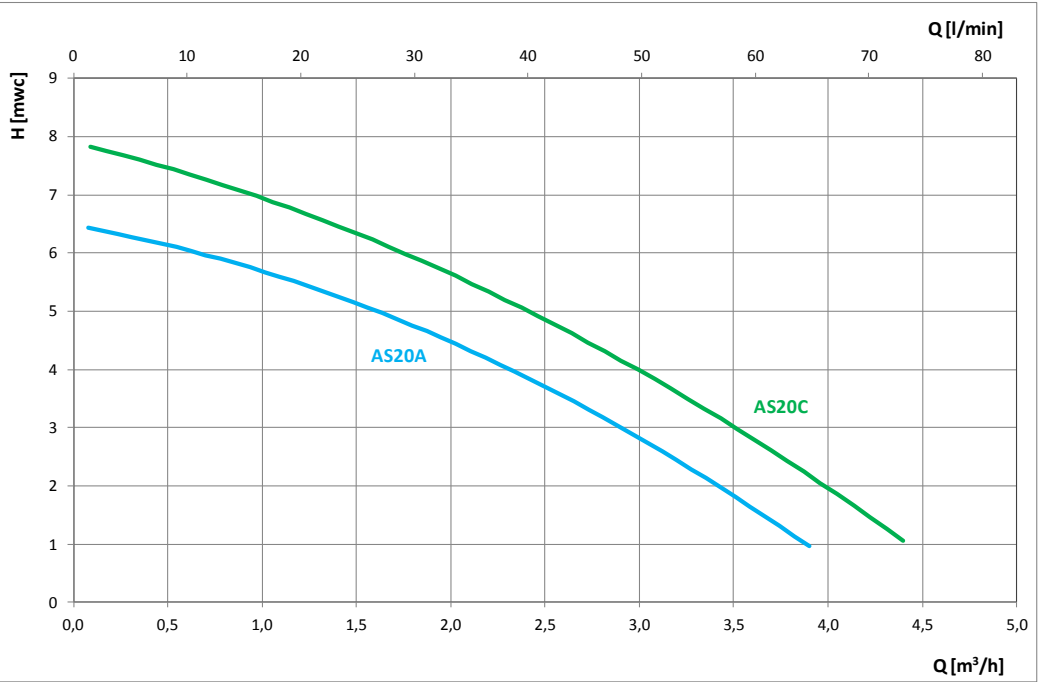


CURVE - CURVES

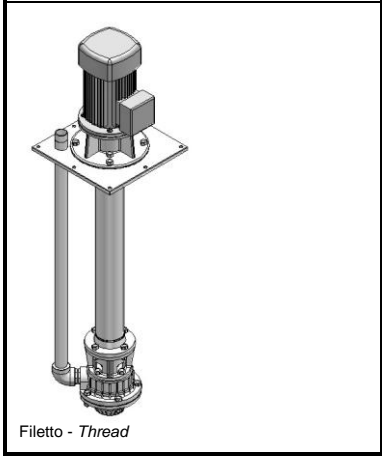
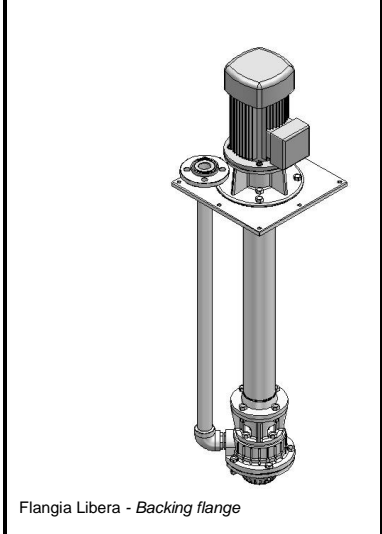
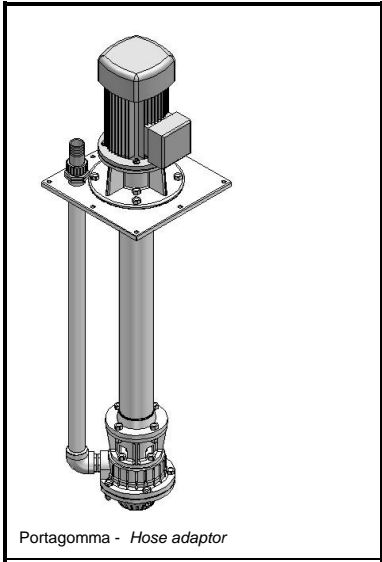
AS20



Curve con liquidi aventi densità 1000 Kg/m³ - viscosità 1 mm²/s alla temperatura di 20°C
 Curves obtained with liquid density 1000 kg/m³ - viscosity 1 mm²/sec - temperature 20°C

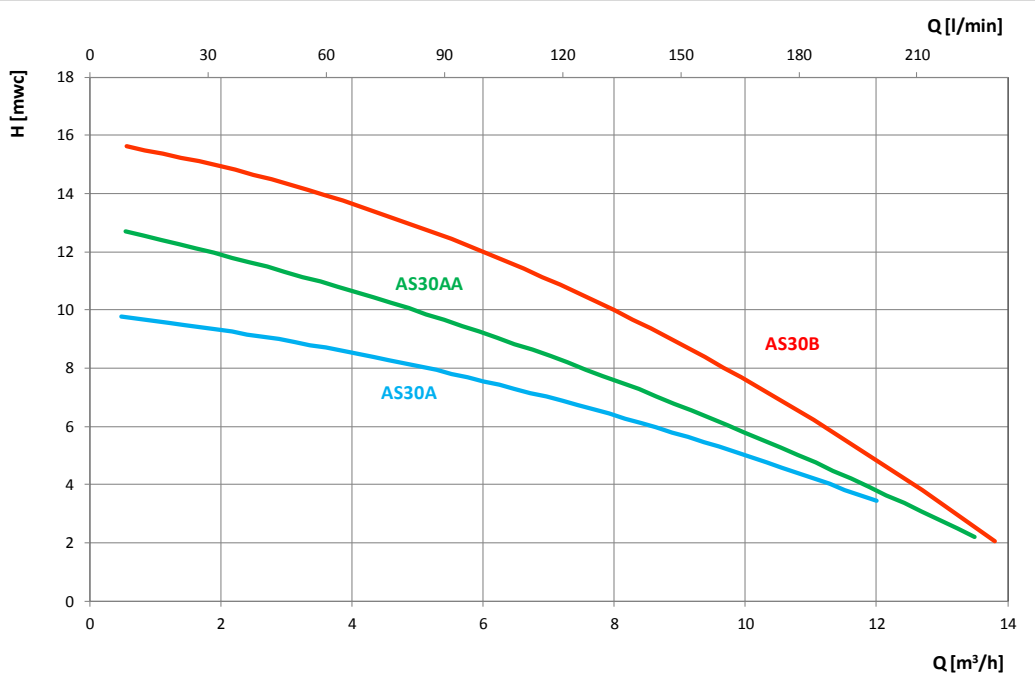
TAVOLA DELLE PRESTAZIONI – Performances table

Modello Pump type	kW	poli poles	girante impeller	Prevalenza totale - Total head														
				H [m w.c.]	2	4	6	8	10									
AS20A	0.25	2	aperta open	Q	m ³ /h	3.3	2.4	0.7										
					l/min	55	40	12										
				SG	Kg/dm ³	1.1	1.3	1.4										
AS20C	0.25	2	chiusa closed	Q	m ³ /h	4	3	1.7										
					l/min	66	50	29										
				SG	Kg/dm ³	1.4	1.6	1.9										



CURVE - CURVES

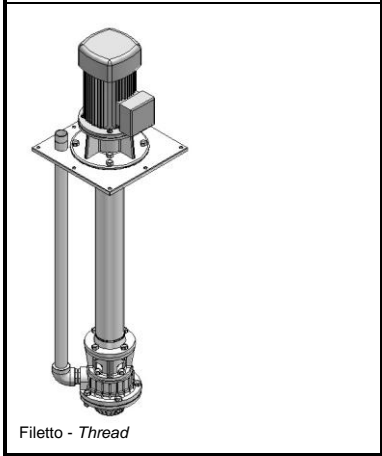
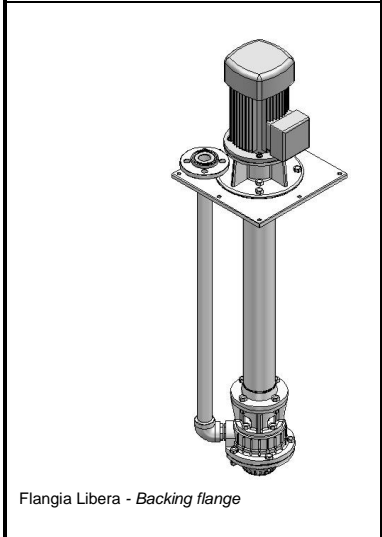
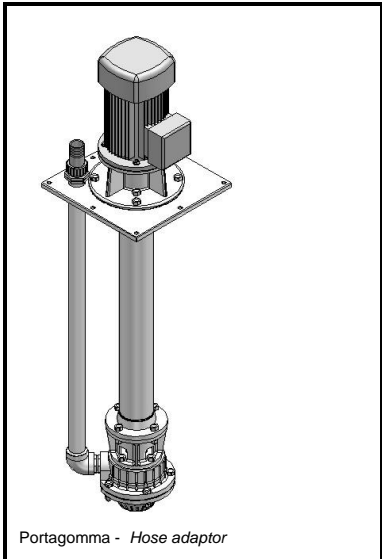
AS30



Curve con liquidi aventi densità 1000 Kg/m³ - viscosità 1 mm²/s alla temperatura di 20°C
 Curves obtained with liquid density 1000 kg/m³ - viscosity 1 mm²/sec - temperature 20°C

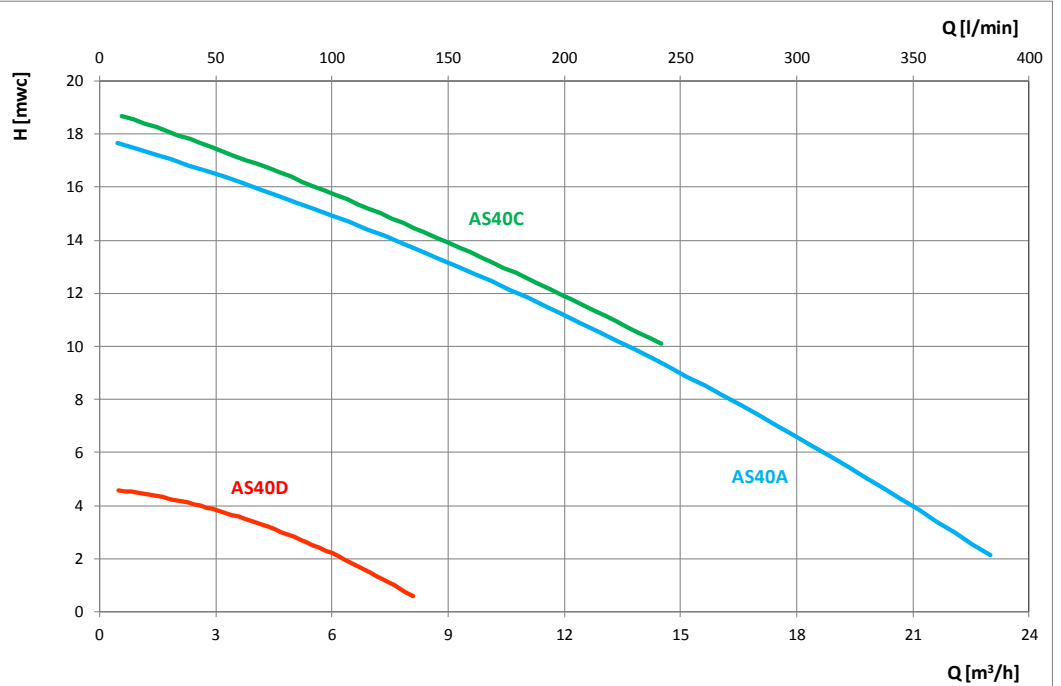
TAVOLA DELLE PRESTAZIONI – Performances table

Modello Pump type	kW	poli poles	girante impeller	Prevalenza totale - Total head															
				H [m w.c.]	2	4	6	8	10	12	14	16	18						
AS30A	0.55	2	aperta open	Q	m ³ /h		11.7	8.7	5.1										
				Q	l/min		195	145	85										
				SG	Kg/dm ³		1.0	1.0	1.1										
AS30AA	0.75	2	aperta open	Q	m ³ /h	13.5	12	9.9	7.5	5.0	1.8								
				Q	l/min	225	200	165	125	83	30								
				SG	Kg/dm ³	1.0	1.0	1.0	1.0	1.0	1.0								
AS30B	1.1	2	aperta open	Q	m ³ /h	13.8	12.5	11.1	10	8	6	3	0						
				Q	l/min	230	208	185	166	133	100	50	0						
				SG	Kg/dm ³	1.0	1.0	1.0	1.1	1.2	1.3	1.4	-						



CURVE - CURVES

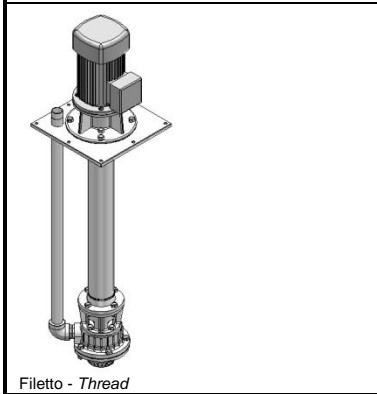
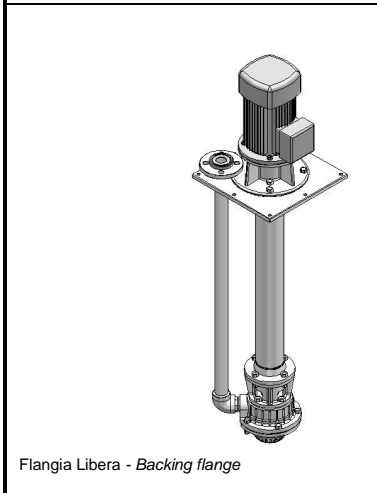
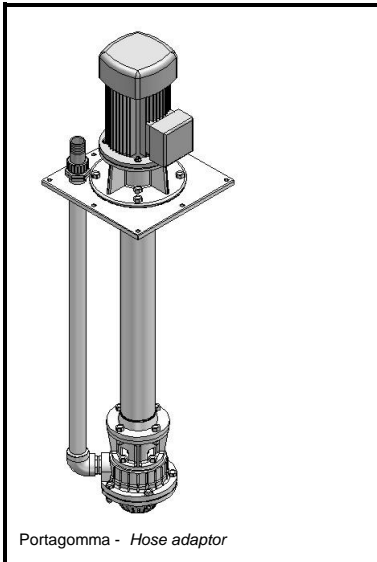
AS40



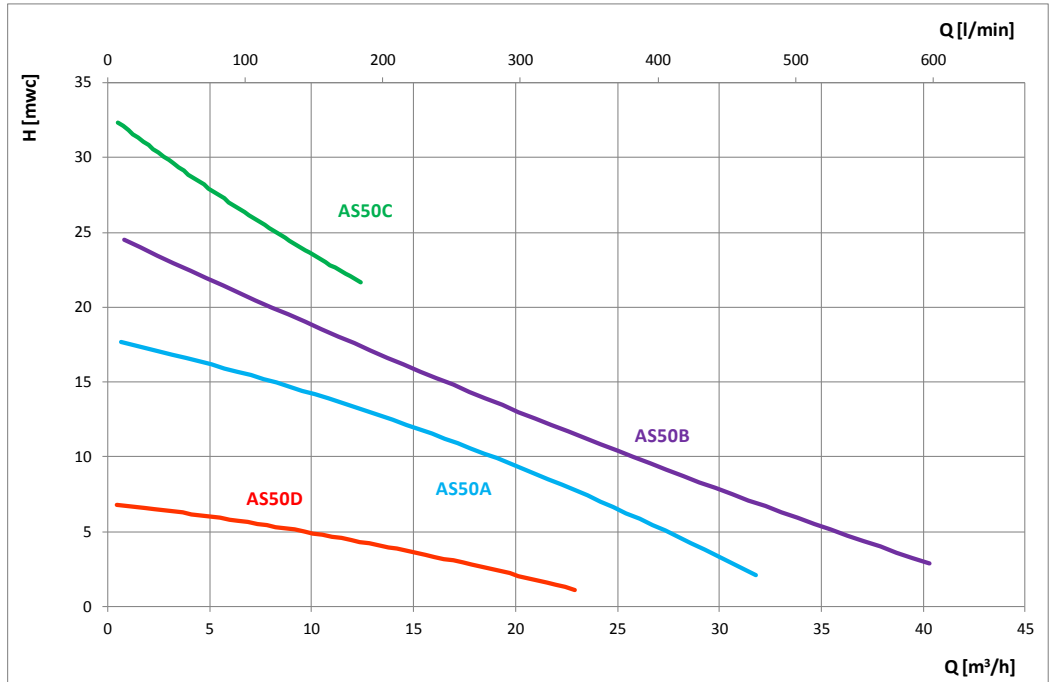
Curve con liquidi aventi densità 1000 Kg/m³ - viscosità 1 mm²/s alla temperatura di 20°C
 Curves obtained with liquid density 1000 kg/m³ - viscosity 1 mm²/sec - temperature 20°C

TAVOLA DELLE PRESTAZIONI – Performances table

Modello Pump type	kW	poli poles	girante impeller	Prevalenza totale - Total head														
				H [m w.c.]	2	4	6	8	10	12	14	16	18	20	25	30	35	40
AS40A	2.2	2	aperta open	Q	m ³ /h	23	21	19	16.3	13.5	11	7.6	3.5	0				
					l/min	383	350	315	271	230	183	126	58	0				
				SG	Kg/dm ³	1.1	1.2	1.2	1.3	1.4	1.4	1.5	1.5	-				
AS40C	1.5	2	chiusa closed	Q	m ³ /h					14.5	12	9.0	5.3	2.0				
					l/min					240	200	150	88	33				
				SG	Kg/dm ³					1.0	1.1	1.2	1.4	1.5				
AS40D	0.37	4	aperta open	Q	m ³ /h	6.2	2.3											
					l/min	103	38											
				SG	Kg/dm ³	2	2											



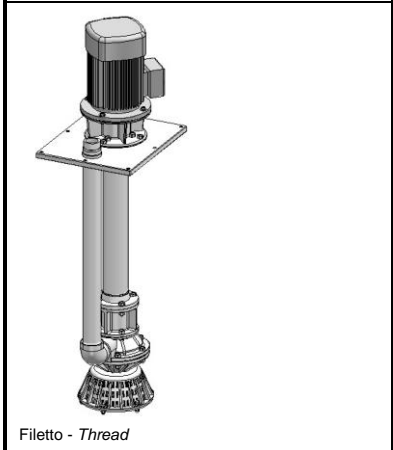
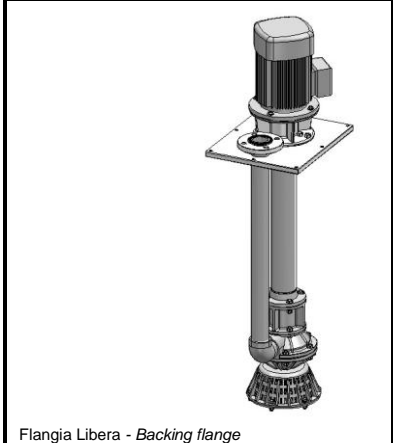
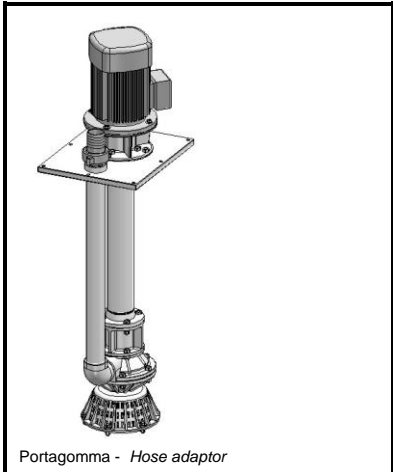
AS50



Curve con liquidi aventi densità 1000 Kg/m³ - viscosità 1 mm²/s alla temperatura di 20°C -
Curves established for liquids density 1000 kg/m³ - viscosity 1 mm²/sec - temperature 20°C

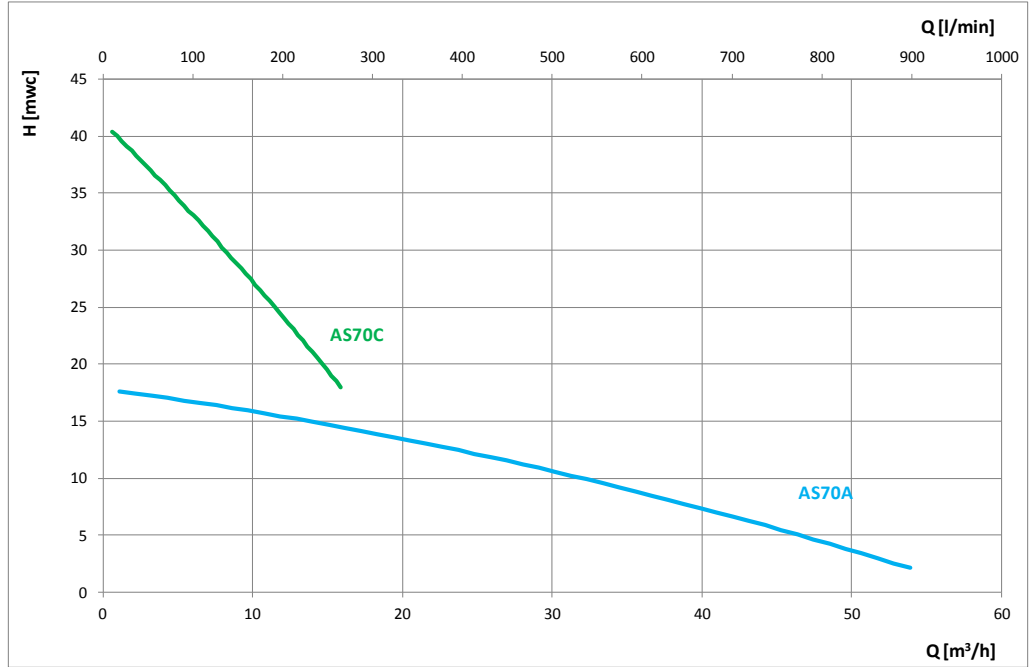
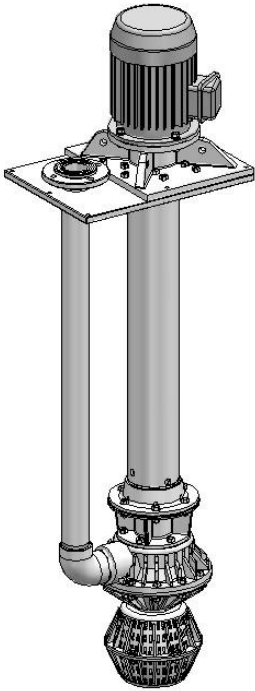
TAVOLA DELLE PRESTAZIONI - Performances table

Modello Pump type	kW	poli poles	girante impeller	Prevalenza totale - Total head - Hauteur de refoulement												
				H [m w.c.]	2	4	6	8	10	12	14	16	18	21	25	30
AS50A	2.2	2	aperta open	Q	m ³ /h	31.8	29.6	27.9	21.9	16.8	12.6	7.8	4.2			
					l/min	530	493	465	365	280	210	130	70			
				SG	Kg/dm ³	1.0	1.0	1.0	1.2	1.2	1.4	1.5	1.6			
AS50B	3	2	aperta open	Q	m ³ /h	37.8	33.7	29.6	25.8	22	18.3	14.8	11.4	6.4		
					l/min	630	561	493	430	366	305	247	190	106		
				SG	Kg/cm ³	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.3	1.4		
AS50C	3	2	chiusa closed	Q	m ³ /h									13.3	8.3	2.8
					l/min									222	138	47
				SG	Kg/dm ³											1.0
AS50D	1.1	4	aperta open	Q	m ³ /h	20.7	14.5	4.5								
					l/min	190	110	15								
				SG	Kg/dm ³	1.0	1.1	1.3								



CURVE - CURVES

AS 70



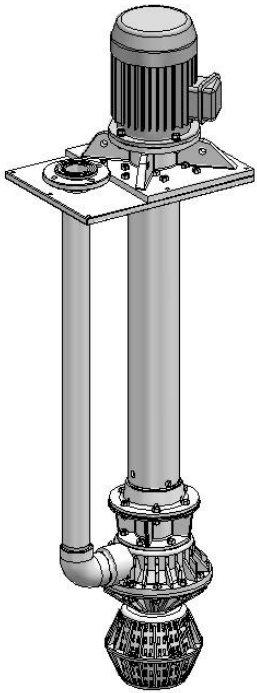
Curve con liquidi aventi densità 1000 Kg/m³ - viscosità 1 mm²/s alla temperatura di 20°C -
 Curves established for liquids density 1000 kg/m³ - viscosity 1 mm²/sec - temperature 20°C

Flangia Libera - Backing flange

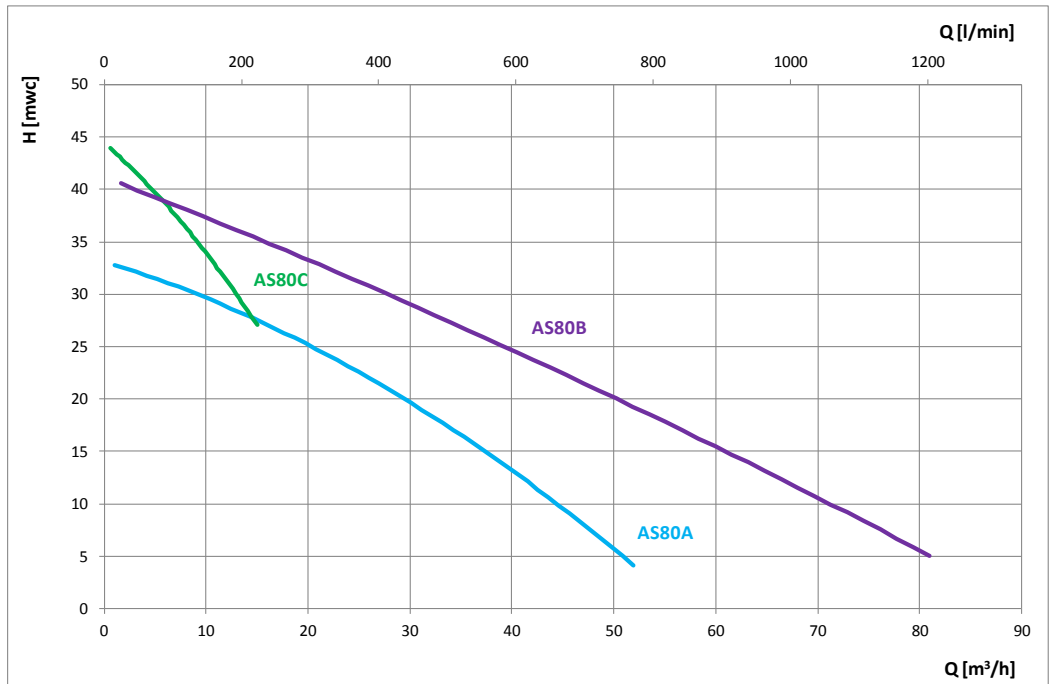
TAVOLA DELLE PRESTAZIONI - Performances table

Modello Pump type	kW	poli poles	girante impeller	Prevalenza totale - Total head											
				H [m w.c.]	0	5	10	15	20	25	30	35	40	42	
AS70A	4	2	aperta open	Q	m ³ /h	49.8	40.6	29.4	18.2	0					
				Q	l/min	830	676	490	303	0					
				SG	Kg/dm ³	1.1	1.1	1.1	1.2	-					
AS70C	4	2	chiusa closed	Q	m ³ /h			15.9	15	13.8	8.1	4.6			
				Q	l/min			265	250	230	135	77			
				SG	Kg/cm ³			1.0	1.0	1.0	1.0	1.2			

AS80



Flangia Libera - Backing Ring

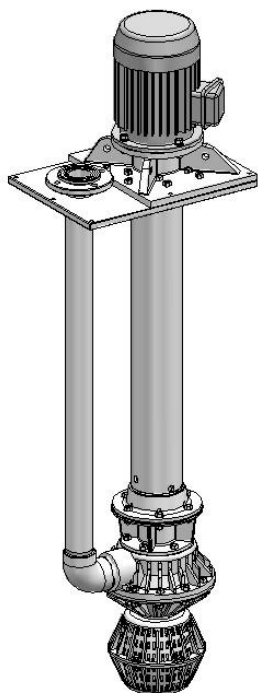


Curve con liquidi aventi densità 1000 Kg/m³ - viscosità 1 mm²/s alla temperatura di 20°C -
Curves established for liquids density 1000 kg/m³ - viscosity 1 mm²/sec - temperature 20°C

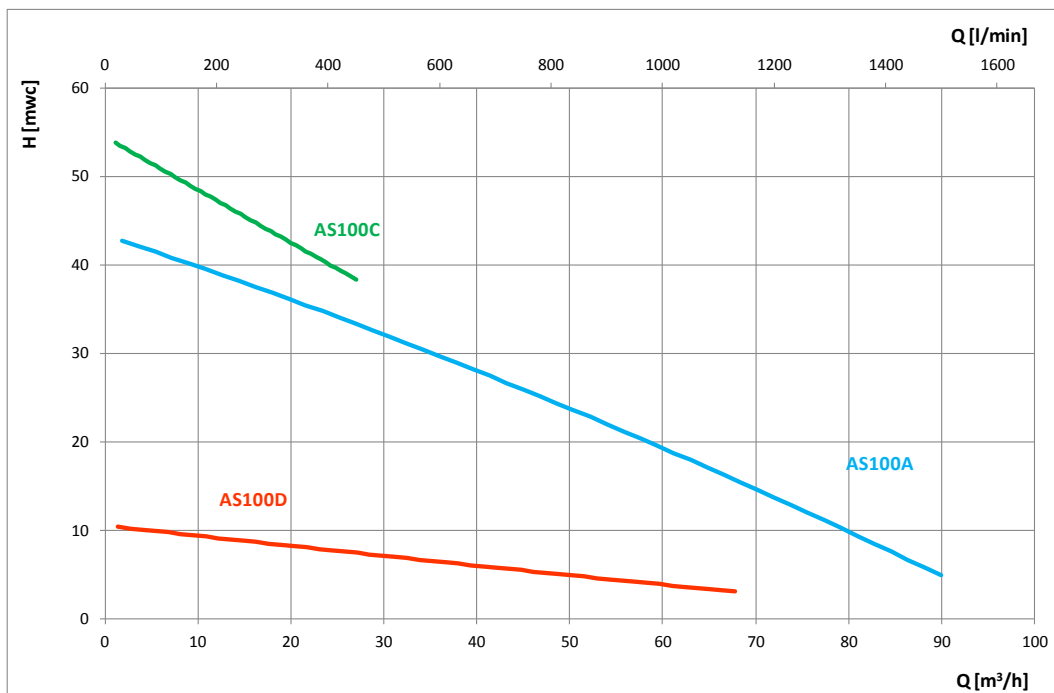
TAVOLA DELLE PRESTAZIONI - Performances table

Modello <i>Pump type</i>	kW	poli <i>poles</i>	girante <i>impeller</i>	Prevalenza totale - <i>Total head</i>												
				H [m w.c.]	3	5	10	15	20	25	30	35	40	45		
AS80A	5.5	2	aperta <i>open</i>	Q	m ³ /h			51.9	43.5	35.3	29.4	21	11.4			
					l/min			865	725	588	490	350	190			
				SG	Kg/dm ³			1.0	1.0	1.0	1.1	1.2	1.2			
AS80B	9.2	2	aperta <i>open</i>	Q	m ³ /h			81	72	60	49.8	40	27.6	16.5	3	
					l/min			1350	1200	1000	830	680	460	275	50	
				SG	Kg/cm ³			1.0	1.0	1.0	1.1	1.1	1.2	1.3	1.4	
AS80C	5.5	2	Chiusa <i>closed</i>	Q	m ³ /h							15	14.4	9.6	3.6	0
					l/min							250	240	160	60	0
				SG	Kg/dm ³								1.1	1.2	1.3	1.5

AS100



Flangia Libera - Backing Ring



Curve con liquidi aventi densità 1000 Kg/m³ - viscosità 1 mm²/s alla temperatura di 20°C
 Curves obtained with liquid density 1000 kg/m³ - viscosity 1 mm²/sec - temperature 20°C

TAVOLA DELLE PRESTAZIONI – Performances table

Modello Pump type	kW	poli poles	girante impeller	Prevalenza totale - Total head													
				H [m w.c.]	3	5	10	15	20	25	30	35	40	45	50	52	
AS100A	11	2	aperta open	Portata - Delivery - Débit - Caudal - Förderhöhen													
				Q	m ³ /h	90	79.5	70	56.7	46.5	35.4	24.9	9.4				
					l/min	1500	1325	1165	945	775	590	415	157				
	SG	Kg/dm ³	1.1	1.1	1.1	1.1	1.2	1.3	1.5	1.5							
AS100C	11	2	Chiusa closed	Q	m ³ /h							24.9	15.7	7.8	3.9		
					l/min								415	262	130	65	
				SG	Kg/dm ³									1.1	1.2	1.6	1.8
AS100D	4	4	aperta open	Q	m ³ /h	67.8	48.3	0									
					l/min	1130	805	0									
				SG	Kg/dm ³	1.3	1.3	-									

Le pompe resistenti alla corrosione sono macchine destinate ad essere utilizzate con liquidi ed in ambienti che presentano situazioni di lavoro specifiche. Ogni componente è scelto e progettato in funzione delle prestazioni richieste, in accordo alle esigenze di resistenza chimica derivanti dalle condizioni di utilizzo.

Corrosion resistant pumps are high-tech products specifically conceived to be used with aggressive liquids under specific operating conditions. Each component is designed and realized to meet the requested performance, according to the chemical resistance needs and the working conditions technical requirements.

Come scegliere le pompe centrifughe verticali tipo AS

How to chose AS centrifugal vertical pumps

Versione pompa – Pump version

- con attacco filettato – threaded
- con portagomma – Hose adaptor
- con flangie libere – Backing flange

Motore elettrico – Electric motor (*)

- potenza kW – power kW
- frequenza Hz – frequency Hz
- dimensione motore – motor frame
- poli - poles

Materiali costruttivi – Construction materials (**)

- | | |
|---|-----------------------|
| • Materiale pompa – pump material: | PP, PVC, PVDF |
| • Materiale bussole di usura – Bushings material: | PTFE Filled, CER, SiC |
| • Materiale guarnizioni – gasket material: | EPDM, FPM, PTFE |

SI CONSIGLIA VIVAMENTE DI CONSULTARE E VERIFICARE L'ACCURATEZZA DEI DATI CON L'UFFICIO TECNICO-COMMERCIALE PRIMA DELLA SCELTA DEFINITIVA

WE STRONGLY SUGGEST TO VERIFY THE ACCURACY OF ALL DATA CONSULTING OUR TECHNICAL AND COMMERCIAL OFFICES BEFORE YOUR DEFINITIVE CHOICE.

(*) La potenza del motore consigliata è indicata nella tabella prestazioni. Qualora il peso specifico del liquido sia superiore ai valori indicati nel campo SG kg/cm³ si deve prevedere una potenza superiore (esempio: il motore della pompa TIPO AS20A ha come potenza standard 0,25 kW; nel caso di densità del liquido (SG/PS) superiore al valore indicato nella Tavole delle prestazioni la potenza dovrà essere di 0,37 kW).

Suggested electric motor power is indicated in the pumps performance chart. If the liquid specific gravity is higher than the values indicated in the field "SG kg/cm3", it is necessary to select higher power (for instance for the OMA20A pump the standard motor power is 0,25 kW but, if the density is more than the indicated value, the power must be 0,37 kW).

(**) I materiali costruttivi sono scelti in funzione della natura del liquido (composizione, concentrazione, temperatura). È importante che questi dati vengano accuratamente raccolti e sottoposti al controllo del servizio tecnico SAVINO BARBERA per la conferma definitiva e la certificazione della pompa.

All construction materials are selected according to the liquid nature (chemical composition, concentration, temperature). These data must be carefully collected and reported to Savino Barbera technical office to obtain the guarantee of the pump suitability.

(***) Le diverse tipologie di giranti disponibili (con prestazioni diverse) vengono identificate come segue:

- Versione A – B giranti aperte - due diversi diametri – velocità di rotazione 2900 rpm
- Versione C girante chiusa – velocità di rotazione 2900 rpm
- Versione D girante aperta – velocità di rotazione 1450 rpm

Savino Barbera pumps can be equipped with different impeller sizes (with different performance), identified as follow:

- Version A-B open impellers - 2 different diameters – rotation speed 2900 rpm – 2 poles
- Version C closed impeller – rotation speed 2900 rpm – 2 poles
- Version D open impeller – rotation speed 1450 rpm – 4 poles



via Torino 12 10032 Brandizzo Italy – tel. +39 011 9139063 – fax +39 011 9137313
e mail info@savinobarbera.com www.savinobarbera.com