

example: **VX** **186-260** **Q** **S6** **H** **4** **O** **2** **VVA** **AT**

1 model
 RP = Profi pump
 FX = Farmer pump
 V = pump with seal chamber
 IQ = pump with IQ-service
 VX = pump with big seal chamber
 R = pump without seal chamber

2 pump type
 shaft centre distance - chamber length

3 version
 Q = QuickService
 QD = QuickService with additional bearing
 QG = QuickService gearbox side
 HD = pump with mechanical seal (on both sides in the o-ring)
 []+L = pump with reduced starting torque

4 shafts
 S6 = PTO-shaft (DIN 9611 model 1; 6-parts 1 3/8")
 S21 = PTO-shaft (DIN 9611 model 2; 21-parts 1 3/8")
 P6 = PTO-shaft (non-standardized, 6-parts 1 3/4")
 P20 = PTO-shaft (DIN 9611 model 3; 20-parts 1 3/4")
 MU = bottom keyed shaft
 MO = top keyed shaft
 MHU = bottom hydraulik motor shaft
 MHO = top hydraulik motor shaft
 []+T = TopService
 * shaft combinations, which are not described above, are marked separately
 Each single shaft of the pump is marked
 "U" means bottom shaft "O" means top shaft
 "K" means Combi-pump with shafts on both ends of the pump
 examples: OS6 / US6 / KOS6 or OP6 / US6.
 * "X" means shrunk shaft end, for example SX6

5 rotary lobe geometry
 H = HiFlo®
 K = HiFlo®, enlarged rubber layer
 HP = HiFlo® plus
 GW = two-wing, changing lobe tips, steel core
 GWE = two-wing, changing lobe tips, stainless steel core
 HW = HiFlo, changing lobe tips, steel core
 HWE = HiFlo, changing lobe tips, stainless steel core
 G = two-wing
 F = two-wing, enlarged rubber layer

6 rotary lobe material / elastomers
 2 = NBR
 3 = NBR white
 4 = EPDM
 5 = FPM
 6 = SBR
 7 = WEROBUST
 8 = PUR
 9 = EPDM white
 10 = HNBR
 11 = CSM
 12 = EPDM-SL (sewage line)
 13 = FPM blue
 14 = EPDM-AL (aqua line)
 19 = stainless steel
 20 = POM
 21 = steel

7 separation plate
 [] = without distance plate
 O = suction side and discharge side open
 L = closed on the left side
 R = closed on the right side (view from the non-drive end)
 G = closed on both sides
 M = Marathon + number of chambers
 D = DuoShift

8 pump chamber(s)
 [] = only one pump chamber
 quantity or width of each single pump chamber:
 * if pump chambers are equal, only quantity of chambers
 * "X" for unequal pump chambers, each width in mm mentioned at the bottom of the nameplate, beginning at the non-drive end
 * For Marathon each chambers are added to overall length
 * axial labyrinth-sealings are mentioned as a separate chamber

9 pump chamber lining
 [] = housing segment out of grey cast iron, wear plates and separation plates out of Hardox
 VVA = housing segments out of cast SS 316, mech. seal, wear plates and separation plates out of SS 316, wear plates with enlarged thickness

10 elastomer nomination of the sealings
 E + []
 2 = NBR / HNBR
 4 = EPDM
 5 = FKM
 6 = FKM / FEPM
 8 = EPDM / MVQ (Silicone)
 10 = MVQ (Silicone), FEP coated / FFKM (Perlast®)
 14 = MVQ (Silikon), FEP coated / FEPM (Fluoraz®)

11 status
 [] = new pump
 AT = reconditioned pump