correspondiente rendimiento total
 maximální hydraulická účinnost a odpovídající celková účinnost

(*) no standard execution / nestandardní provedení

| TYPE/TYP | | P2 | | P1 (kW) | | Q (m³/h - l/min) | | | | | | | | | | | |
|----------|---------|-----|-----|---------|-----|------------------|------|------|------|------|------|------|------|------|------|------|------|
| 1~ | 3~ | | | | | 0 | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 |
| | | | | | | 0 | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 |
| | | | | | | H (m) | | | | | | | | | | | |
| DM 160 | DMT 160 | 1,5 | 1,1 | 2,8 | 2,6 | 17,0 | 15,3 | 13,8 | 12,3 | 11,0 | 9,8 | 8,4 | 7,1 | 5,5 | 3,8 | - | - |
| DM 210 | DMT 210 | 2 | 1,5 | 3,3 | 3,1 | 19,9 | 18,4 | 16,7 | 15,2 | 13,8 | 12,4 | 11,3 | 10,1 | 8,6 | 7,0 | 5,2 | - |
| - | DMT 310 | 3 | 2,2 | - | 4,1 | 23,9 | 22,2 | 20,6 | 19,1 | 17,8 | 16,3 | 15,0 | 13,8 | 12,3 | 10,9 | 9,1 | 6,4 |



| TYPE/TYP | PROUD | | | |
|----------------|----------------------|------------------|---------------------------------|-----------------------------|
| | 3x230 V 50 Hz (*) | 3x400 V 50 Hz | 230/400 V 50 Hz λ / Δ (*) | 400/690 V 50 Hz λ / Δ |
| 3~ | | | | |
| DMT 410 | 15,4 | 8,9 | - | - |
| DMT 560 | 17,6 | 10,2 | - | - |

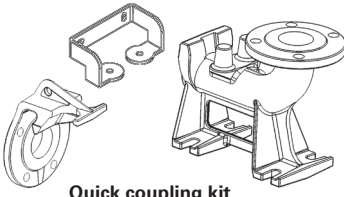
+ max η %

max rendimento idraulico e rispettivo rendimento totale
 max hydraulic efficiency and respective total efficiency
 máx rendimiento hidráulico y correspondiente rendimiento total
 maximální hydraulická účinnost a odpovídající celková účinnost

(*) no standard execution / nestandardní provedení

| TYPE/TYP | P2 | | P1 (kW) | Q (m³/h - l/min) | | | | | | | | | | | |
|----------------|------|------|------------|------------------|------|------|------|------|------|------|------|------|------|--|--|
| | | | | 0 | 6 | 18 | 30 | 42 | 54 | 60 | 66 | 72 | 78 | | |
| | | | | 0 | 100 | 300 | 500 | 700 | 900 | 1000 | 1100 | 1200 | 1300 | | |
| 3~ | | | | H (m) | | | | | | | | | | | |
| | (HP) | (kW) | 3~ | | | | | | | | | | | | |
| DMT 410 | 4 | 3 | 5,3 | 26,0 | 24,6 | 21,1 | 18,2 | 15,9 | 13,3 | 11,8 | 10,3 | 8,3 | - | | |
| DMT 560 | 5,5 | 4 | 6 | 29,1 | 27,5 | 24,1 | 21,1 | 18,6 | 16,1 | 14,7 | 13,1 | 11,4 | 8,9 | | |

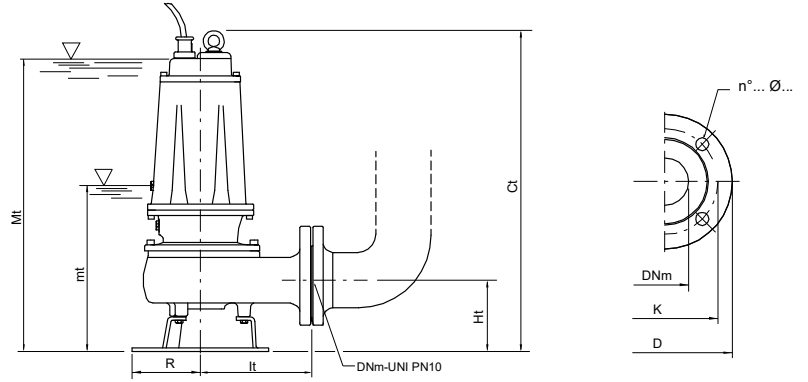
ACCESSORIES/PŘÍSLUŠENSVÍ



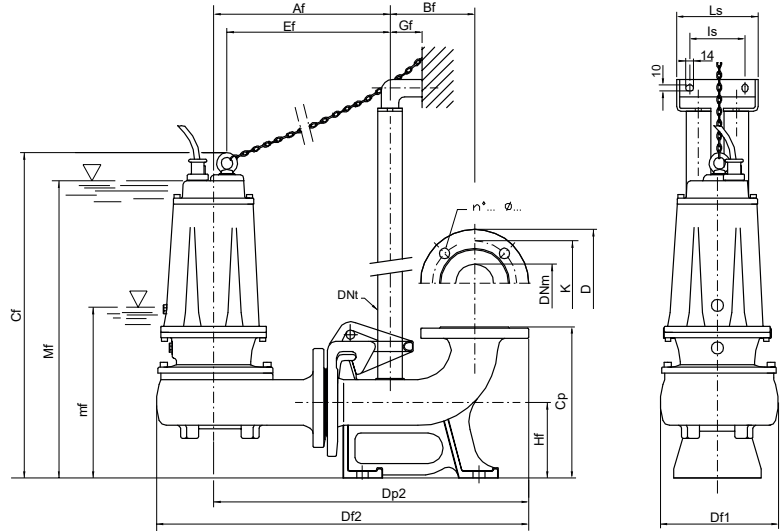
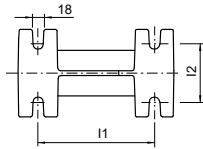
Quick coupling kit
Sada rychlospojkek



Counterflange
Protilehlá příruba



| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | Kg |
|-----------------------|-------------------------|-----|-----|-----|-----|-----|-----|------|
| | Ct | Ht | R | lt | mt | Mt | DNm | |
| DMT 160 | 551 | 123 | 117 | 191 | 243 | 513 | 65 | 42,5 |
| DM 160-DMT 210 | 551 | 123 | 117 | 191 | 243 | 513 | 65 | 42 |
| DM 210-DMT 310 | 551 | 123 | 117 | 191 | 243 | 513 | 65 | 43,5 |
| DMT 410 | 645 | 148 | 160 | 210 | 285 | 600 | 80 | 70 |
| DMT 560 | 645 | 148 | 160 | 210 | 285 | 600 | 80 | 72,5 |
| DMT 1000 | 725 | 178 | 180 | 232 | 358 | 670 | 80 | 94 |



mt/mf: livello minimo di funzionamento
mt/mf: lowest working level
mt/mf: nivel minimo de funcionamienmto
mt/mf: nejnížší úroveň provozu

Mt/Mf: livello minimo di funzionamento continuo
Mt/Mf: lowest level for continuous duty
Mt/Mf: nivel minimo de funcionamienmto continuo
Mt/Mf: nejnížší úroveň pro nepřetržitý provoz

| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | | | | | | | | |
|--------------------------------|-------------------------|-----|-----|-----|-----|-----|-----|--------|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|
| | Af | Bf | Cf | Cp | Df1 | Df2 | Dp2 | DNt | Ef | Gf | Hf | I1 | I2 | Is | Ls | mf | Mf | DNm |
| DMT 160 / P | 303 | 145 | 560 | 260 | 200 | 639 | 542 | 1" 1/4 | 280 | 55 | 130 | 200 | 100 | 95 | 140 | 251 | 521 | 65 |
| DM 160 / P, DMT 210 / P | 303 | 145 | 560 | 260 | 200 | 639 | 542 | 1" 1/4 | 280 | 55 | 130 | 200 | 100 | 95 | 140 | 251 | 521 | 65 |
| DM 210 / P, DMT 310 / P | 303 | 145 | 560 | 260 | 200 | 639 | 542 | 1" 1/4 | 280 | 55 | 130 | 200 | 100 | 95 | 140 | 251 | 521 | 65 |
| DMT 410 / P | 350 | 165 | 690 | 340 | 220 | 722 | 615 | 2" | 319 | 85 | 190 | 250 | 140 | 130 | 180 | 327 | 642 | 80 |
| DMT 560 / P | 350 | 165 | 690 | 340 | 220 | 722 | 615 | 2" | 319 | 85 | 190 | 250 | 140 | 130 | 180 | 327 | 642 | 80 |
| DMT 1000 / P | 370 | 165 | 745 | 340 | 240 | 750 | 638 | 2" | 350 | 85 | 190 | 250 | 140 | 130 | 180 | 380 | 690 | 80 |

| Flange / Příruba UNI PN 10 (mm) | | | |
|---------------------------------|-----|-----|------------|
| DNm | K | D | n°... Ø... |
| 65 | 145 | 185 | 4... 18... |
| 80 | 160 | 200 | 8... 18... |

| TYPE/TYP | PROTECTION/KRYTÍ | | CONTROL PANEL/OVLÁDACÍ PANEL | | |
|-----------------|------------------|---------------------|------------------------------|-----------|-------------|
| | 1 x 230 V | 3 x 400 V | 1 x 230 V | 3 x 400 V | 400 / 690 V |
| DM 160 | PMC 15/35-15 | PT 20-30-40/4.3-6.8 | QSM + 35µF | QSMT 10 | - |
| DM 210 | PMC 20/50-18 | PT 20-30-40/4.3-6.8 | QSM + 50µF | QSMT 10 | - |
| DMT 310 | - | PT 40-50/5.7-9.1 | - | QSMT 10 | - |
| DMT 410 | - | PT 55-75/8.6-13.5 | - | QSMT 10 | - |
| DMT 560 | - | PT 55-75/8.6-13.5 | - | QSMT 10 | - |
| DMT 1000 | - | PT 125-150/16-21 | - | QSMT 15 | QST 7 |