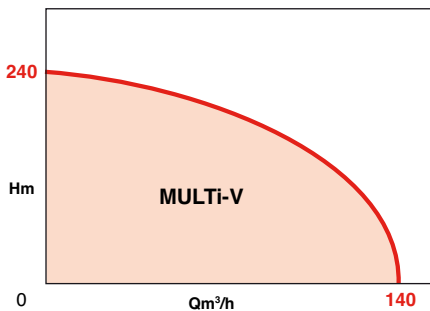


OPERATING RANGES

Flow rates of up to:	140 m ³ /h
Manometric heads of up to:	240 m
Max. delivery pressure :	16 & 25 bar
Max. suction pressure:	10 bar
Temperature range:	- 15° to + 120°**C
Max. ambient temperature:	+ 40°C
DN (nominal diameter) of holes:	25 to 100
Reference MEI*:	≥ 0,40

*Minimum Efficiency Index

** according to mechanical seal



BENEFITS

- **Stainless steel hydraulic assembly:** protection from corrosion and extended pump life.
- **Bearing (lantern ring) extends the life of the motor bearing and eliminates the setting and axial adjustment of the mobile elements.**
- **Tungsten carbide Intermediate bearing:** controls and eliminates vibrations and ensures rotor stability with a large number of stages.
- **Suction rings between very thick cells:** impervious to thermal expansion and eliminates the risk of seizing.
- **Optimal reliability:** high outputs thanks to the impeller profile, which reduces the number of stages, the sizes of the shafts and the axial thrusts.
- **Standardised mechanical seals** Maintenance free to +120°C max.
- **Easy installation:** IN-LINE ports.

MULTI-V 80, 100

- **Easier maintenance:** Cartridge mechanical seal available on all models. Allows the installer or operator to replace the mechanical seal without removing the pump.
- **Spacer design available on all models** ≥ 11 kW.

Allows the installer or operator to replace the mechanical seal without dismantling the pump and without removing the motor.

APPLICATIONS

Pumping of clean, non-muddy liquids in the housing, agricultural and industrial sectors:

- Supply - Boosting
- Watering - Irrigation
- High-pressure washing
- Fire protection
- Heating - Air conditioning
- Water treatment (demineralisation, filtration)

And for incorporation into all modular systems.

Pumped fluids

- **Standard range:** clear and non-corrosive liquids (drinking water, glycol water...)
- **316L range:** corrosive liquids (demineralised seawater, chlorinated water...)



• MULTI-V PN16 with oval flanges



• MULTI-V PN25 with "Victaulic" connectors



• MULTI-V 1800 PN 25 All 316L stainless steel hydraulic assembly



• MULTI-V 8000 / 100.00 PN 16 and PN 25



• Cartridge mechanical seal

Certified
ACS

MULTI-V

DESIGN


• Hydraulic part

- Centrifugal.
- Multi-stage, 2 to 24 stages.
- Vertical axis, IN-LINE suction-delivery ports in lower part.
- Flanged housing in PN 16 and PN 25.
- Lower guide bearing above the 2nd stage for versions 1 at 60 m³/h (apart from models with 2 and 3 stages above the 1st stage).
- Standardised mechanical seal ensures leak-tightness of the shaft passage.
- Housing and hydraulic assembly assembled by stud bolts.

• Motors

- Standard ventilated.
- Flanges and shaft end conform to IEC standard.
- Connected to pump by coupling with safety guards.

Rotation speed: 2900 rpm
 4 kW 3 ~ winding: 230-400 V : T
 above three-phase: 400 V : T4
 Frequency: 50 Hz (optional 60 Hz)
 Insulation class: 155 (F)
 Protection class: IP 55

Key: 2-pole motor 

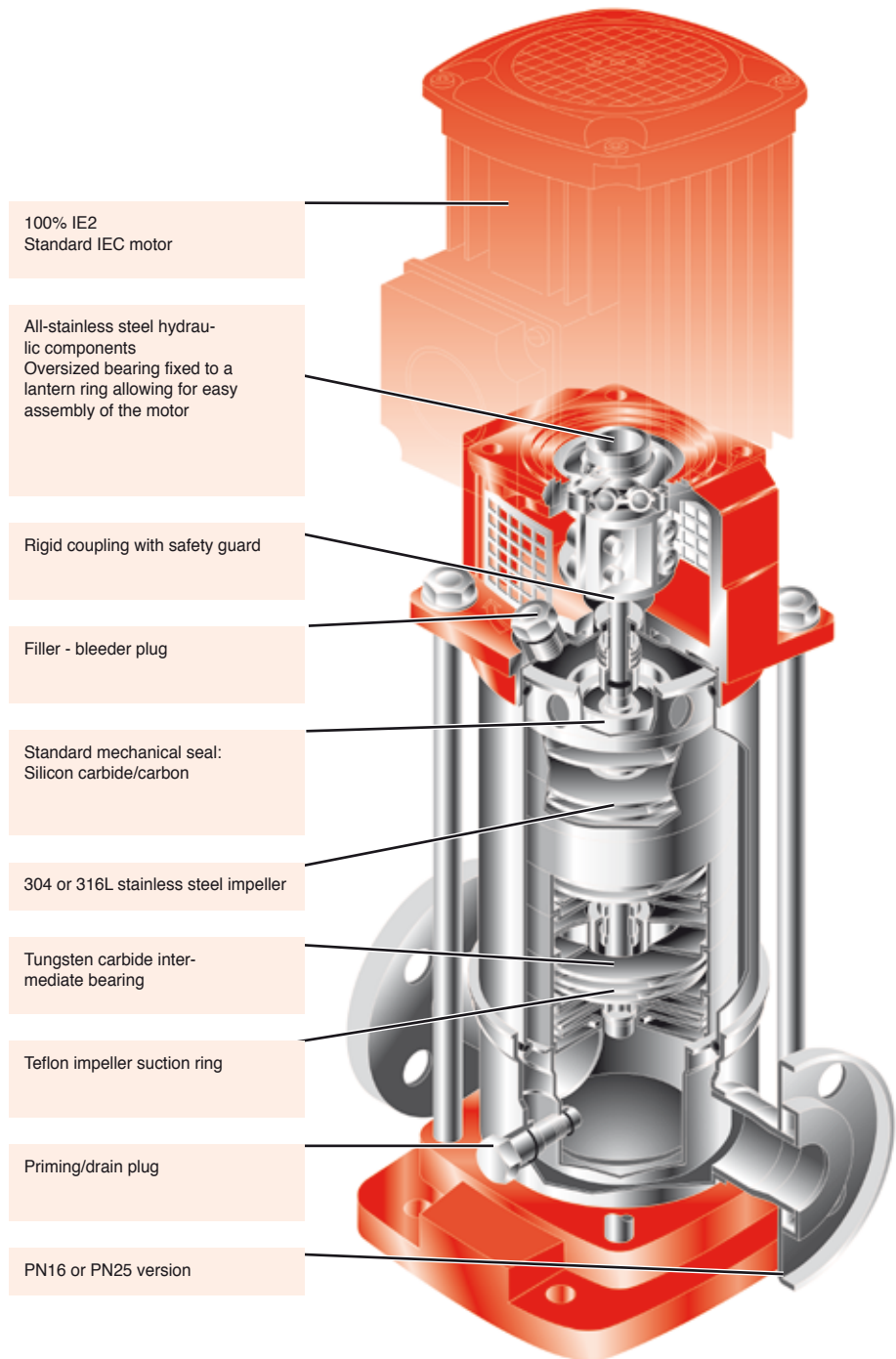
BASIC CONSTRUCTION

Main parts	Material	
	non-corrosive	corrosive
liquids	all	except 80/100
Model		
Suction housing - ref.	ENGJL 250 Cast iron	316L stainless steel
Lantern ring mount	ENGJL 250 Cast iron	
Impellers	304 stainless steel	316L stainless steel
Cells (stage housing)	304 stainless steel	316L stainless steel
External pipe sleeve	304 stainless steel	316L stainless steel
Pump shaft	304 stainless steel*	316L stainless steel
Intermediate bearing	Tungsten carbide	
Mechanical seal	Silicon carbide/Carbon	
O-rings	EPDM (120°)	Viton (90°)
Plugs	316L stainless steel	316L stainless steel

NB: 316 L stainless steel (X2Cr Ni Mo 17.12.2) recommended materials offering excellent corrosion resistance. Clean and clear liquids with no fibres and low sand/silica content (max. concentration 40g/m³).

***AISI 304 stainless steel** MULTi-V 80/100/36C/60C models are equipped with an AISI 431 stainless steel pump shaft.

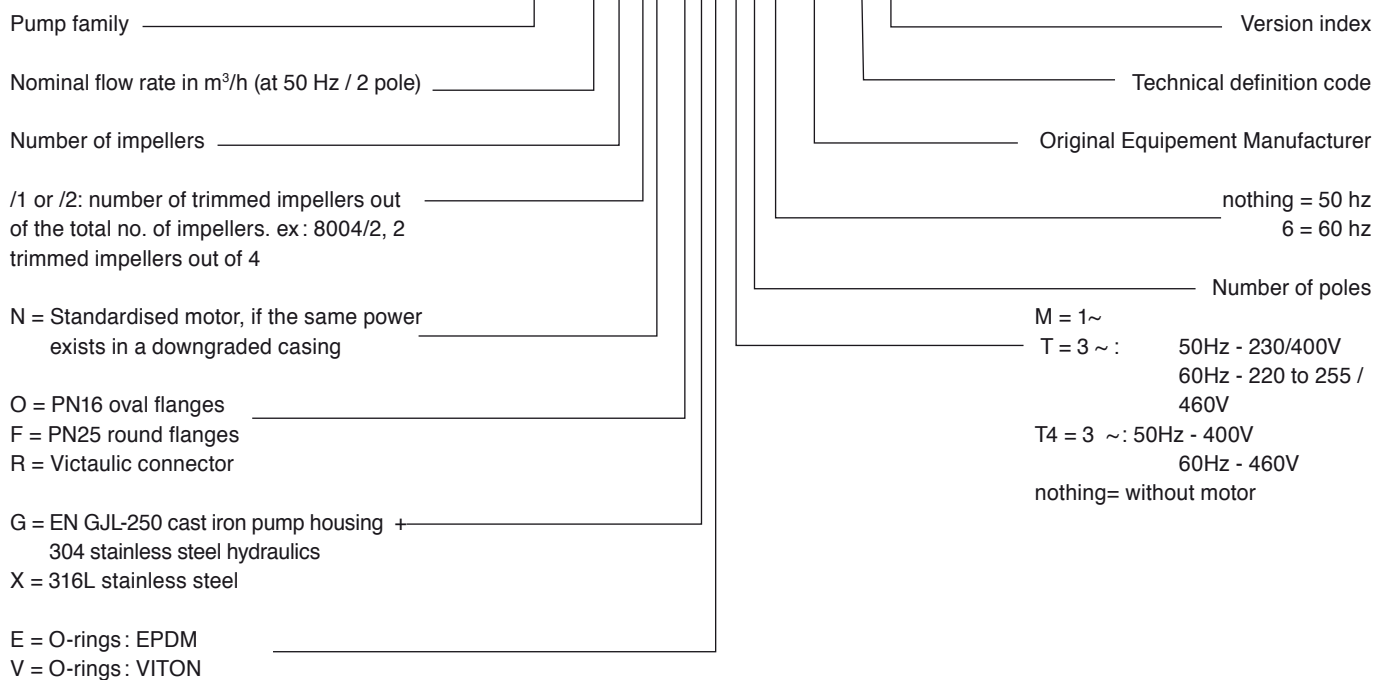
MULTI-V CONSTRUCTION



NB: MULTI-V 80 and 100 pumps are equipped with a cartridge mechanical seal and, optionally, a SPACER.

IDENTIFICATION

MULTI-V10004/2N-OGE-T/2/6/OEM/XX/B

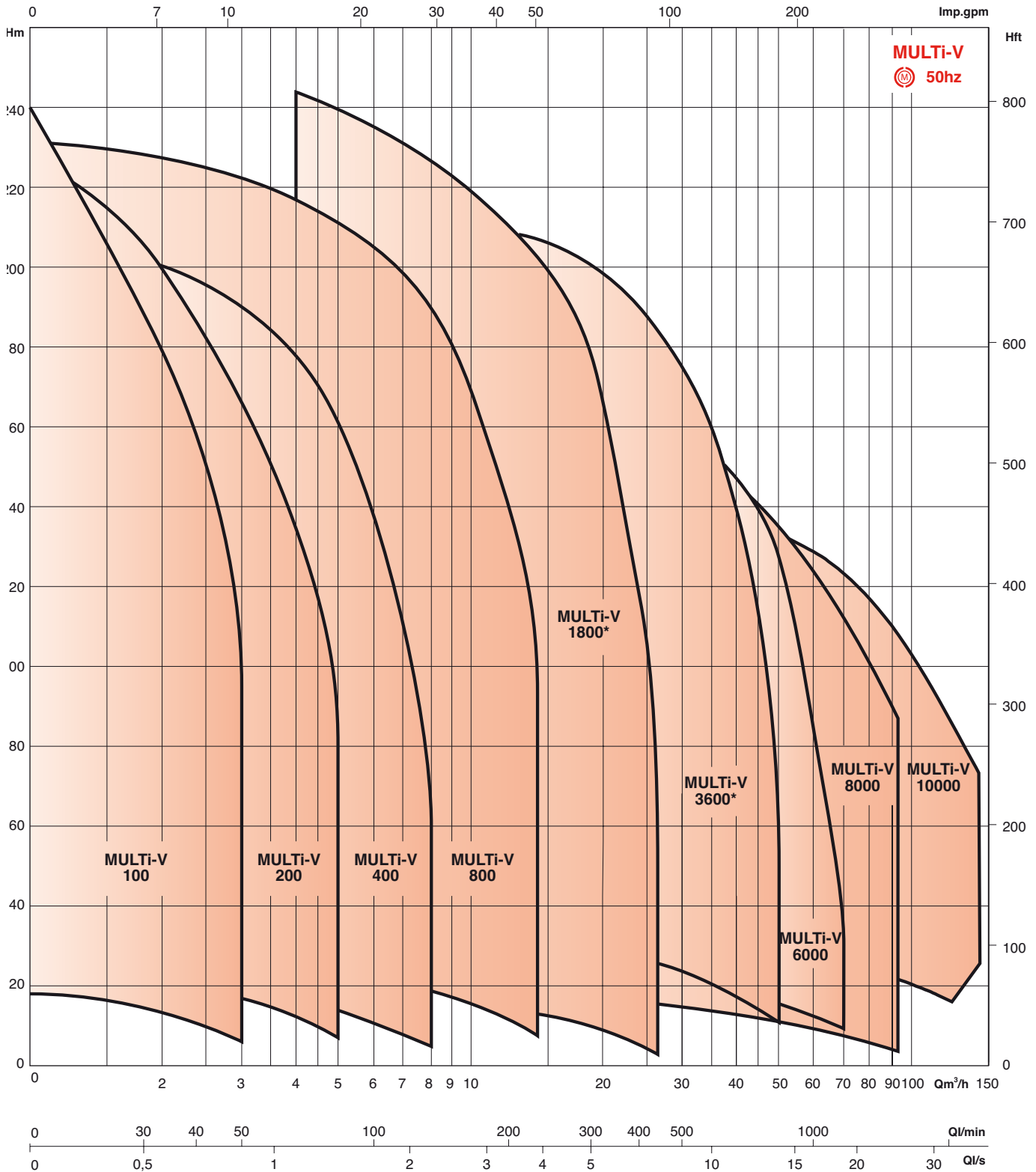


SERIES CONFIGURATION

SERIE	max. operating pressure	50 Hz motor 2 pole	suction-delivery flanges	number of stages
	16 bar	•	oval G1	2 to 14
MULTI-V 100	25 bar	•	round DN 25	2 to 24
	16 bar	•	oval G1	2 to 12
MULTI-V 200	25 bar	•	round DN 25	2 to 20
	25 bar	•	"Victaulic" 11/4	2 to 20
	16 bar	•	oval G11/4	2 to 12
MULTI-V 400	25 bar	•	round DN 32	2 to 19
	16 bar	---	round DN 32	10-14-20
	25 bar	•	"Victaulic" 1"1/4	2 to 9
	16 bar	•	oval G11/2	2 to 12
MULTI-V 800	25 bar	•	round DN 40	2 to 19
	16 bar	---	round DN 40	10-14-20
	25 bar	•	"Victaulic" 2"	2 to 19
	16 bar	•	oval G2	2 to 11
MULTI-V 8000	16 bar	•	round DN 100 (Ø100)	1 to 5
	25 bar	•	round DN 100 (Ø100)	1 to 7
MULTI-V 100.00	16 bar	•	round DN 100 (Ø100)	1 to 4
	25 bar	•	round DN 100 (Ø100)	1 to 5

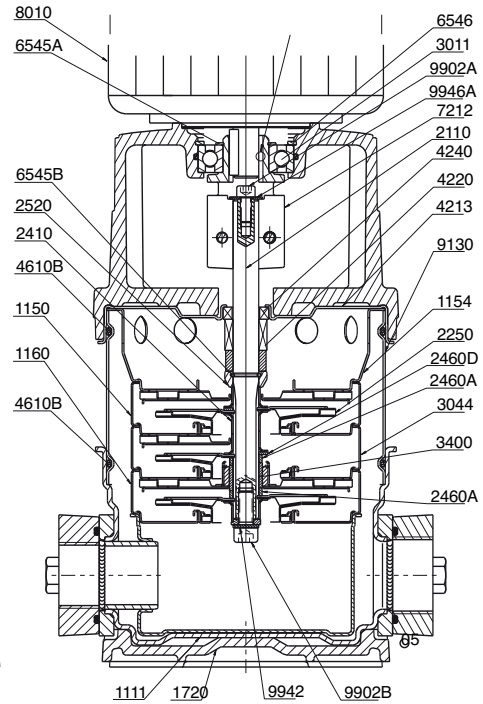
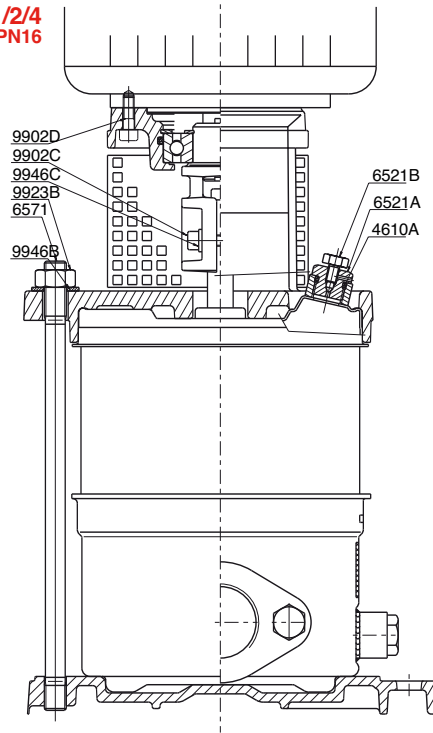
MULTI-V

HYDRAULIC PRE-SELECTION RANGES MULTI-V | 2 POLE - 50 HZ

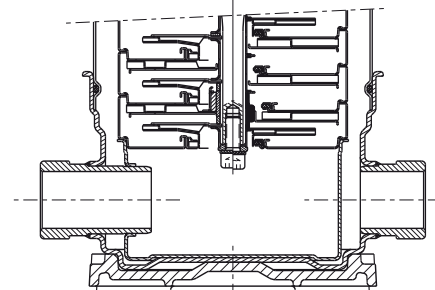


SECTIONAL DIAGRAM - MULTI-V 1 - 2 - 4

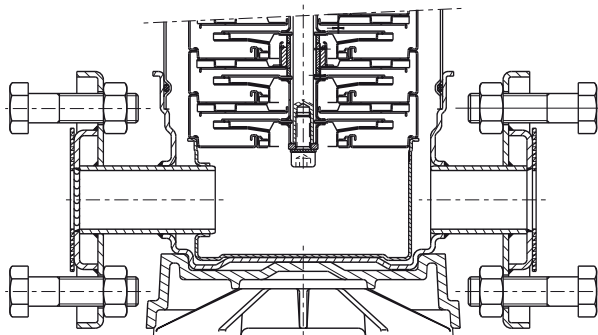
MULTI-V 1/2/4
1^{3/4} - PN16



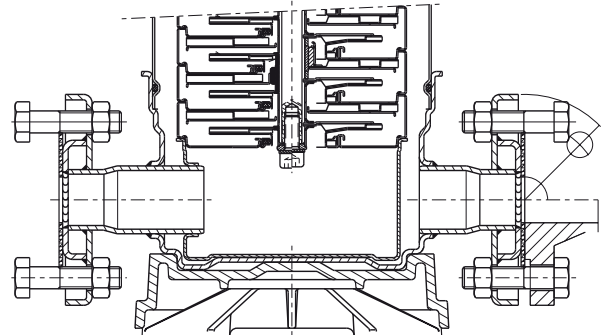
MULTI-V 1/2
1^{3/4} - PN25 VICTAULIC



MULTI-V 4
DN32 - PN25



MULTI-V 1/2
DN25 - PN25



- 1111 - Pump housing
- 1150 - Stage housing with interstage crossover
- 1154 - Cell centring device
- 1160 - Stage housing without interstage crossover
- 1720 - Pump attachment sole plate
- 2110 - Pump shaft
- 2250 - Impeller
- 2410 - Impeller spacer

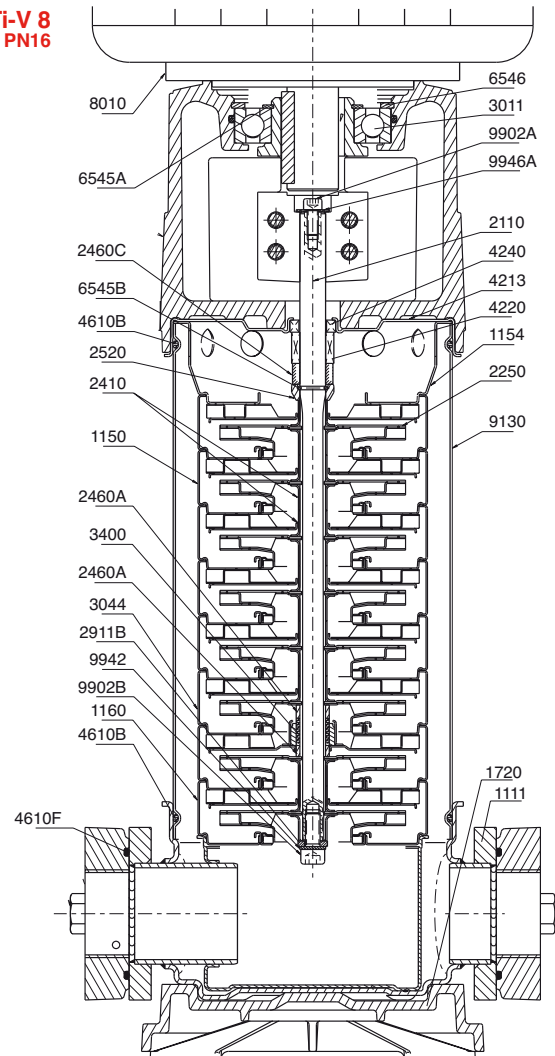
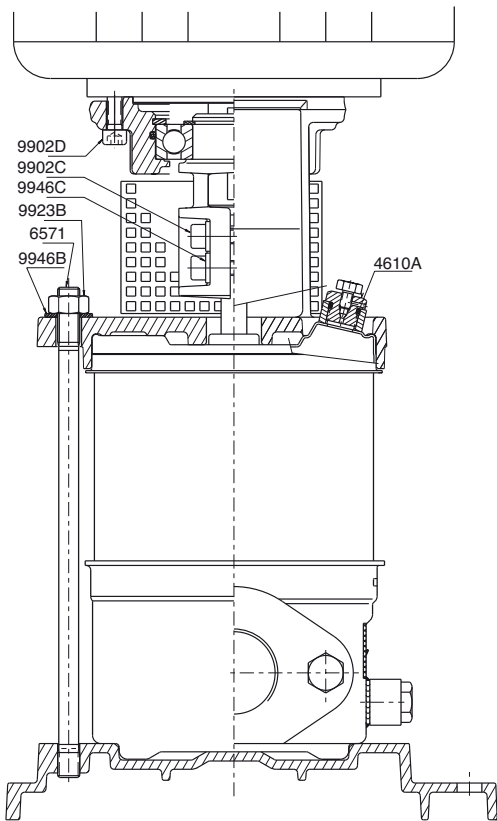
- 2460 A - Shim spacer - shaft sleeve
- 2460 C - Mechanical seal shimming ring
- 2460 D - Intermediate washer
- 2520 - Support ring
- 2911 - Lower shaft end washer
- 3011 - Lantern ring ball bearing
- 3044 - Stage housing with intermediate bearing
- 3160 - Motor mounting lantern ring

- 3400 - Shaft sleeve
 - 4213 - Throat bushing casing
 - 4220 - Rotating part
 - 4240 - Fixed
 - 4610 A - O-ring (filler plug)
 - 4610 B - O-ring (external pipe sleeve)
 - 4610 C - O-ring
 - 4610 D - O-ring
- Seal
 Mechanical part
 and priming plug

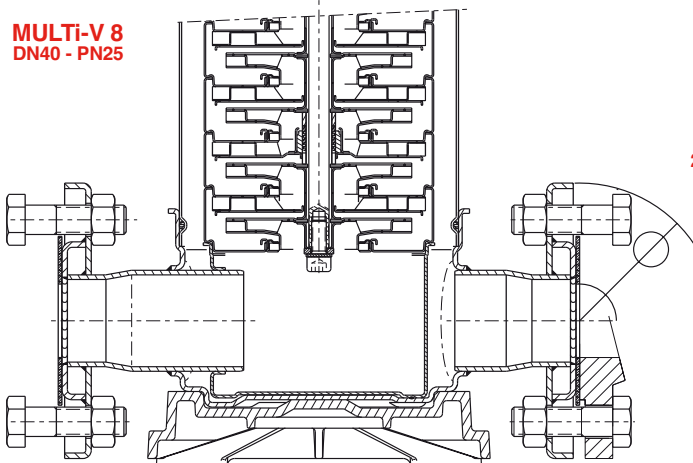
MULTI-V

SECTIONAL DIAGRAM - MULTI-V 8

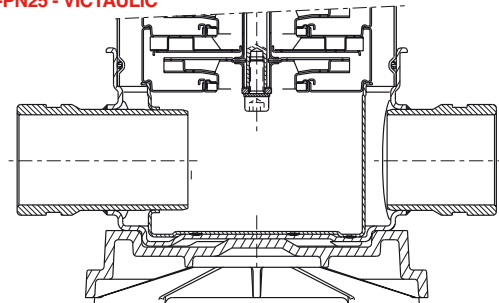
MULTI-V 8
1^{1/2}" - PN16



MULTI-V 8
DN40 - PN25



MULTI-V 8
2" - PN25 - VICTAULIC



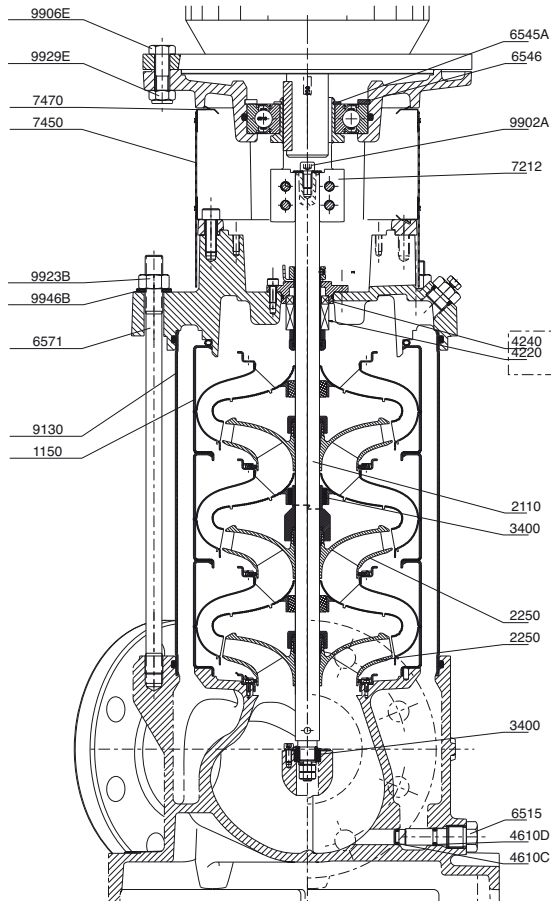
- 6515-Drain and priming plug
- 6521-Filler - bleeder plug
- 6545 A-Circlip (lantern ring bearing)
- 6545 B-Half-snap ring (support ring)
- 6546-Circlip (lantern ring bearing)
- 6571-Assembly stud bolt
- 7212-Coupling
- 7450-Coupling guard

- 8010-Electric flanged motor
- 9130-External sealing pipe sleeve
- 9902 A-Upper shaft end screw
- 9902 B-Lower shaft end screw
- 9902 C-Coupling attachment screw
- 9902 D-Motor attachment screw
- 9906 E-H. motor attachment screw
- 9923 B-Assembly stud bolt nut

- 9923 E-H. motor attachment nut
- 9942-Toothed washer under screw 9902 B
- 9946 A-Washer under screw 9902 A
- 9946 B-Washer under nut 9923 B
- 9946 C-Washer under screw 9902 C

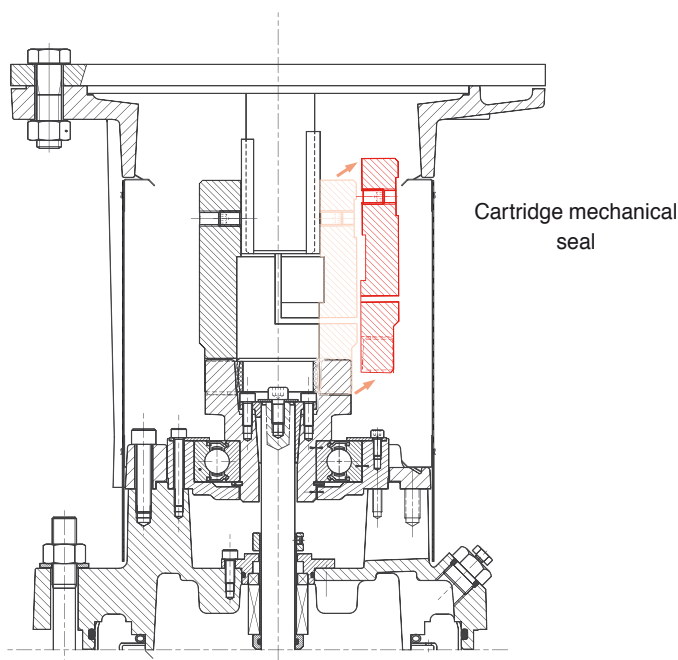
•Recommended spare parts

SECTIONAL DIAGRAM - MULTI-V 80 - 100



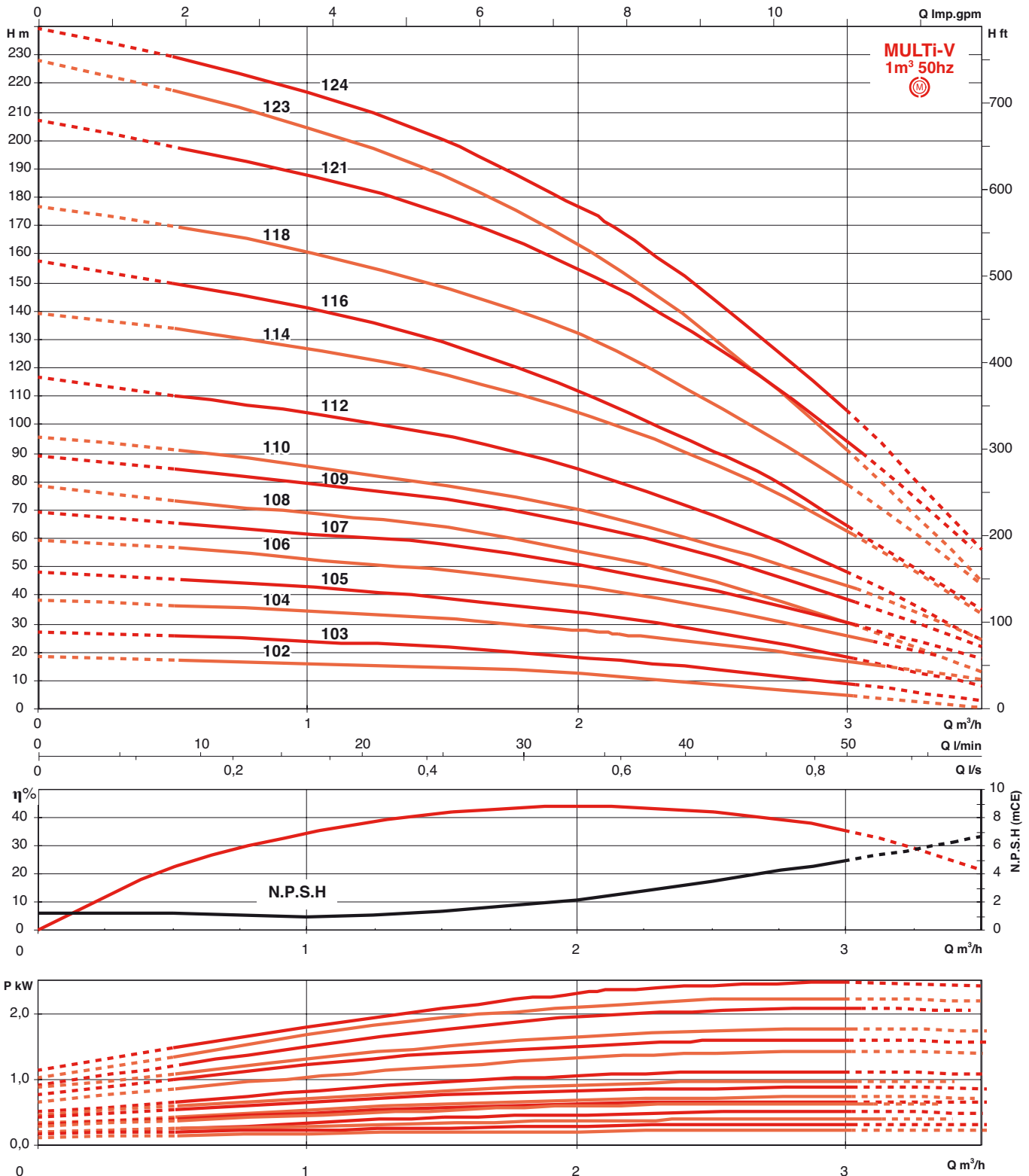
- 1150 - Stage housing with interstage crossover
- 2110 - Pump shaft
- 2250 - Impeller
- 3400 - Shaft sleeve
- 4220 - Rotating part Seal
- 4240 - Fixed Mechanical part
- 4610 C - O-ring
- 4610 D - O-ring
- 6515 - Drain and priming plug
- 6545 A - Circlip (lantern ring bearing)
- 6546 - Circlip (lantern ring bearing)
- 6571 - Stud bolts
- 7212 - Coupling with 4 screws
- 7450 - Coupling guard
- 7470 - Attachment clip for coupling guard
- 9130 - External sealing pipe sleeve
- 9902 A - Shaft end screw in coupling
- 9906 E - Motor attachment bolt
- 9929 E - Self-locking nut
- 9923 B - M16 nut for stud bolts
- 9946 B - ø 16 narrow contact ring
- Recommended spare parts.

SECTIONAL DIAGRAM - 80 LANTERN RING AND 100 m³/h

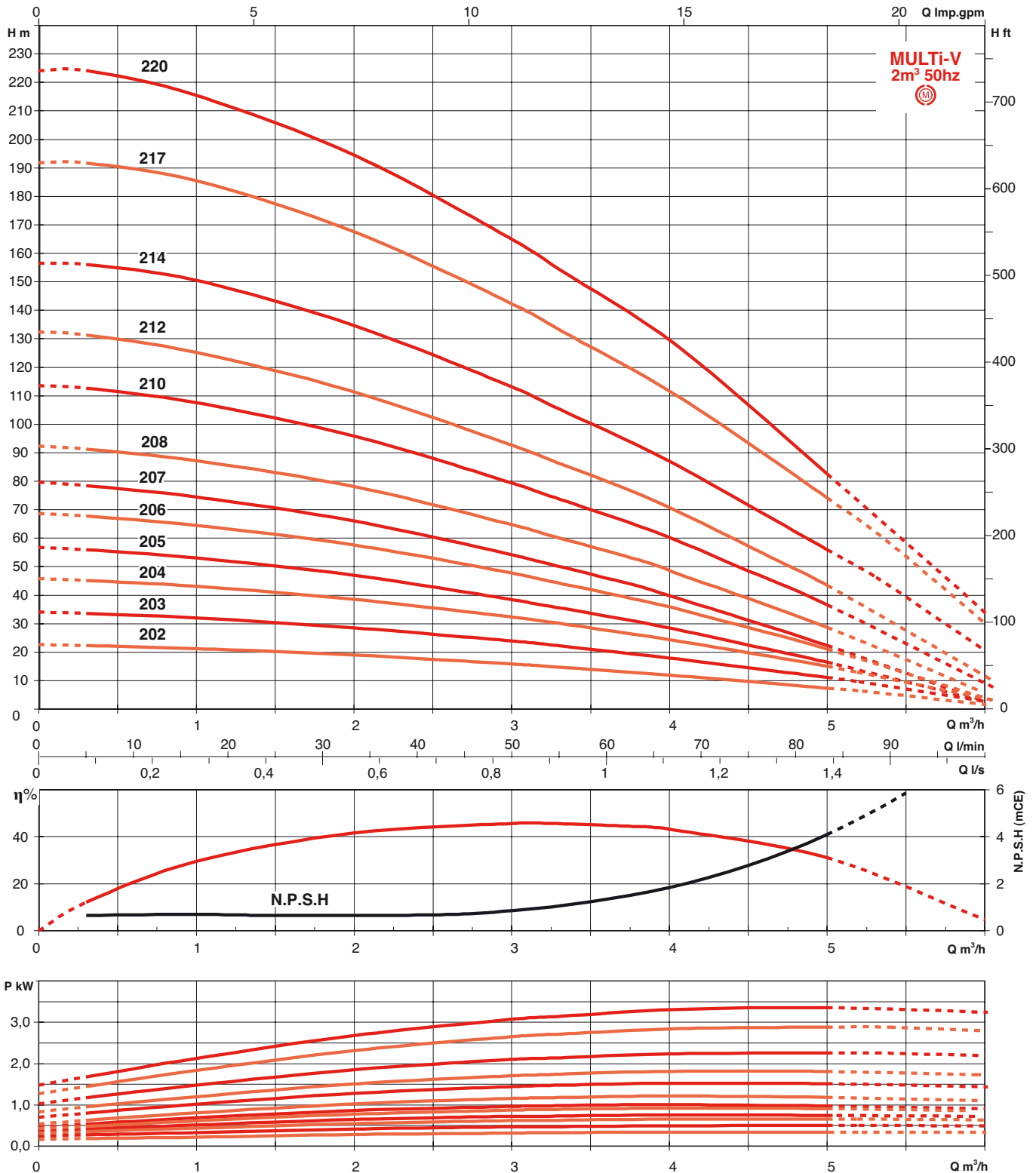


MULTI-V

HYDRAULIC PERFORMANCE AT 2900 RPM - 2 POLE

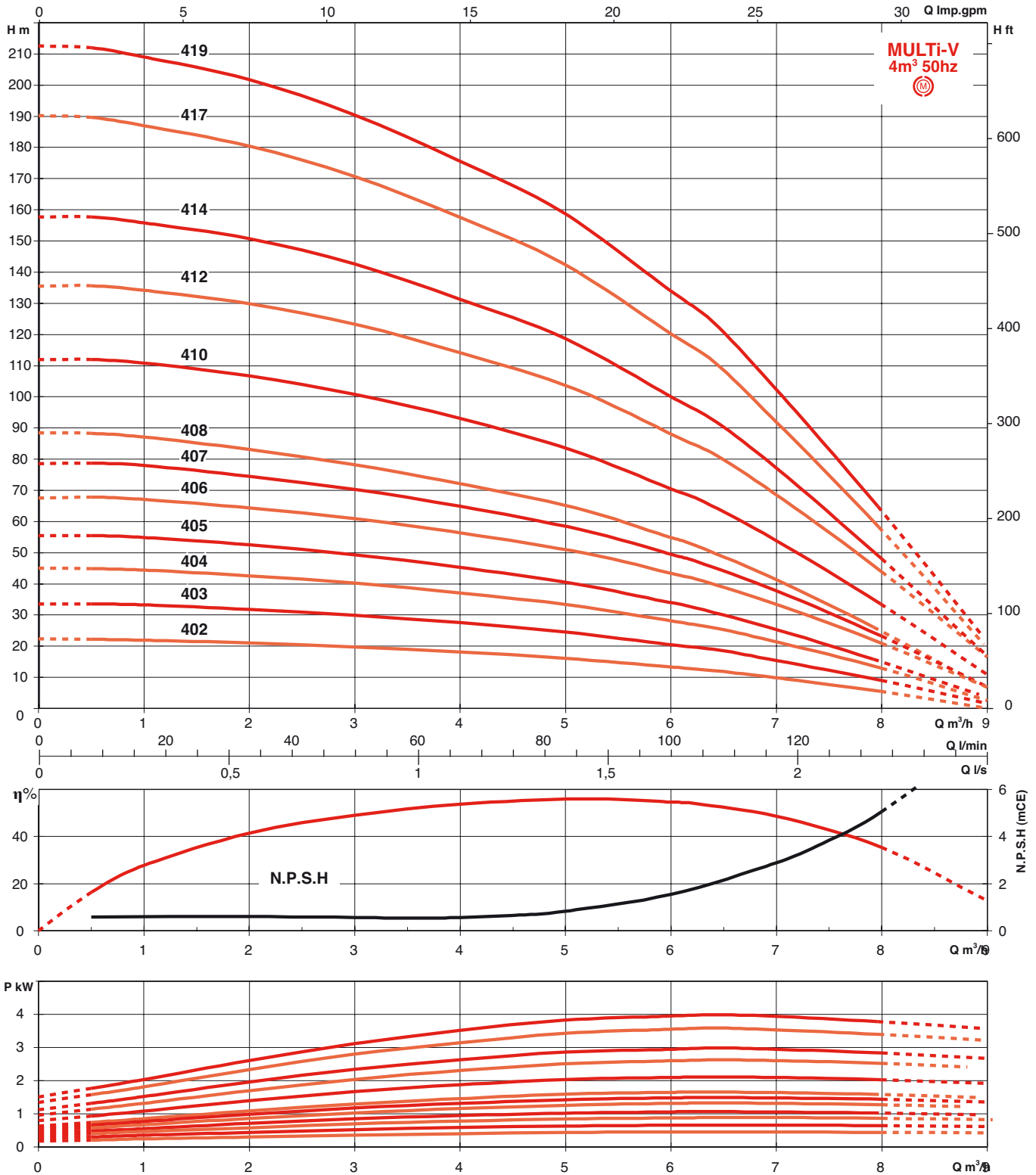


HYDRAULIC PERFORMANCE AT 2900 RPM - 2 POLE

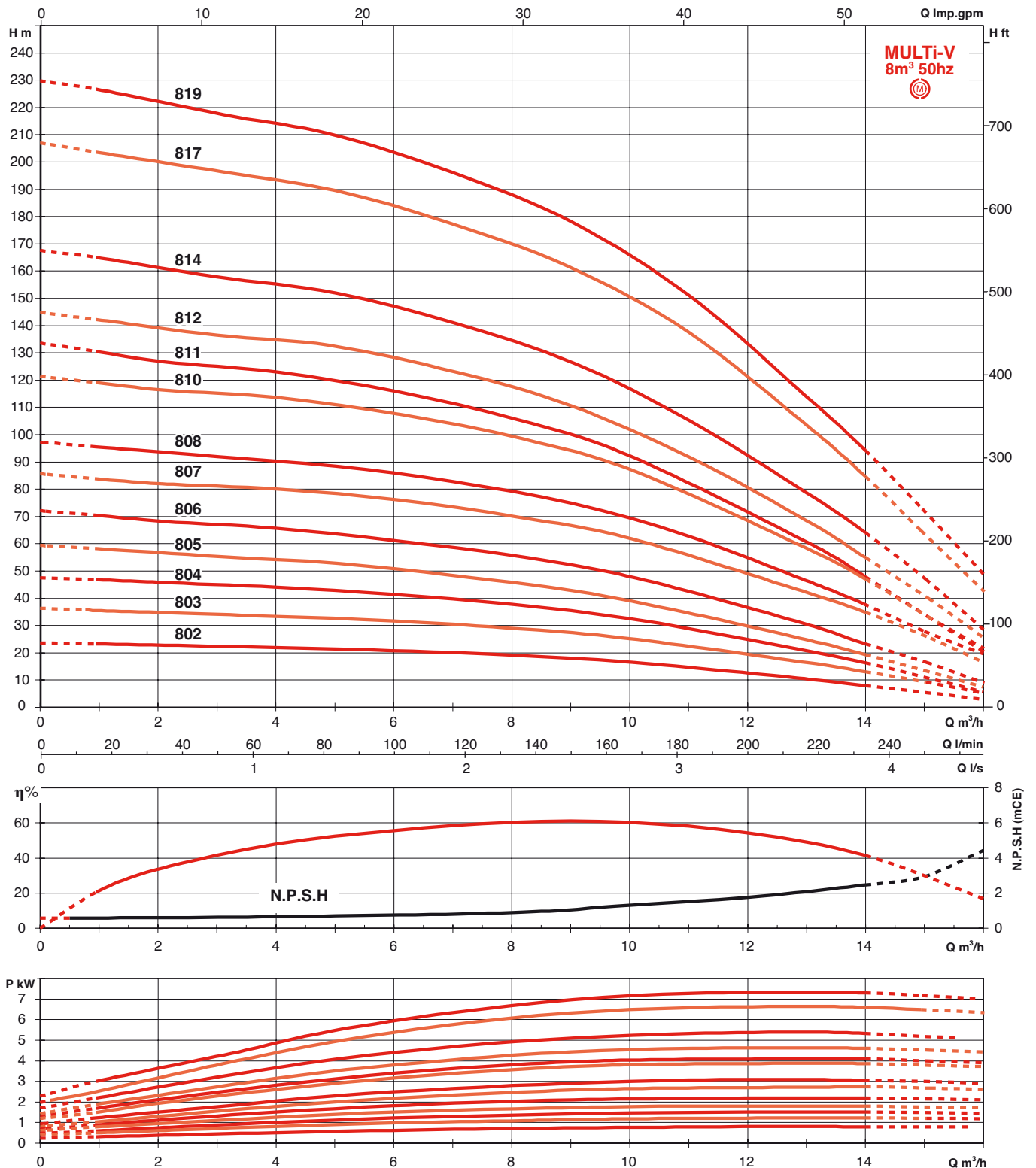


MULTI-V

HYDRAULIC PERFORMANCE AT 2900 RPM - 2 POLE

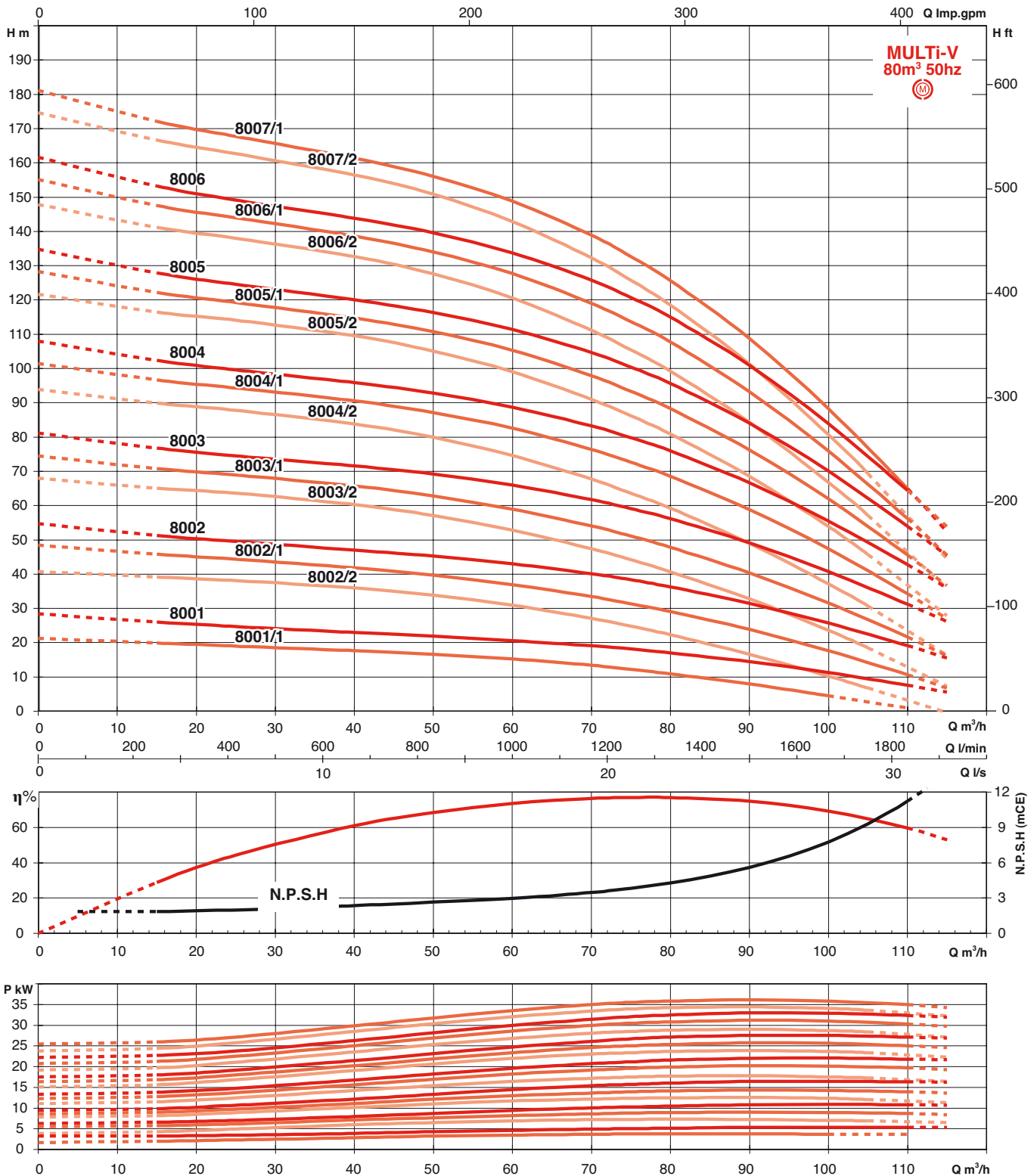


HYDRAULIC PERFORMANCE AT 2900 RPM - 2 POLE

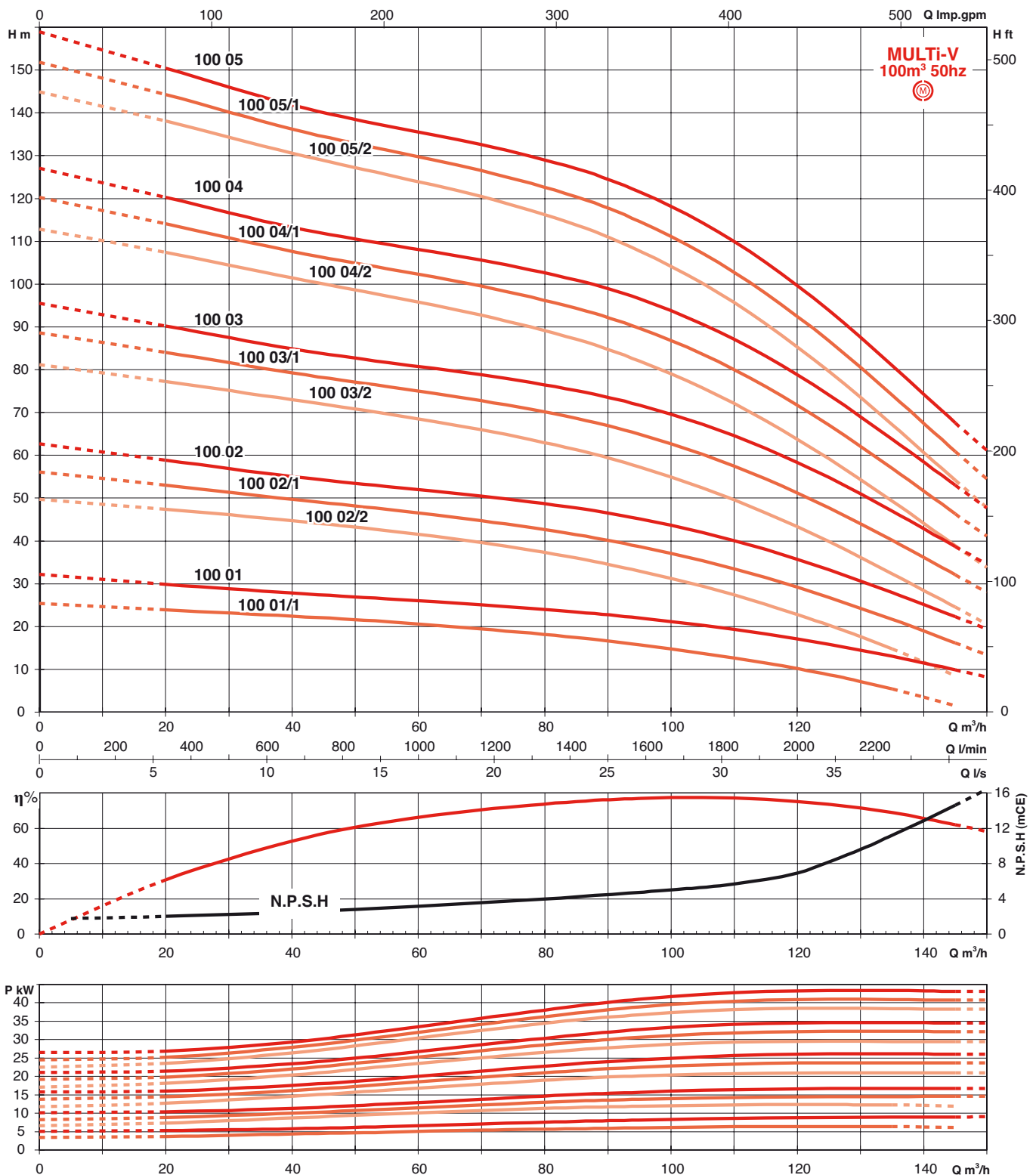


MULTI-V

HYDRAULIC PERFORMANCE AT 2900 RPM - 2 POLE



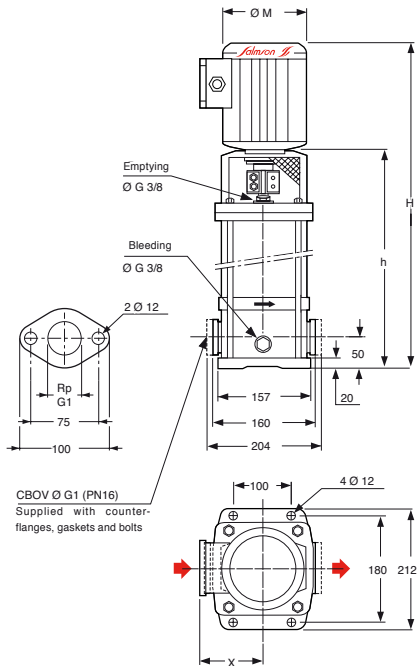
HYDRAULIC PERFORMANCE AT 2900 RPM - 2 POLE



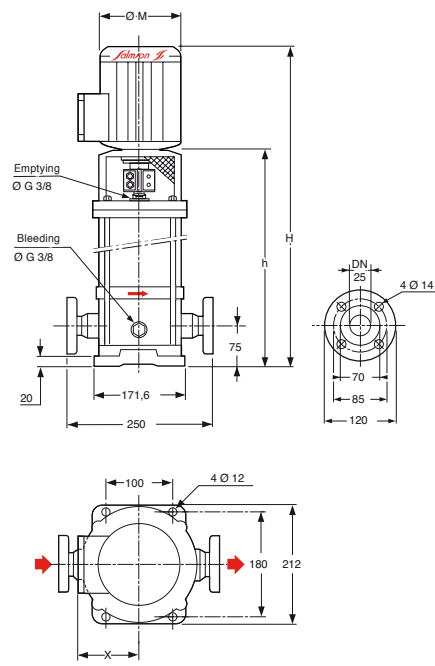
MULTI-V

ELECTRICAL AND DIMENSIONAL CHARACTERISTICS MULTI-V 100 - 2 POLE

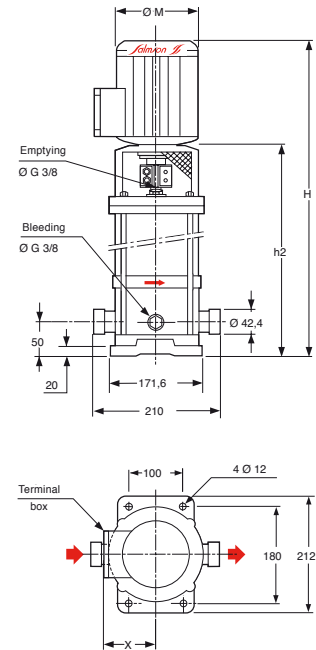
• PN 16 - DN G1



• PN 25 - DN 25



• PN 25 - «VICTAULIC» 1 1/4" CONNECTOR

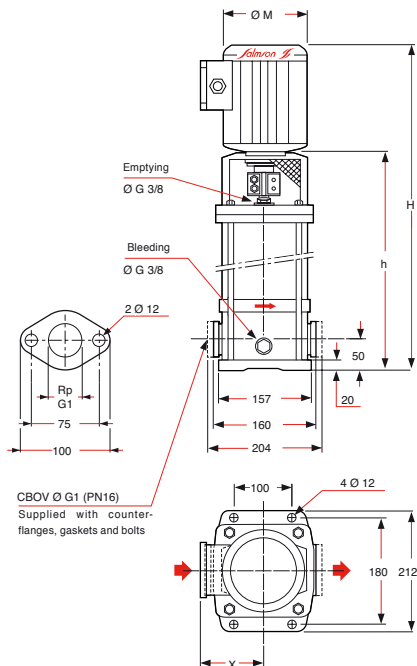


ORDER REFERENCE

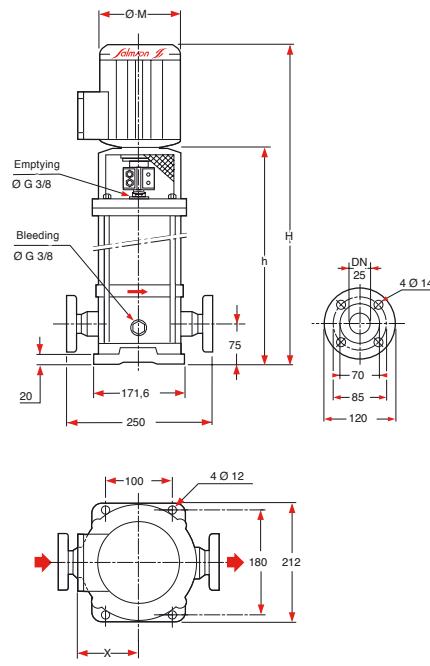
ORDER REFERENCE	MOTOR										PUMP						MASS (kg)					
	P2 kW	Efficiency according to load (%)			Power factor cos φ	Speed rpm	Motor attachment	In (A)			ØM mm	X mm	PN 16 G1		PN 25 DN 25		PN 25 Victaulic		PN 16 With packaging		PN 25 With packaging	
		4/4	3/4	2/4				1 x	3 x	3 x			H	h	H	h	H	h2	Motor No	Motor With	Motor No	Motor With
		230 V	400 V	230 V				mm	mm	mm			mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
MULTI-V 102-M/2	0,37	-	-	-	0,78	2860	14/FT85	2,7	-	-	140	107	490	305	515	330	-	-	12,8	19,5	13,9	20,6
MULTI-V 102-T/2	0,37	-	-	-	0,78	2860	14/FT85	-	0,93	1,6	140	118	528	305	552	330	528	305	12,8	18,8	13,9	19,9
MULTI-V 103-M/2	0,37	-	-	-	0,78	2860	14/FT85	2,7	-	-	140	107	506	305	515	330	-	-	13	19,7	14,1	20,8
MULTI-V 103-T/2	0,37	-	-	-	0,78	2860	14/FT85	-	0,93	1,6	140	118	528	305	552	330	528	305	13	19	14,1	20,1
MULTI-V 104-M/2	0,55	-	-	-	0,76	2860	14/FT85	3,6	-	-	140	107	506	305	515	330	-	-	13,2	20,6	14,3	21,8
MULTI-V 104-T/2	0,55	-	-	-	0,76	2860	14/FT85	-	1,32	2,28	140	118	528	305	552	330	528	305	13,2	19,7	14,3	20,9
MULTI-V 105-M/2	0,55	-	-	-	0,76	2860	14/FT85	3,6	-	-	140	107	530	345	555	370	-	-	14,4	21,9	15,5	23
MULTI-V 105-T/2	0,55	-	-	-	0,76	2860	14/FT85	-	1,32	2,28	140	118	568	345	592	370	568	345	14,4	21	15,5	22,1
MULTI-V 106-M/2	0,75	79	78	76	0,82	2850	19/FT100	4,85	-	-	162	121	570	355	595	380	-	-	14,9	24	16	25,1
MULTI-V 106-T/2	0,75	79	78	76	0,82	2850	19/FT100	-	1,62	2,77	170	127	598	355	623	380	598	355	14,9	23,9	16	25
MULTI-V 107-M/2	0,75	79	78	76	0,82	2850	19/FT100	4,85	-	-	162	121	590	375	615	400	-	-	15,6	24,7	16,7	25,8
MULTI-V 107-T/2	0,75	79	78	76	0,82	2850	19/FT100	-	1,62	2,77	170	127	618	375	643	400	618	375	15,6	24,6	16,7	25,7
MULTI-V 108-M/2	0,75	79	78	76	0,82	2850	19/FT100	4,85	-	-	162	121	630	415	655	440	-	-	16,8	25,9	17,9	27
MULTI-V 108-T/2	0,75	79	78	76	0,82	2850	19/FT100	-	1,62	2,77	170	127	658	415	683	440	658	415	16,8	25,8	17,9	26,9
MULTI-V 109-M/2	1,1	80,5	80,5	78	0,82	2850	19/FT100	6,6	-	-	162	121	630	415	655	440	-	-	17	27,8	18,1	28,9
MULTI-V 109-T/2	1,1	80,5	80,5	78	0,82	2850	19/FT100	-	2,4	4,2	170	127	658	415	683	440	658	415	17	27,2	18,1	28,3
MULTI-V 110-M/2	1,1	80,5	80,5	78	0,82	2850	19/FT100	6,6	-	-	162	121	650	435	675	460	-	-	17,7	28,4	18,8	29,6
MULTI-V 110-T/2	1,1	80,5	80,5	78	0,82	2850	19/FT100	-	2,4	4,2	170	127	678	435	703	460	678	435	17,7	27,8	18,8	29
MULTI-V 112-M/2	1,1	80,5	80,5	78	0,82	2850	19/FT100	6,6	-	-	162	121	690	475	715	500	-	-	19	29,8	20,1	30,9
MULTI-V 112-T/2	1,1	80,5	80,5	78	0,82	2850	19/FT100	-	2,4	4,2	170	127	718	475	743	500	718	475	19	29,2	20,1	30,3
MULTI-V 114-M/2	1,5	82	82	80	0,77	2900	24/FT115	9,1	-	-	182	131	770	525	795	550	-	-	22,4	39,9	23,5	41
MULTI-V 114-T/2	1,5	82	82	80	0,77	2900	24/FT115	-	3,2	5,6	193	151	791	525	816	550	791	525	22,4	35,6	23,5	36,7
MULTI-V 116-T/2	2,2	84	84	82	0,89	2900	24/FT115	-	4,4	7,6	193	151	-	-	856	590	831	565	-	-	24,9	38,9
MULTI-V 118-T/2	2,2	84	84	82	0,89	2900	24/FT115	-	4,4	7,6	193	151	-	-	896	630	871	605	-	-	26,3	40,3
MULTI-V 121-T/2	2,2	84	84	82	0,89	2900	24/FT115	-	4,4	7,6	193	151	-	-	956	690	931	665	-	-	28,4	44,4
MULTI-V 123-T/2	2,2	84	84	82	0,89	2900	24/FT115	-	4,4	7,6	193	151	-	-	1016	750	991	725	-	-	30,3	46,3
MULTI-V 124-T/2	3	84,6	85	82,5	0,88	2920	28/FT130	-	5,8	10,1	217	160	-	-	1055	760	1030	735	-	-	31,1	51,1

ELECTRICAL AND DIMENSIONAL CHARACTERISTICS MULTI-V 200 - 2 POLE

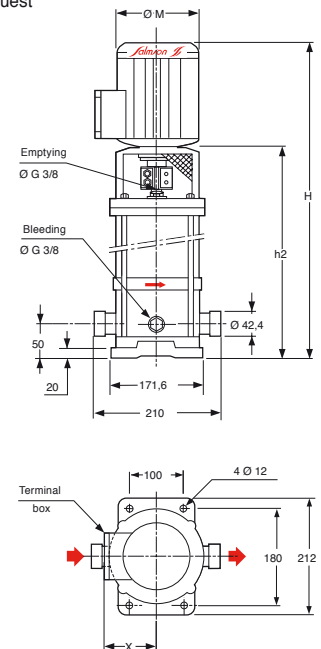
• PN 16 - DN G1



• PN 25 - DN 25



• PN 25 - «VICTAULIC» 1"1/4 CONNECTOR on request



ORDER REFERENCE

ORDER REFERENCE	MOTOR										PUMP								MASS (kg)			
	Efficiency according to load (%)			Power factor cos φ	Speed rpm	Motor attachment	In (A)			PN 16 G1		PN 25 DN 25		PN 25 Victaulic		PN 16 With packaging		PN 25 With packaging				
	4/4	3/4	2/4				1 x 230 V	3 x 400 V	3 x 230 V	ØM	X	H	h	H	h	H	h2	No	With	No	With	
	kW																					
MULTI-V 202-M/2	0,37	-	-	-	0,78	2860	14/FT85	2,65	0,93	1,6	150	123	511	297	536	322	-	-	15	23,5	15,3	24,8
MULTI-V 202-T/2	0,37	-	-	-	0,78	2860	14/FT85	2,65	0,93	1,6	150	123	517	297	542	322	516,5	296,5	15	23	15,3	24,3
MULTI-V 203-M/2	0,55	-	-	-	0,76	2860	14/FT85	3,55	1,3	2,25	150	123	511	297	536	322	-	-	15,2	23,5	16,3	24,8
MULTI-V 203-T/2	0,55	-	-	-	0,76	2860	14/FT85	3,55	1,3	2,25	150	123	517	297	542	322	516,5	296,5	15,2	23	16,3	24,3
MULTI-V 204-M/2	0,75	79	78	76	0,82	2850	19/FT100	2,9	1,68	2,9	170	143	571	331	596	356	-	-	15,5	26	17	27,3
MULTI-V 204-T/2	0,75	79	78	76	0,82	2850	19/FT100	2,9	1,62	2,77	170	143	571	331	596	356	570,5	330,5	15,5	25,5	17	26,8
MULTI-V 205-M/2	0,75	79	78	76	0,82	2850	19/FT100	4,85	1,68	2,9	170	143	595	355	620	380	-	-	15,5	26	17,5	27,3
MULTI-V 205-T/2	0,75	79	78	76	0,82	2850	19/FT100	4,85	1,62	2,77	170	143	595	355	620	380	594,5	354,5	15,5	25,5	17,5	26,8
MULTI-V 206-M/2	1,1	80,5	80,5	78	0,82	2850	19/FT100	6,65	2,4	4,2	170	143	619	379	644	404	-	-	17	28,5	18,3	29,8
MULTI-V 206-T/2	1,1	80,5	80,5	78	0,82	2850	19/FT100	6,65	2,4	4,2	170	143	619	379	644	404	618,5	378,5	17	28	18,3	29,3
MULTI-V 207-M/2	1,1	80,5	80,5	78	0,82	2850	19/FT100	6,65	2,4	4,2	170	143	643	403	668	428	-	-	17	28,5	19,5	29,8
MULTI-V 207-T/2	1,1	80,5	80,5	78	0,82	2850	19/FT100	6,65	2,4	4,2	170	143	643	403	668	428	642,5	402,5	17	28	19,5	29,3
MULTI-V 208-M/2	1,5	82	82	80	0,77	2900	24/FT115	9,1	3,2	5,6	190	148	689	437	714	462	-	-	21,5	36	24,6	37,1
MULTI-V 208-T/2	1,5	82	82	80	0,77	2900	24/FT115	9,1	3,2	5,6	190	148	717	437	742	462	716,5	436,5	21,5	35,5	24,6	36,6
MULTI-V 210-M/2	1,5	82	82	80	0,77	2900	24/FT115	9,1	3,2	5,6	190	148	737	485	762	510	-	-	22,5	37	25,8	38,3
MULTI-V 210-T/2	1,5	82	82	80	0,77	2900	24/FT115	9,1	3,2	5,6	190	148	765	485	790	510	764,5	484,5	22,5	36,5	25,8	37,8
MULTI-V 212-T/2	2,2	84	84	82	0,89	2900	24/FT115	-	4,4	7,6	190	148	813	533	838	558	812,5	532,5	23	38	26,3	39,3
MULTI-V 214-T/2	2,2	84	84	82	0,89	2900	24/FT115	-	4,4	7,6	190	148	-	-	886	606	860,5	580,5	-	-	27	43
MULTI-V 217-T/2	3	84,6	85	82,5	0,88	2920	28/FT130	-	5,8	10,1	213	158	-	-	1008	688	983	662,5	-	-	28	49
MULTI-V 220-T/2	4	85,7	85,3	83	0,88	2905	28/FT130	-	7,7	13,3	213	158	-	-	1136	760	1111	734,5	-	-	32	61

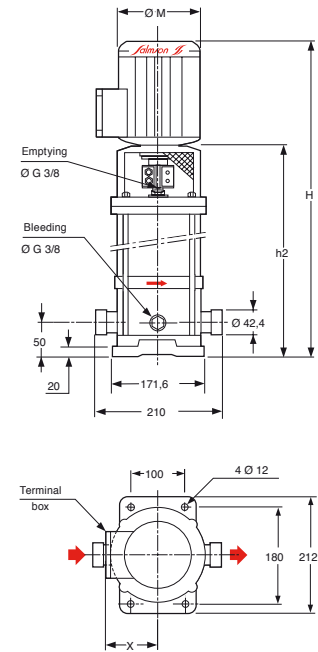
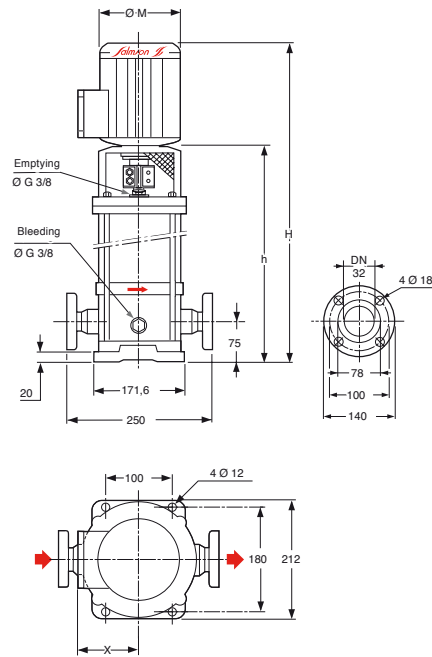
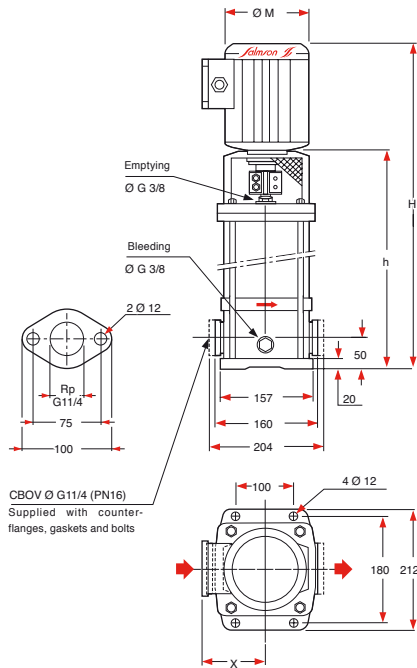
MULTI-V

ELECTRICAL AND DIMENSIONAL CHARACTERISTICS MULTI-V 400 - 2 POLE

• PN 16 - DN G1^{1/4}

• PN 25 - DN 32

• PN 25 - «VICTAULIC» 1^{1/4} CONNECTOR



ORDER REFERENCE

MOTOR

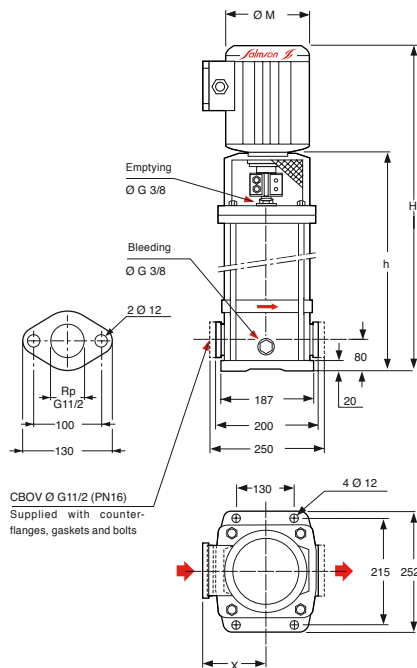
PUMP

MASS (kg)

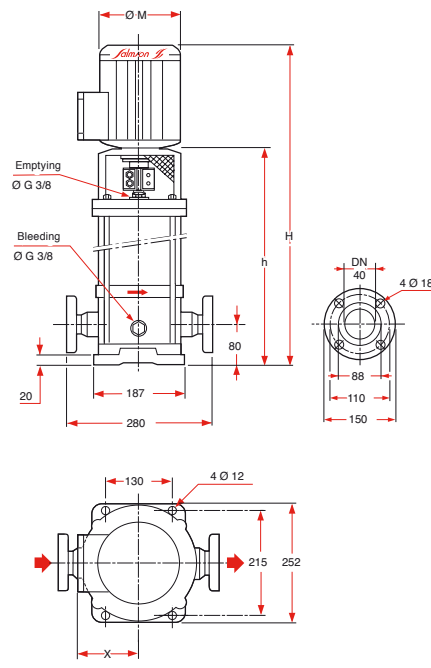
ORDER REFERENCE	MOTOR										PUMP						MASS (kg)						
	P2 kW	Efficiency according to load (%)			Power factor cos φ	Speed rpm	Motor attachment			ØM mm	X mm	H mm	h mm	PN 16 G1		PN 25 DN 25		PN 25 Victaulic		With packaging			
		4/4	3/4	2/4			1 x	3 x	3 x					H	h	H	h2	Motor		Motor			
		230 V	400 V	230 V			mm	mm	mm					mm	mm	mm	mm	No	With	No	With		
MULTI-V 402-M/2	0,55	-	-	-	0,76	2860	14/FT85	3,55	1,3	2,25	150	123	537	297	562	322	-	-	14,5	23	15,8	24,3	
MULTI-V 402-T/2	0,55	-	-	-	0,76	2860	14/FT85	3,55	1,3	2,25	150	123	543	297	567	322	535,5	296,5	-	22,5	-	23,8	
MULTI-V 403-M/2	0,75	79	78	76	0,82	2850	19/FT100	4,85	1,68	2,9	170	143	547	307	572	332	-	-	15,5	26	16,8	27,3	
MULTI-V 403-T/2	0,75	79	78	76	0,82	2850	19/FT100	4,85	1,62	2,77	170	143	547	307	572	332	546,5	306,5	-	25,5	-	26,8	
MULTI-V 404-M/2	1,1	80,5	80,5	78	0,82	2850	19/FT100	6,65	2,4	4,2	170	143	571	331	596	356	-	-	16,4	27,9	17,7	29,2	
MULTI-V 404-T/2	1,1	80,5	80,5	78	0,82	2850	19/FT100	6,65	2,4	4,2	170	143	571	331	596	356	570,5	330,5	-	27,4	-	28,7	
MULTI-V 405-M/2	1,1	80,5	80,5	78	0,82	2850	19/FT100	6,65	2,4	4,2	170	143	595	355	620	380	-	-	17,4	28,9	18,7	30,2	
MULTI-V 405-T/2	1,1	80,5	80,5	78	0,82	2850	19/FT100	6,65	2,4	4,2	170	143	595	355	620	380	594,5	354,5	-	28,4	-	29,7	
MULTI-V 406-M/2	1,5	82	82	80	0,77	2900	24/FT115	9,1	3,2	5,6	190	148	641	389	666	414	-	-	19	33,5	20,3	34,8	
MULTI-V 406-T/2	1,5	82	82	80	0,77	2900	24/FT115	9,1	3,2	5,6	190	148	669	389	694	414	688,5	388,5	-	33	-	34,3	
MULTI-V 407-M/2	1,5	82	82	80	0,77	2900	24/FT115	9,1	3,2	5,6	190	148	665	413	690	438	-	-	20,1	35,5	22,3	36,8	
MULTI-V 407-T/2	1,5	82	82	80	0,77	2900	24/FT115	9,1	3,2	5,6	190	148	693	413	718	438	692,5	412,5	-	35	-	36,3	
MULTI-V 408-T/2	2,2	84	84	82	0,89	2900	24/FT115	-	4,4	7,6	190	148	717	437	742	462	716,5	436,5	20,5	35,5	23,8	36,8	
MULTI-V 410-T/2	2,2	84	84	82	0,89	2900	24/FT115	-	4,4	7,6	190	148	765	485	790	510	784,5	484,5	23	39	24,3	40,3	
MULTI-V 412-T/2	3	84,6	85	82,5	0,88	2920	28/FT130	-	5,8	10,1	213	158	863	543	888	568	862,5	542,5	25	46	26,3	47,3	
MULTI-V 414-T/2	3	84,6	85	82,5	0,88	2920	28/FT130	-	5,8	10,1	213	158	-	-	936	615	910,5	590,5	-	-	30	51	
MULTI-V 417-T/2	4	85,7	85,3	83	0,88	2905	28/FT130	-	7,7	13,3	213	158	-	-	1013	688	988	682,5	-	-	31	60	
MULTI-V 419-T/2	4	85,7	85,3	83	0,88	2905	28/FT130	-	7,7	13,3	240	170	-	-	1136	760	1111	734,5	-	-	32	74	

ELECTRICAL AND DIMENSIONAL CHARACTERISTICS MULTI-V 800 - 2 POLE

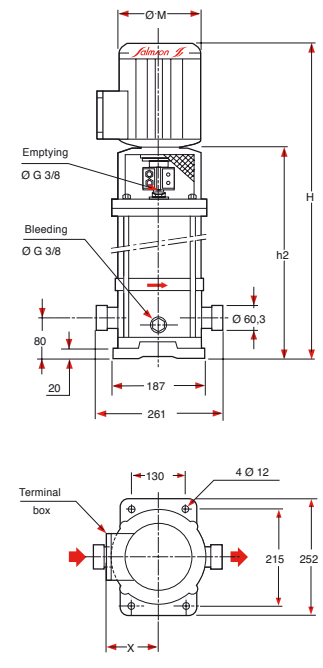
• PN 16 - DN G1^{1/2}



• PN 25 - DN 40



• PN 25 - «VICTAULIC» 2» CONNECTOR

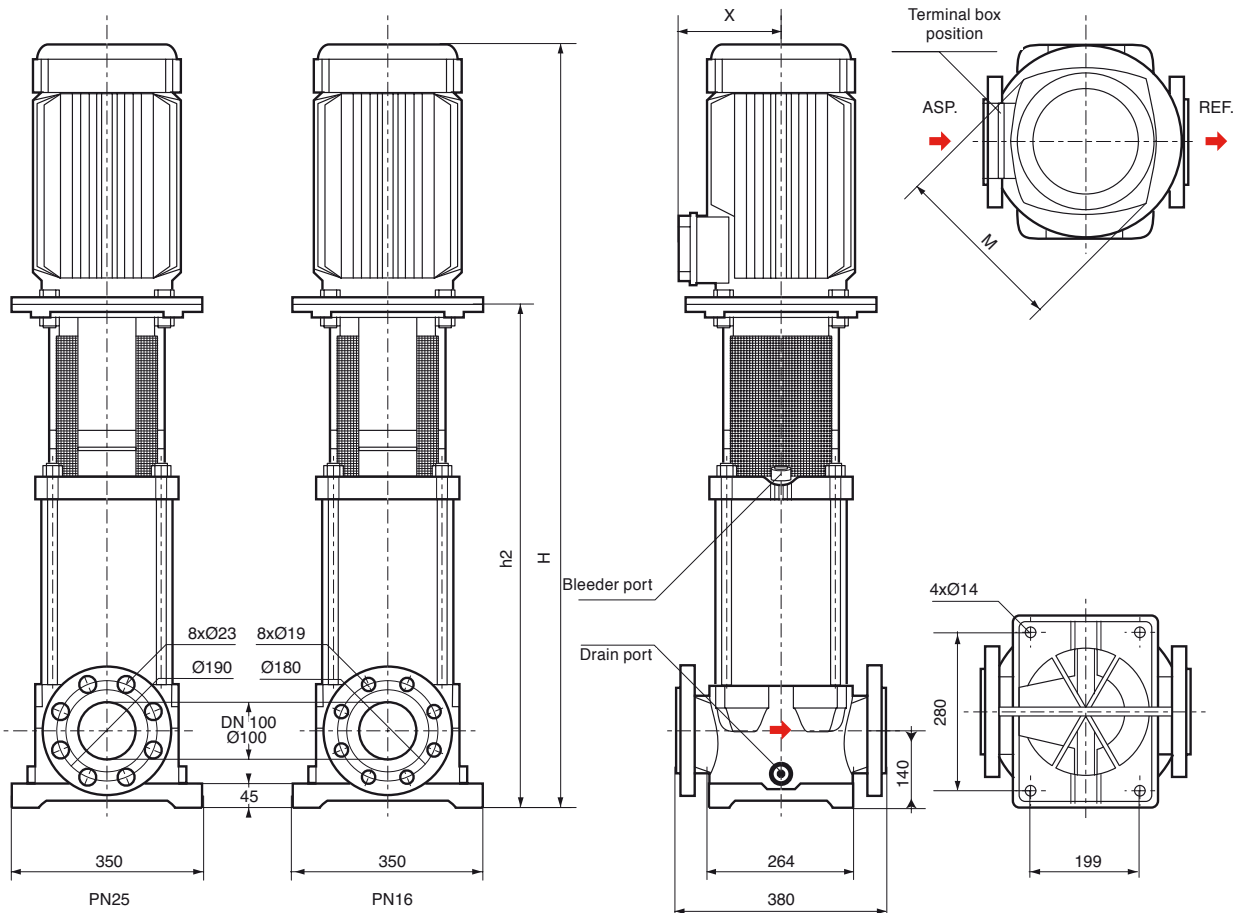


ORDER REFERENCE

ORDER REFERENCE	MOTEUR										PUMP				MASS (kg)					
	P2 kW	Efficiency according to load (%)			Power factor cos φ	Speed rpm	Motor attachment	In (A)			PN 16 G1		PN 25 DN 25		PN 16 With packaging		PN 25 With packaging			
		4/4	3/4	2/4				1 x	3 x	3 x	ØM	X	H	h	H	h	No	With	No	With
		230 V	400 V	230 V				mm	mm	mm	mm	mm	mm	mm	mm	mm	Motor	Motor	Motor	Motor
MULTI-V 802-M/2	0,75	79	78	76	0,82	2850	19/FT100	4,85	1,68	2,9	170	143	574	334	574	334	19,5	30	20,5	31
MULTI-V 802-T/2	0,75	79	78	76	0,82	2850	19/FT100	4,85	1,62	2,77	170	143	574	334	574	334	19,5	29,5	20,5	30,5
MULTI-V 803-M/2	1,1	80,5	80,5	78	0,82	2850	19/FT100	6,65	2,4	4,2	170	143	604	364	604	364	20,5	32	21,5	33
MULTI-V 803-T/2	1,1	80,5	80,5	78	0,82	2850	19/FT100	6,65	2,4	4,2	170	143	604	364	604	364	20,5	31,5	21,5	32,5
MULTI-V 804-M/2	1,5	82	82	80	0,77	2900	24/FT115	9,1	3,2	5,6	190	148	656	404	656	404	22,5	38	24,5	39
MULTI-V 804-T/2	1,5	82	82	80	0,77	2900	24/FT115	9,1	3,2	5,6	190	148	684	404	684	404	22,5	37,5	24,5	38,5
MULTI-V 805-T/2	2,2	84	84	82	0,89	2900	24/FT115	-	4,4	7,6	190	148	714	434	714	434	23,5	38,5	25,5	39,5
MULTI-V 806-T/2	2,2	84	84	82	0,89	2900	24/FT115	-	4,4	7,6	190	148	744	464	744	464	25,0	41	26	42
MULTI-V 807-T/2	3	84,6	85	82,5	0,88	2920	28/FT130	-	5,8	10,1	213	158	824	504	824	504	26,4	47,4	27,4	48,4
MULTI-V 808-T/2	3	84,6	85	82,5	0,88	2920	28/FT130	-	5,8	10,1	213	158	854	534	854	534	27,0	48,5	28,5	49,5
MULTI-V 810-T/2	4	85,7	85,3	83	0,88	2905	28/FT130	-	7,7	13,3	213	158	919	594	919	594	27,5	50,7	29,1	51,7
MULTI-V 811-T/2	4	85,7	85,3	83	0,88	2905	28/FT130	-	7,7	13,3	240	170	10540	654	10540	654	28,5	520	30	53
MULTI-V 812-T/2	5,5	88,6	88,8	86,5	0,9	2920	28/FT130	-	10,6	-	220	160	10540	654	10540	654	29,8	61,8	30,8	62,8
MULTI-V 812N-T/2	5,5	88,6	88,8	86,5	0,9	2920	38/FF265	-	10,2	-	280	194	10730	673	10730	673	31,5	58,5	34,3	66,3
MULTI-V 814-T/2	5,5	88,6	88,8	86,5	0,9	2920	28/FT130	-	10,6	-	220	160	-	-	11140	714	-	-	36,5	74,8
MULTI-V 814N-T/2	5,5	88,6	88,8	86,5	0,9	2920	38/FF265	-	10,2	-	280	194	-	-	11330	733	-	-	39	78
MULTI-V 817-T/2	7,5	88,5	89,9	89,5	0,9	2920	38/FF265	-	14	-	280	194	-	-	12230	823	-	-	40,5	81,5
MULTI-V 819-T/2	7,5	88,5	89,9	89,5	0,9	2920	38/FF265	-	14	-	280	194	-	-	12830	883	-	-	43,5	84,5

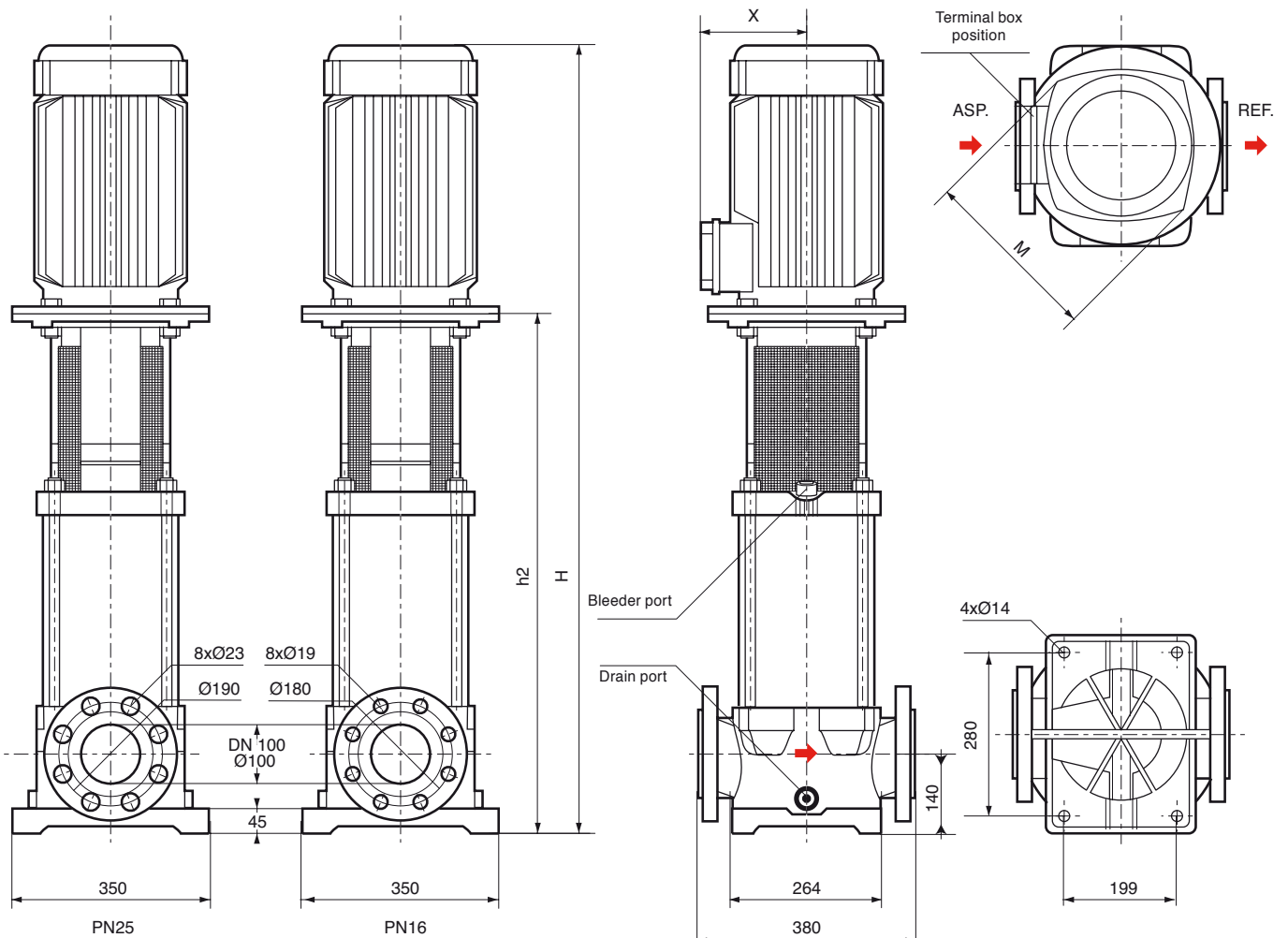
MULTI-V

ELECTRICAL AND DIMENSIONAL CHARACTERISTICS MULTI-V 8000



ORDER REFERENCE	MOTOR						PUMP						MASS (kg)			
	P2 kW	Efficiency according to load (%)			Power factor cos φ	Speed rpm	In (A)		Motor attachment	P max bar	H bar	h2 mm	ØM mm	X mm	With packaging	
		4/4	3/4	2/4			3X230	3X400V							Motor	Without
Multi-V8001/1-T4	4	85,7	85,3	83	0,88	2905	13,3	7,7	28/FT130	16 25	831	539	217	160	86,5	115,5
Multi-V8001-T4	5,5	88,6	88,8	86,5	0,9	2920	-	10,2	28/FT130	16 25	867,5	539	220	160	94,5	133,9
Multi-V8001N-T4	5,5	88,6	88,8	86,5	0,9	2920	-	10,6	38/FF265	16 25	919,5	559	279	182	86,5	119,5
Multi-V8002/2-T4	7,5	88,5	89,9	89,5	0,9	2920	-	14	38/FF265	16 25	1039,5	644	279	182	106,5	183,5
Multi-V8002/1-T4	9	88,9	88,4	86,4	0,89	2945	-	16,3	38/FF265	16 25	1039,5	644	280	182	98,5	158,5
Multi-V8002/1N-T4	11	90,5	90,2	88,8	0,9	2940	-	19,4	42/FF300	16 25	1233	757	325	208	98,5	148,5
Multi-V8002N-T4	11	90,5	90,2	88,8	0,9	2940	-	19,4	42/FF300	16 25	1233	757	325	208	98,5	158,5
Multi-V8003/2-T4	15	90,7	91,1	90,6	0,92	2930	-	25,7	42/FF300	16 25	1318	842	325	208	110	194
Multi-V8003/1-T4	15	90,7	91,1	90,6	0,92	2930	-	25,7	42/FF300	16 25	1318	842	325	208	110	194
Multi-V8003-T4	18,5	91,4	91,8	91,2	0,92	2940	-	31,4	42/FF300	16 25	1337	842	325	235	110	209
Multi-V8004/2-T4	18,5	91,4	91,8	91,2	0,92	2940	-	32,2	42/FF300	16 25	1422	927	325	235	119	236
Multi-V8004/1-T4	22	91,5	91,5	90,4	0,9	2945	-	37,5	42/FF300	16 25	1446	927	370	249	119	213
Multi-V8004-T4	22	91,5	91,5	90,4	0,9	2945	-	37,5	42/FF300	16 25	1446	927	370	249	119	236
Multi-V8005/2-T4	30	92,2	91,6	89,8	0,85	2950	-	52,5	55/FF350	16 25	1611	1012	415	255	126	315
Multi-V8005/1-T4	30	92,2	91,6	89,8	0,85	2950	-	52,5	55/FF350	16 25	1611	1012	415	255	126	315
Multi-V8005-T4	30	92,2	91,6	89,8	0,85	2950	-	52,5	55/FF350	16 25	1611	1012	415	255	126	315
Multi-V8006/2-T4	30	92,2	91,6	89,8	0,85	2950	-	52,5	55/FF350	- 25	1718	1097	415	255	130	341
Multi-V8006/1-T4	37	92,3	92,2	90,8	0,91	2950	-	65	55/FF350	- 25	1696	1097	415	275	130	319
Multi-V8006-T4	37	92,3	92,2	90,8	0,91	2950	-	65	55/FF350	- 25	1718	1097	415	275	130	341
Multi-V8007/2-T4	37	92,3	92,2	90,8	0,91	2950	-	65	55/FF350	- 25	1803	1182	415	275	137	345
Multi-V8007/1-T4	37	92,3	92,2	90,8	0,91	2950	-	65	55/FF350	- 25	1803	1182	415	275	137	345

ELECTRICAL AND DIMENSIONAL CHARACTERISTICS MULTI-V 10000



ORDER REFERENCE	MOTOR						PUMP						MASS (kg) With packaging		
	P2 kW	Efficiency according to load (%)			Power factor	Speed	I (A) 400V	Motor attachment	P max bar	H mm	h2 mm	ØM mm	X mm	With. Motor	Without Motor
		4/4	3/4	2/4	cos φ	rpm									
MULTI-V10001/1-T4	7,5	88,5	89,9	89,5	0,9	2920	14	38/FF265	- 25	932,5	572	279	182	145	95
MULTI-V10001-T4	9	88,9	88,4	86,4	0,89	2945	16,3	38/FF265	16 25	967,5	572	280	182	155	95
MULTI-V10002/2-T4	15	90,7	91,1	90,6	0,92	2930	25,7	42/FF300	16 25	1259	783	325	208	192	108
MULTI-V10002/1-T4	15	90,7	91,1	90,6	0,92	2930	25,7	42/FF300	16 25	1259	783	325	208	192	108
MULTI-V10002-T4	18,5	91,4	91,8	91,2	0,92	2940	31,4	42/FF300	16 25	1278	783	325	235	207	108
MULTI-V10003/2-T4	22	91,5	91,5	90,4	0,9	2945	37,5	48/FF300	16 25	1400	881	370	249	234,5	112,5
MULTI-V10003/1-T4	30	92,2	91,6	89,8	0,85	2950	52,5	55/FF350	16 25	1480	881	415	255	281,5	115,5
MULTI-V10003-T4	30	92,2	91,6	89,8	0,85	2950	52,5	55/FF350	16 25	1480	881	415	255	281,5	115,5
MULTI-V10004/2-T4	30	92,2	91,6	89,8	0,85	2950	52,5	55/FF350	16 25	1578	979	415	255	314,5	125,5
MULTI-V10004/1-T4	37	92,3	92,2	90,8	0,91	2950	65	55/FF350	16 25	1600	979	415	275	336,5	125,5
MULTI-V10004-T4	37	92,3	92,2	90,8	0,91	2950	65	55/FF350	16 25	1600	979	415	275	336,5	125,5
MULTI-V10005/2-T4	45	93,1	92,8	91,3	0,85	2950	82,1	55/FF400	- 25	1704	1077	456	275	371	134
MULTI-V10005/1-T4	45	93,1	92,8	91,3	0,85	2950	82,1	55/FF400	- 25	1704	1077	456	275	371	134
MULTI-V10005-T4	45	93,1	92,8	91,3	0,85	2950	82,1	55/FF400	- 25	1704	1077	456	275	371	134

MULTI-V

RECOMMENDED ACCESSORIES



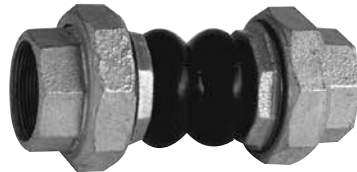
• Protective slave switch for three-phase motor

• Non-return valve



• Shut-off valve

• Vibration-damping sleeves



• Vibration-damping sleeves



• Bladder tank



• Surge tank



FEATURES

a) Electrical

- IE2 "T" types: 3 ~ 230-400 V - 50 Hz or 3 ~ 400 V Δ above 4 kW.
- "M" types: Single-phase 230 V 50 Hz with external capacitor.
- Motors must be protected by a slave switch.
- Stuffing box used for connection to the motor terminal box.

b) Installation

- On solid base using foundation bolts.
- Installation of pump in suction mode with compulsory strainer foot valve, or flooded suction mode on storage tank or mains water system with low water protection kit.
- Connection to pump by backflanges: oval or round for the PN 16 series, by round backflanges or «Victaulic» collar for the PN25 series.
- The installation must allow for the protection of the pump against adverse weather conditions and frost (avoid direct exposure to rain or sun).

c) Packaging

- **Pump without motor**, on request
- **PN16 serie**
 - With oval flanges: pump supplied with oval cast-iron backflanges, gaskets and bolts,
 - With round flanges: pump supplied with gaskets and bolts, without backflanges (optional).
- **PN 25 serie**
 - With round flanges: pump supplied with gaskets and bolts, without backflanges (optional).
 - «Victaulic» connectors: pump supplied with gaskets and bolts (optional «Victaulic» collars).

d) Maintenance

Replacement of recommended spare parts (*) subject to wear.

OPTIONS AND ACCESSORIES

- By-pass kit for boiler supply
- Shut-off valves
- Non-return valves
- Strainer foot valve
- Vibration-damping sleeves
- PN25 round, screw-on stainless steel backflanges
- Bladder or galvanised tanks
- Surge tanks
- ME low-water protection kit
- Protective slave switch for motor...