

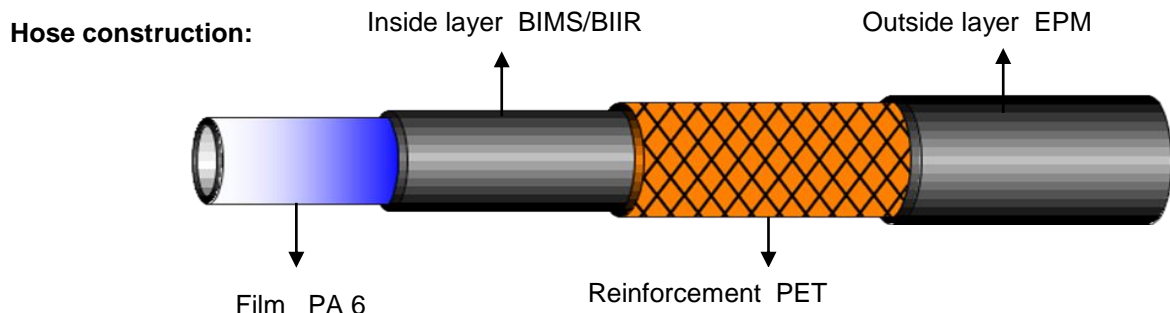
|   |            |           |
|---|------------|-----------|
| AKD<br>Verteiler:                           | Data sheet | 38/07/2-4 |
| <b><u>Airconditioning hose DN 16 H3</u></b> |            |           |

|   |  |  |          |
|---|--|--|----------|
| Temperature Range                                       | Working Temperature:                   | -40 to 150 °C                            |          |
|   | Peak Temperature:                      | 160°C                                    |          |
| Refrigeration   | Refrigerant:                           | R134a<br>R1234yf *                       |          |
|   | Compressor oil:                        | PAG**                                    |          |
| Identification  | - PHX DN 16 H3 PA6-BIMS/BIIR-PET-EPM - |  |          |
| <b>Product description</b>                              | <b>unit</b>                            | <b>value</b>                             |          |
| Inside diameter   | mm                                     | 16,0 ± 0,3                               |          |
| Outside diameter  | mm                                     | 24,1 ± 0,5                               |          |
| Max. Eccentricity                                       | mm                                     | 0,3                                      |          |
| Adhesion test –films inner layer – elastomer innerlayer | N/mm                                   | >3,0                                     |          |
| Adhesion test – for Reinforcements                      | N/mm                                   | >2,5                                     |          |
| Weight  | g/m                                    | 298                                      |          |
| <b>Functional description</b>                           | <b>unit</b>                            | <b>value</b>                             |          |
| Operating pressure                                      | MPa                                    | 3,5                                      |          |
| Burst pressure (specified)                              | MPa                                    | >13,7                                    |          |
| Bending radius  | mm                                     | R90 (yard ware)<br>R65 (preformed hoses) |          |
| Permeation***   |  | R134a                                    | R1234yf* |
|   | VDA (240h,90°C) [g/m/d]                | <0,2                                     | <0,2     |
|   | SAE J2727 [kg/m²y]                     | <0,5                                     | <0,5     |
| <b>Customer standard</b>                                | <b>Standard</b>                        | <b>Conformity</b>                        |          |
| VW Group  | TL 82316                               | Yes                                      |          |
| Daimler AG  | A211 830 0600                          | Yes                                      |          |
| BMW AG  | QV 64005                               | Yes                                      |          |
| Renault S.A.  | RSA 32-02-017                          | Yes                                      |          |
| General Motors Company                                  | GMW 14319                              | Yes                                      |          |
| MAN SE  | MAN M3118-2                            | Yes                                      |          |
| Scania AB   | TR1323-030320                          | Yes                                      |          |
|   | EU Richtlinie 2006/40/EG               | Yes                                      |          |
|   | SAE 2064                               | type E                                   |          |

\* released for BMW, Daimler and VW (suction / liquid side)

\*\* approved oils available upon request

\*\*\* Permeation determined on AC-lines



|            |          |                  |            |         |
|------------|----------|------------------|------------|---------|
| Date       | Revision | compiled         | released   | Seite   |
| 2017-06-01 | 3        | Martina Dettlaff | Rene Kling | 1 von 1 |