

PRODUCT OVERVIEW



FLUID-PRESS

COMPANY PROFILE



Fondata nel 1971, FLUID-PRESS SPA azienda leader nella costruzione di valvole e blocchi integrati multifunzione, basa il proprio successo sulla costante ricerca di soluzioni innovative.

Operiamo nel settore da oltre quarant'anni concentrando la progettazione, produzione e commercializzazione del prodotto ad Albinea, Reggio Emilia, polo industriale della meccanica da sempre riconosciuto nel mondo. FLUID-PRESS SPA dispone di due stabilimenti per una superficie complessiva di 6.000 mq.

Il primo dedicato alla produzione della componentistica ed il secondo per magazzino, montaggio, collaudo e spedizione del prodotto finito.

Certificata UNI EN ISO 9001:2008 nel 1998, per soddisfare le esigenze di un mercato sempre più selettivo, FLUID-PRESS SPA persegue la filosofia della qualità unita alla massima flessibilità.

Scelta vincente che grazie anche all'uso di tecnologie sempre all'avanguardia, consente di soddisfare le esigenze della Clientela, con una quota di export che negli ultimi anni ha superato il 50% del fatturato.

La missione FLUID-PRESS SPA è di sviluppare e realizzare prodotti d'eccellenza per impianti oleodinamici del settore mobile e fisso. Determinati ad essere, oggi come ieri, la vostra prima scelta.



FLUID-PRESS SPA leader in the construction of hydraulic valves and manifold blocks. Founded in 1971, the company engages in a constant search for innovative solutions, which has led to its great success.

FLUID-PRESS SPA has been active in its sector for more than forty years. Its design, production and marketing operations are concentrated in Albinea (Reggio Emilia), Italy - an industrial area specialized in mechanics, recognized all over the world.

FLUID-PRESS SPA has two plants with a total surface area of 6.000 square metres. One facility handles the production of components, while in the other we find the warehouse, assembly, testing and shipment of finished products.

UNI EN ISO 9001:2008 - certified in 1998, to meet the demands of an increasingly selective market, FLUID-PRESS SPA has developed a philosophy of quality combined with maximum flexibility.

With the use of advanced technology, this philosophy enables the company to fully satisfy the customers requirements with the export that over the past few years has exceeded 50% of turnover.

FLUID-PRESS SPA mission is to design and build products of excellence for hydraulic systems in the industrial and mobile fields. Now as in the past, determined to be your first choice.



Der Erfolg der Firma FLUID-PRESS SPA, die 1971 gegründet wurde und eine führende Position in der Herstellung von Hydraulikventilen behauptet, beruht sich in erster Linie auf ihrer ständigen Suche nach innovativen Lösungen. Wir sind seit über vierzig Jahren in diesem Bereich tätig; Entwicklung, Produktion und Vertrieb unsere Produkte sind in unserem Werk in Albinea, Reggio Emilia, einem seit langem weltweit bekannten Zentrum für Industriemechanik konzentriert.

FLUID-PRESS SPA verfügt über zwei Werksgebäude mit einer Gesamtoberfläche von 6.000 m².

Das erste dient zur Herstellung der Komponenten, das zweite zur Lagerung, Montage, Überprüfung und Verschickung der Endprodukte. Die Unternehmensphilosophie von FLUID-PRESS SPA heißt: Qualität vereint mit der größten Flexibilität und, um den Bedürfnissen eines immer anspruchsvolleren Marktes gerecht zu werden, erhielt die Firma 1998 die Zertifizierung UNI EN ISO 9001:2008. Mit Hilfe dieser Philosophie sowie der Anwendung innovativer Technologien ist es möglich, die Bedürfnisse der Kundschaft zufrieden zu stellen, und das zeigt sich auch in den Exportzahl, die in den letzten Jahren über 50% des Umsatzes ausgemacht hat. FLUID-PRESS SPA sieht seine Aufgabe darin, erstklassige Produkte für bewegliche und stehende Hydraulikanlagen zu entwickeln und herzustellen. Gestern wie heute wollen wir Ihre erste Wahl sein.



INNOVAZIONE NELLA PROGETTAZIONE

Innovazione continua, frutto di un'accurata competenza e professionalità dei nostri tecnici, acquisita dopo tanti anni di lavoro svolto nel team di Fluid-Press spa. Obiettivo principale è il superamento dei problemi attraverso soluzioni meccatroniche. Innovazione che si incentra sullo sviluppo delle nostre valvole rivolte alla soddisfazione dei clienti.

SOLUZIONI PER APPLICAZIONI

Tutto ruota attorno al nostro cliente. Le soluzioni personalizzate che proponiamo interagiscono costantemente con le necessità della clientela, creando così un maggior valore aggiunto. Il nostro obiettivo è quello di migliorare le prestazioni delle vostre macchine comprendendo anche le vostre esigenze. Noi di Fluid-Press spa siamo sempre pronti ad assistervi.

QUALITÀ NELLA PRODUZIONE

Le valvole ed i manifold blocks vengono lavorati ed assemblati, nel nostro stabilimento di Reggio Emilia, da operatori qualificati ed esperti che garantiscono affidabilità e qualità costante. Oltre al processo produttivo, siamo attenti anche alla qualità dei nostri prodotti. Questi vengono realizzati con acciai ed alluminio qualitativamente certificati per garantire una maggiore precisione funzionale ed una maggiore durata. Testiamo infine tutte le nostre valvole e ogni manifold blocks per garantirvi precisione e zero difetti, facilitando così la vostra produzione. Per noi la Certificazione UNI EN ISO 9001:2008 ha un significato importante.



INNOVATION in DESIGN

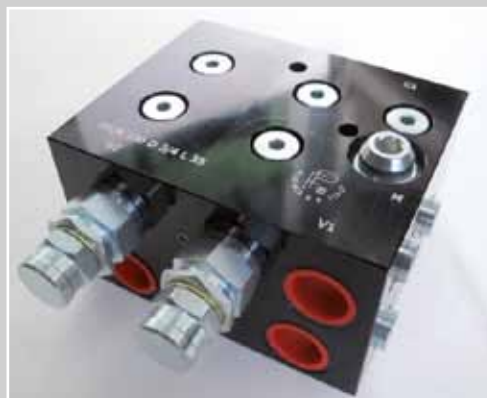
Continuous innovation, the results of a verified expertise and professionalism of our design engineers, most of whom have been in Fluid-Press spa for many years. The main objective is to overcome the problems through mechatronic solutions. Innovation that focuses on the development of our valves, aimed at customer's satisfaction.

SOLUTIONS to APPLICATIONS

Our main focus is on the Customer. Our valve and system designs are tailored to improve the competitiveness of your machinery by not trying to force your application to fit our range, but understanding you and your requirements and by being approachable and ready to assist you.

QUALITY in MANUFACTURING

The valves and manifold blocks are machined and assembled in house by trained and experienced technicians ensuring the reliability and consistent quality that you expect. They are made to exemplary standards, manufactured from high grade steels and aluminium with close tolerance finish to give higher functional accuracy and a longer working life. We are also meticulous about cleanliness, our valves and manifold blocks will not introduce damaging contaminants into your system and tested prior to despatch. We endeavour to deliver 100% on time with zero defects, facilitating your manufacture. UNI EN ISO 9001:2008 has an important meaning.



APPLICATION



Grazie al costante ascolto delle esigenze dei nostri clienti abbiamo investito tempo, energie e risorse nello sviluppo di soluzioni innovative, con l'obiettivo di conquistare sempre più mercati.

Comprensione e vicinanza alla nostra clientela, rapidità di risposte, soluzioni appropriate per garantire l'affidabilità dei vostri macchinari sono solo alcuni ingredienti che fanno grande il nome di Fluid-Press spa nel mondo.

I nostri prodotti vengono impiegati nei settori:

- Agricolo
- Movimento Terra
- Sollevamento e Trasporto
- Industriale
- Per i veicoli industriali
- Che richiedono una applicazione speciale

Crediamo nella solidità e nella costanza del nostro servizio al cliente, volto alla ricerca della sua massima soddisfazione.

La nostra esperienza, infatti, è a vostra disposizione per fornire soluzioni personalizzate con prestazioni sempre più affidabili che vanno ad aggiungersi alla nostra già ampia gamma di valvole oleodinamiche, blocchi integrati e cartucce elettriche.



In listening to our customer's needs, we supply the right product at the right price, adding to the reliability of your machine. Responding quickly to new requirements, understanding your needs and supplying systems that are appropriate, with the intention of reducing your development lead times by not using redundant technology. Through our engineering competence we will assist you to specify the best product for your system. And by dealing honestly with you if problems arise, we make every effort to resolving them acceptably.

- Agricultural
- Earth Moving Equipment
- Lifting, Access and Transport
- Commercial Vehicles
- Industrial Power Units
- Other Special Applications

Our extensive range of Hydraulic Mechanical and Directional Control Solenoid Screw-in Cartridges, Line Bodied Valves and Integrated Manifold Systems allow us to provide total customer satisfaction by reducing your machine assembly time, improves your customer delivery time and increases your output.

We believe in our strength and consistency of service to our customers ensuring them peace of mind and total satisfaction.

PRODUCT RANGE



CARTUCCE SAE E METRICHE / SAE AND METRIC CARTRIDGE VALVES

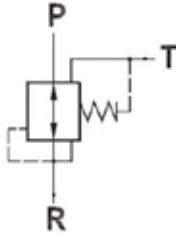
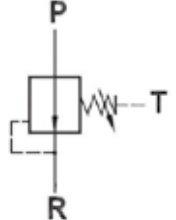
Valvola di Massima Pressione / Pressure Relief Valves

Schema Idraulico <i>Hydraulic circuit</i>	Tipo <i>Type</i>	Caratteristiche Tecniche <i>Technical Features</i>	Q (L/min)	P max (BAR)
	FPM-D-C	Azione Diretta / <i>Direct Acting</i>	05 – 80	350 bar – 5100 psi
	FPM-D-S10	Azione Diretta cavità SAE / <i>Direct Acting SAE cavity</i>	70	350 bar – 5100 psi
	FPM-D-F-C	Azione Diretta mont. Pannello / <i>Direct Acting panel mounted</i>	15 – 80	350 bar – 5100 psi
	FPMHP-D-C	Azione Diretta pressioni elevate / <i>Direct Acting high pressure</i>	30 – 120	420 bar – 6090 psi
	FPM-I-D-3-P	Azione Diretta guided poppet / <i>Direct Acting guided poppet</i>	3	260 bar – 3770 psi
	FPM-P-150-C	Pilotata a cursore / <i>Pilot operating sliding spool type</i>	150	350 bar – 5100 psi
	FPM-P-S10-C	Pilotata a cursore, cavità SAE / <i>Pilot operating sliding spool type, SAE cavity</i>	110	350 bar – 5100 psi

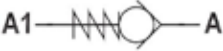
Valvola di sequenza / Sequence Valves

Schema Idraulico <i>Hydraulic circuit</i>	Tipo <i>Type</i>	Caratteristiche Tecniche <i>Technical Features</i>	Q (L/min)	P max (BAR)
	FPSQB-D-30-C	Azione Diretta / <i>Direct Acting</i>	40	350 bar – 5100 psi
	FPSQ-A-25-C	Area differenziale con ritorno libero / <i>Differential piston free reverse flow</i>	25	350 bar – 5100 psi
	FPSQB-D-30-C-NA	Azione Diretta, bilanciata NA / <i>Direct Acting, balanced, NO</i>	30	350 bar – 5100 psi
	FPSQB-D-30-C-NC	Azione Diretta, bilanciata NC / <i>Direct Acting, balanced, NC</i>	30	350 bar – 5100 psi
	FPSQUP-P-150-C-P	Pilotata, taratura regolabile a cursore / <i>Pilot operated, spool type</i>	150	350 bar – 5100 psi
	FPSQU-P-150-C-P	Pilotata, taratura regolabile, a cursore con kick down / <i>Pilot operated, spool type with kick down</i>	150	350 bar – 5100 psi

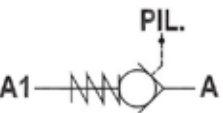
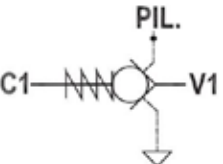
Valvole riduttrici di pressione / Pressure reducing valves

Schema Idraulico <i>Hydraulic circuit</i>	Tipo <i>Type</i>	Caratteristiche Tecniche <i>Technical Features</i>	Q (L/min)	P max (BAR)
	FPRPF-D-2-C	Azione Diretta, taratura fissa / <i>Direct Acting, fixed setting</i>	2	350 bar – 5100 psi
	FPRP-D-30-C	Azione Diretta, con relief / <i>Direct Acting with reverse relief</i>	30	350 bar – 5100 psi
	FPRPN-D-30-C	Azione Diretta, con relief / <i>Direct Acting with reverse relief</i>	30	350 bar – 5100 psi
	FPRP-P-60-C	Pilotata con relief / <i>Pilot operated with reverse relief</i>	60	350 bar – 5100 psi
	FPRP-P-SR-60-C	Pilotata / <i>Pilot operated</i>	50	350 bar – 5100 psi
	FPRP-P-150-C	Pilotata / <i>Pilot operated</i>	150	350 bar – 5100 psi

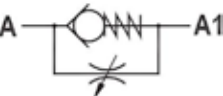
Valvole di ritengo unidirezionale / Check valves

Schema Idraulico <i>Hydraulic circuit</i>	Tipo <i>Type</i>	Caratteristiche Tecniche <i>Technical Features</i>	Q (L/min)	P max (BAR)
	FPR-C	Versione cartuccia / <i>Cartridge version</i>	15 – 70	350 bar – 5100 psi
	FPR-C-S	Versione cartuccia, cavità SAE / <i>Cartridge version, SAE cavity</i>	50 – 120	350 bar – 5100 psi
	FPR-C-S08-S	Versione cartuccia, tenuta a sfera, cavità SAE / <i>Cartridge version, cartridge ball version, SAE cavity</i>	50	350 bar – 5100 psi
	FPR-CR-SAE	Versione cartuccia, cavità SAE / <i>Cartridge version, SAE cavity</i>	20 – 100	350 bar – 5100 psi


Valvole di blocco pilotate semplici / Single pilot operated check valves

Schema Idraulico <i>Hydraulic circuit</i>	Tipo <i>Type</i>	Caratteristiche Tecniche <i>Technical Features</i>	Q (L/min)	P max (BAR)
	FPS-C	Versione cartuccia / <i>Cartridge version</i>	15 – 40	350 bar – 5100 psi
	FPS-C-S	Versione cartuccia, cavità SAE / <i>Cartridge version, SAE cavity</i>	30 – 90	350 bar – 5100 psi
	FPS-CR	Versione cartuccia, cavità SAE / <i>Cartridge version, SAE cavity</i>	20 – 70	350 bar – 5100 psi
	FPSFB-CR-70	Versione cartuccia bilanciata / <i>Cartridge version fully balanced</i>	70	350 bar – 5100 psi

Valvole regolatrici di flusso unidirezionali / Restrictor Valves

Schema Idraulico <i>Hydraulic circuit</i>	Tipo <i>Type</i>	Caratteristiche Tecniche <i>Technical Features</i>	Q (L/min)	P max (BAR)
	FPU-C	Cavità SAE / <i>SAE cavity</i>	20 – 140	350 bar – 5100 psi

Valvole regolatrici di flusso bidirezionali / Needle Valves

Schema Idraulico <i>Hydraulic circuit</i>	Tipo <i>Type</i>	Caratteristiche Tecniche <i>Technical Features</i>	Q (L/min)	P max (BAR)
	FPB-C	Cavità SAE / <i>SAE cavity</i>	40 – 140	350 bar – 5100 psi

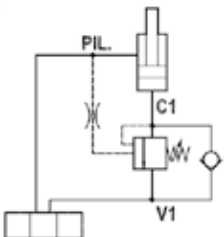
Valvole regolatrici di flusso compensate / Compensated flow control valves

Schema Idraulico <i>Hydraulic circuit</i>	Tipo <i>Type</i>	Caratteristiche Tecniche <i>Technical Features</i>	Q (L/min)	P max (BAR)
	FPVP-50-C-R	Regolatore di flusso a tre vie compensato, con eccedenza in pressione / <i>three way, pressure compensated flow regulator, with exceeding flow in pressure</i>	50	350 bar – 5100 psi
	FPVP-90-C-R	Regolatore di flusso a tre vie compensato, con eccedenza in pressione / <i>three way, pressure compensated flow regulator, with exceeding flow in pressure</i>	90	350 bar – 5100 psi
	FPVPF-60-C	Regolatore di flusso a tre vie compensato, con eccedenza in pressione / <i>three way, pressure compensated fixed flow regulator, with exceeding flow in pressure</i>	60	350 bar – 5100 psi
	FPVPF-90-C	Regolatore di flusso a tre vie compensato, con eccedenza in pressione / <i>three way, pressure compensated fixed flow regulator, with exceeding flow in pressure</i>	90	350 bar – 5100 psi

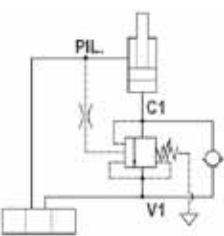
Divisori - riunificatori di flusso / Flow divider - combiner

Schema Idraulico <i>Hydraulic circuit</i>	Tipo <i>Type</i>	Caratteristiche Tecniche <i>Technical Features</i>	Q (L/min)	P max (BAR)
	FPDF	Cavità SAE / <i>SAE cavity</i>	1 – 150	350 bar – 5100 psi

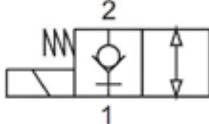
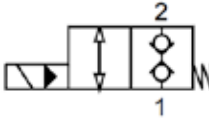
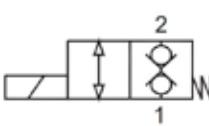
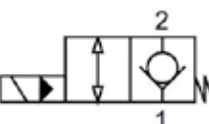
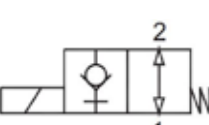
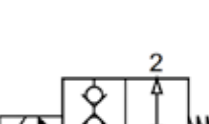

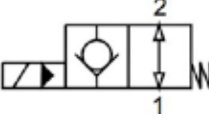
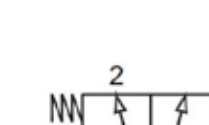
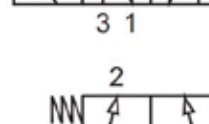
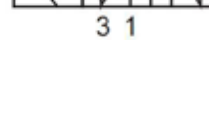

Valvole overcenter / Overcenter valves

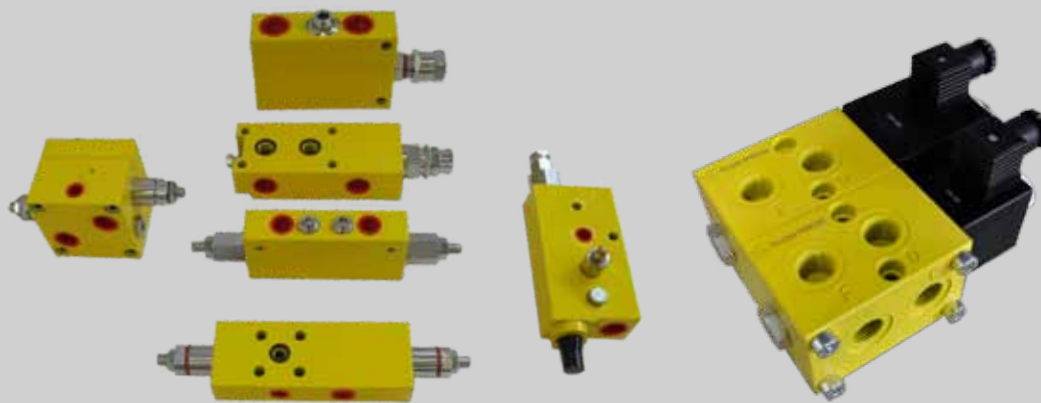
Schema Idraulico <i>Hydraulic circuit</i>	Tipo <i>Type</i>	Caratteristiche Tecniche <i>Technical Features</i>	Q (L/min)	P max (BAR)
	FPO-15-CM	Cavità metrica / <i>Metric cavity</i>	15	350 bar – 5100 psi
	FPO-25-CM	Cavità metrica / <i>Metric cavity</i>	25	350 bar – 5100 psi
	FPO-140-CM-35	Cavità metrica / <i>Metric cavity</i>	140	350 bar – 5100 psi
	FPOCP-140-CM-35	Con controbilanciamento, cavità metrica / <i>With counterbalance, Metric cavity</i>	140	350 bar – 5100 psi
	FPO-150-C	Cavità metrica / <i>Metric cavity</i>	150	350 bar – 5100 psi
	FPO-300-C	Cavità metrica / <i>Metric cavity</i>	300	350 bar – 5100 psi
	FPO-25-C	Cavità SAE 08 / <i>SAE 08 cavity</i>	25	350 bar – 5100 psi
	FPO-50-C	Cavità SAE 12 / <i>SAE 12 cavity</i>	50	350 bar – 5100 psi
	FPO-60-C	Cavità SAE 10 / <i>SAE 10 cavity</i>	60	350 bar – 5100 psi
	FPO-90-C	Cavità SAE 1 3/16"-12 unf / <i>SAE 1 3/16"-12 unf cavity</i>	90	350 bar – 5100 psi
	FPO-100-C	Cavità SAE 12 / <i>SAE 12 cavity</i>	100	350 bar – 5100 psi

Valvole overcenter bilanciate / Compensated overcenter valves

Schema Idraulico <i>Hydraulic circuit</i>	Tipo <i>Type</i>	Caratteristiche Tecniche <i>Technical Features</i>	Q (L/min)	P max (BAR)
	FPOFB-25-CM	Cavità metrica / <i>Metric cavity</i>	25	350 bar – 5100 psi
	FPOFB-150-C-35	Cavità metrica / <i>Metric cavity</i>	150	350 bar – 5100 psi
	FPOFB-300-C-35	Cavità metrica / <i>Metric cavity</i>	300	350 bar – 5100 psi
	FPOFB-25-C	Cavità SAE 08 / <i>SAE 08 cavity</i>	25	350 bar – 5100 psi
	FPOFB-60-C	Cavità SAE 10 / <i>SAE 10 cavity</i>	60	350 bar – 5100 psi
	FPOFB-100-C	Cavità SAE 12 / <i>SAE 12 cavity</i>	100	350 bar – 5100 psi

Valvole elettriche – Electric valves

Schema Idraulico Hydraulic circuit	Tipo Type	Caratteristiche Tecniche Technical Features	Q (L/min)	P max (BAR)
	FP-22-CS-S08-01	Valvola elettrica due vie, diretta, normalmente chiusa <i>/ two way, direct operated electric valve, normally closed</i>	2	250 bar – 3625 psi
	FP-22-PD-02/03	Valvola elettrica due vie, doppia tenuta, normalmente chiusa <i>/ two way, pilot operated electric valve, double lock poppet, normally closed</i>	1 – 140	350 bar - 5100 psi
	FP-22-PD-02/03	Valvola elettrica due vie, pilotata, doppia tenuta, normalmente chiusa, filettatura gas <i>/ two way, direct operated electric valve, double lock poppet, normally closed, bsp thread</i>	2 – 150	350 bar - 5100 psi
	FP-22-SD-S08-04	Valvola elettrica due vie, diretta, normalmente chiusa <i>/ two way, direct operated electric valve, normally closed</i>	15	310 bar – 4495 psi
	FP-22-CP-05/06/07/08	Valvola elettrica due vie, pilotata, normalmente chiusa <i>/ two way, pilot operated electric valve, normally closed</i>	0,5 – 140	350 bar - 5100 psi
	FP-22-CS-S08-11	Valvola elettrica due vie, diretta, normalmente aperta <i>/ two way, direct operated electric valve, normally open</i>	2	250 bar – 3625 psi
	FP-22-PD-12	Valvola elettrica due vie, pilotata, doppia tenuta, normalmente aperta <i>/ two way, pilot operated electric valve, double lock poppet, normally open</i>	1 – 140	350 bar - 5100 psi
	FP-22-PD-12	Valvola elettrica due vie, pilotata, normalmente aperta, filettatura gas <i>/ two way, pilot operated electric valve, normally open, bsp thread</i>	2 – 140	350 bar - 5100 psi
	FP-22-CP-15/16	Valvola elettrica due vie, pilotata, normalmente aperta <i>/ two way, pilot operated electric valve, normally open</i>	0,5 – 140	350 bar - 5100 psi
	FP-22-CP-15/16	Valvola elettrica due vie, pilotata, normalmente aperta, filettatura gas <i>/ two way, pilot operated electric valve, normally open, bsp thread</i>	2 – 150	350 bar - 5100 psi
	FP-32-SD-31/32	Valvola elettrica tre vie / due posizioni <i>/ three way / two positions electric valve</i>	12	210 bar – 3045 psi
				



VALVOLE IDRAULICHE CON BLOCCHETTO / PARTS IN BODY

Valvola di Massima Pressione / Pressure Relief Valves

Schema Idraulico <i>Hydraulic circuit</i>	Tipo <i>Type</i>	Caratteristiche Tecniche <i>Technical Features</i>	Q (L/min)	P max (BAR)
	FPM-D-CB	Azione Diretta / <i>Direct Acting</i>	05 – 80	350 bar – 5100 psi
	FPM-D-F-CB	Azione Diretta mont. Pannello / <i>Direct Acting panel mounted</i>	15 – 80	350 bar - 5100 psi
	FPMHP-D-CB	Azione Diretta pressioni elevate / <i>Direct Acting high pressure</i>	100	420 bar - 6090 psi
	FPMA-A-100-CB	Azione diretta area differenziale / <i>Direct Acting differential piston</i>	100	350 bar - 5100 psi
	FPM-P-150-CB	Pilotata / <i>Pilot operating</i>	150	350 bar - 5100 psi
	FPM-D-IL	Azione Diretta doppie incrociate / <i>Direct Acting dual cross</i>	40	350 bar - 5100 psi
	FPM-D-IL-AC	Azione Diretta doppie incrociate con anticavitazione / <i>Dual cross direct acting relief valves line mounted version, anti-cavitation</i>	40	250 bar – 3625 psi
	FPM-PEV-200	Elettropilotata / <i>Electric pilot operating</i>	200	400 – 5800 psi

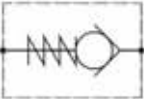
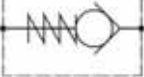
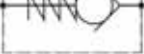

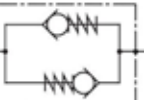
Valvola di sequenza / Sequence Valves

Schema Idraulico <i>Hydraulic circuit</i>	Tipo <i>Type</i>	Caratteristiche Tecniche <i>Technical Features</i>	Q (L/min)	P max (BAR)
	FPSQ-D-CB	Azione Diretta / <i>Direct Acting</i>	15 - 80	350 bar - 5100 psi
	FPSQL-D-3/8	Azione Diretta, taratura fissa, montaggio in linea / <i>Direct Acting, fixed setting, line mounting</i>	30	350 bar - 5100 psi
	FPSQR-L-D	Azione Diretta, taratura regolabile, montaggio in linea / <i>Direct Acting, adjustable setting, line mounting</i>	40 – 80	350 bar - 5100 psi
	FPSQB-D-30-CB	Azione Diretta, bilanciata / <i>Direct Acting, fully balanced</i>	40	350 bar - 5100 psi
	FPSQB-D-150-CB	Azione Diretta, bilanciata / <i>Direct Acting, fully balanced</i>	150	350 bar - 5100 psi
	FPSQRB-L-D	Azione Diretta, bilanciata, taratura regolabile, montaggio in linea / <i>Direct Acting, fully balanced, adjustable setting, line mounting</i>	40 -150	350 bar - 5100 psi

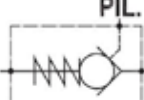
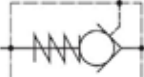
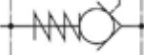

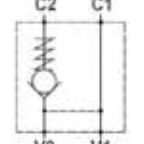
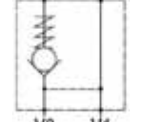
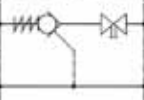

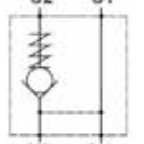
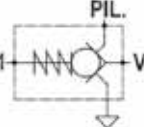
Valvole riduttrici di pressione / Pressure reducing valves

Schema Idraulico <i>Hydraulic circuit</i>	Tipo <i>Type</i>	Caratteristiche Tecniche <i>Technical Features</i>	Q (L/min)	P max (BAR)
	FPRP-D-30-CB	Azione Diretta, con relief / <i>Direct Acting with reverse relief</i>	30	350 bar - 5100 psi
	FPRPN-D-30-CB	Azione Diretta, con relief / <i>Direct Acting with reverse relief</i>	30	350 bar - 5100 psi
	FPRPU-D-30-CB-3/8	Azione Diretta, con relief e ritorno libero / <i>Direct Acting with reverse relief and free reverse flow</i>	30	350 bar - 5100 psi

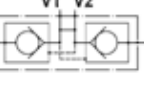
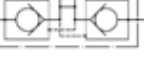
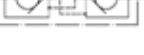
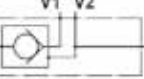
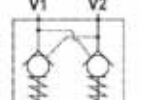
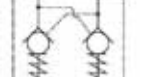

Valvole di ritegno unidirezionale / Check valves

Schema Idraulico <i>Hydraulic circuit</i>	Tipo <i>Type</i>	Caratteristiche Tecniche <i>Technical Features</i>	Q (L/min)	P max (BAR)
	FPR		12 – 310	350 bar - 5100 psi
	FPR-MF	Versione maschio - femmina / <i>male – female version</i>	12 – 310	350 bar - 5100 psi
	FPRI	Versione inserto / <i>Insert version</i>	15 – 80	350 bar - 5100 psi
	FPRI-S	Versione inserto, tenuta a sfera / <i>Insert ball version</i>	15 - 80	350 bar - 5100 psi
	FPRD	A ritegni contrapposti / <i>Bi-directional</i>	85	350 bar - 5100 psi

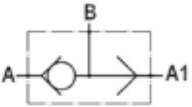
Valvole di blocco pilotate semplici / Single pilot operated check valves

Schema Idraulico <i>Hydraulic circuit</i>	Tipo <i>Type</i>	Caratteristiche Tecniche <i>Technical Features</i>	Q (L/min)	P max (BAR)
	FPS	Montaggio in linea / <i>Line mounted</i>	12 – 85	350 bar – 5100 psi
	FPS-C-40-B-3/8-SP-5FA	Montaggio con vite forata / <i>Drilled screw version</i>	40	250 bar – 3625 psi
	FPS-C-40-B-PR1-3/8	Montaggio con vite forata, rubinetto, versione destra / <i>Drilled screw version with manual shut-off, right version</i>	30	250 bar – 3625 psi
	FPS-C-40-B-PR2-3/8	Montaggio con vite forata, rubinetto, versione sinistra / <i>Drilled screw version with manual shut-off, left version</i>	30	250 bar – 3625 psi
	FPSLE-1/4-S	Montaggio in linea / <i>Line mounted</i>	20	350 bar – 5100 psi
	FPSL	Montaggio in linea / <i>Line mounted</i>	30 – 85	350 bar – 5100 psi
	FPS-LR1	Versione sinistra con rubinetto / <i>Left version with manual shut-off</i>	30	350 bar - 5100 psi
	FPS-LR2	Versione destra con rubinetto / <i>Right version with manual shut-off</i>	30	350 bar - 5100 psi
	FPS-F	Montaggio a flangia / <i>Gasket mounted</i>	30 – 85	350 bar - 5100 psi
	FPSFB-L	Bilanciata / <i>Fully balanced</i>	30 - 60	250 bar – 3625 psi

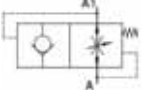
Valvole di blocco pilotate doppie / Dual pilot operated check valves

Schema Idraulico <i>Hydraulic circuit</i>	Tipo <i>Type</i>	Caratteristiche Tecniche <i>Technical Features</i>	Q (L/min)	P max (BAR)
	FPD	Montaggio in linea / <i>Line mounted</i>	12 – 85	350 bar - 5100 psi
	FPD-1RO-SR	Predisposta per un raccordo / <i>Prepared for one union</i>	12 – 20	250 bar – 3625 psi
	FPD-2RO-SR	Predisposta per due raccordi / <i>Prepared for two union</i>	12 – 20	250 bar – 3625 psi
	FPD-1R	Montaggio in linea / <i>Line mounted</i>	20	350 bar - 5100 psi
	FPD-LE-1/4-S	Montaggio in linea / <i>Line mounted</i>	20 – 85	350 bar - 5100 psi
	FPD-L	Montaggio in linea / <i>Line mounted</i>	30 – 85	350 bar - 5100 psi
	FPD-F	Montaggio a flangia / <i>Gasket mounted</i>	12 – 20	250 bar – 3625 psi

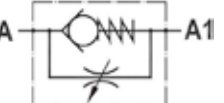
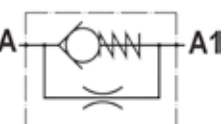
Valvole selettrici / Shuttle valves

Schema Idraulico <i>Hydraulic circuit</i>	Tipo <i>Type</i>	Caratteristiche Tecniche <i>Technical Features</i>	Q (L/min)	P max (BAR)
	FPT	Montaggio in linea / <i>Line mounted</i>	25 – 110	350 bar - 5100 psi
	FPTI	Cartuccia ad inserto / <i>Ball version</i>	10 – 40	350 bar - 5100 psi


Valvole di blocco per tubazioni / Hose break valves

Schema Idraulico <i>Hydraulic circuit</i>	Tipo <i>Type</i>	Caratteristiche Tecniche <i>Technical Features</i>	Q (L/min)	P max (BAR)
	FPP		8 – 20	350 bar - 5100 psi

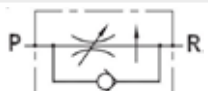
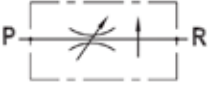
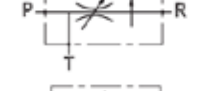
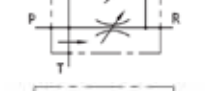
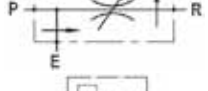
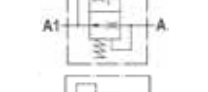
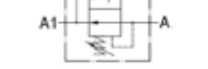

Valvole regolatrici di flusso unidirezionali / Restrictor Valves

Schema Idraulico <i>Hydraulic circuit</i>	Tipo <i>Type</i>	Caratteristiche Tecniche <i>Technical Features</i>	Q (L/min)	P max (BAR)
	FPU		12 – 85	300 bar – 4350 psi
	FPSU			
	FPMU	Tipo a manicotto / <i>Barrel type</i>	12 – 150	350 bar - 5100 psi
	FPRU-F	Valvola di strozzamento unidirezionale fissa / <i>Fixed setting throttle check valve</i>	12 – 310	350 bar - 5100 psi
	FPRU-MF	Valvola di strozzamento unidirezionale fissa, versione maschio-femmina / <i>Fixed setting throttle check valve, male-female version</i>	12 – 310	350 bar - 5100 psi

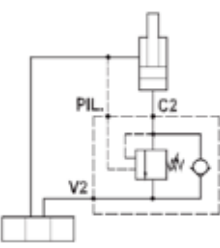
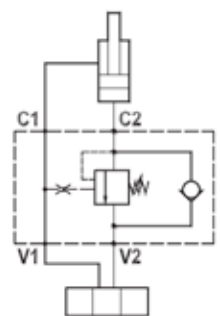
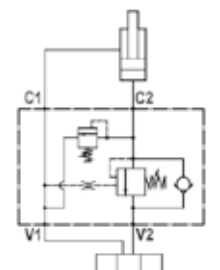
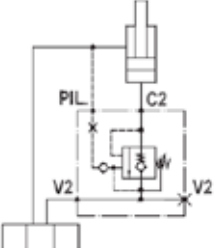
Valvole regolatrici di flusso bidirezionali / Needle Valves

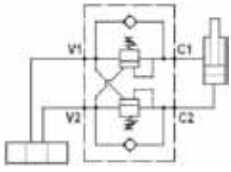
Schema Idraulico <i>Hydraulic circuit</i>	Tipo <i>Type</i>	Caratteristiche Tecniche <i>Technical Features</i>	Q (L/min)	P max (BAR)
	FPB		12 – 85	300 bar – 4350 psi
	FPSB		12 – 25	300 bar – 4350 psi
	FPMB	Tipo a manicotto / <i>Barrel type</i>	12 – 150	350 bar - 5100 psi

Valvole regolatrici di flusso compensate / Compensated flow control valves

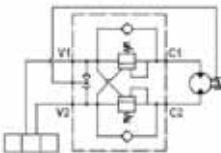
Schema Idraulico <i>Hydraulic circuit</i>	Tipo <i>Type</i>	Caratteristiche Tecniche <i>Technical Features</i>	Q (L/min)	P max (BAR)
	FPCU		10 – 18	250 bar – 3625 psi
	FPRUC	Regolatore di flusso compensato, con ritorno libero / <i>In line pressure compensated flow regulator, with free reverse flow</i>	30 – 90	350 bar - 5100 psi
	FPRBC	Regolatore di flusso a due vie compensato in linea / <i>In line pressure compensated two-way flow regulator</i>	30 – 90	350 bar - 5100 psi
	FPRF	Regolatore di flusso a tre vie compensato, con eccedenza a scarico / <i>In line three way pressure compensated flow regulator, with exceeding flow to tank</i>	50 – 240	350 bar - 5100 psi
	FPRFU	Regolatore di flusso a tre vie compensato, con eccedenza a scarico e ritorno libero / <i>In line three way pressure compensated flow regulator, free reverse flow, with exceeding flow to tank</i>	50 – 150	350 bar - 5100 psi
	FPVP	Regolatore di flusso a tre vie compensato, con eccedenza in pressione / <i>In line three way pressure compensated flow regulator, with exceeding flow in pressure</i>	50 – 150	350 bar - 5100 psi
	VSC	Valvola controllo discesa compensata / <i>Pressure compensated flow restricting valve</i>	1 – 47	300 bar – 4350 psi
	VSC-G	Valvola controllo discesa compensata / <i>Pressure compensated flow restricting valve</i>	1 – 10	250 bar – 3625 psi
	VSCR	Valvola controllo discesa compensata regolabile / <i>Adjustable pressure compensated flow restricting valve</i>	1 – 150	300 bar – 4350 psi

Valvole overcenter / Overcenter valves

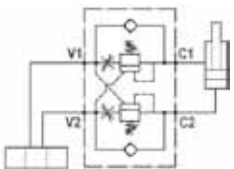
Schema Idraulico <i>Hydraulic circuit</i>	Tipo <i>Type</i>	Caratteristiche Tecniche <i>Technical Features</i>	Q (L/min)	P max (BAR)
	FPO-35-SS-1/4-L	Montaggio in linea / <i>Line mounted</i>	35	350 bar - 5100 psi
	FPO-35-S-1/4-L	Montaggio in linea / <i>Line mounted</i>	35	350 bar - 5100 psi
	FPO-50-S-L	Montaggio in linea / <i>Line mounted</i>	50	350 bar - 5100 psi
	FPO-50-SX-L	Corpo in alluminio / <i>Aluminium body</i>	50	250 bar - 3625 psi
	FPO-35-S-1/4-1F-P-M	Montaggio a flangia / <i>Gasket mounted</i>	35	350 bar - 5100 psi
	FPO-50-S-1F	Montaggio a flangia / <i>Gasket mounted</i>	50	350 bar - 5100 psi
	FPO-50-S-1/2-1F-SAE	Montaggio a flangia, SAE 6000 / <i>Gasket mounted, SAE 6000</i>	50	350 bar - 5100 psi
	FPO-50-S-3/8-V-L-M	Montaggio con vite forata, attacco manometro / <i>Drilled screw version, pressure gauge port</i>	50	350 bar - 5100 psi
	FPO-35-S-1/4-L-P	Pilotaggio interno / <i>Internal pilot</i>	35	350 bar - 5100 psi
	FPO-50-S-L-P	Pilotaggio interno / <i>Internal pilot</i>	50	350 bar - 5100 psi
	FPO-50-SX-L-P	Pilotaggio interno, corpo in alluminio / <i>Internal pilot, aluminium body</i>	50	250 bar - 3625 psi
	FPOE-70-S-1/2-L-P-A	Pilotaggio interno serie E / <i>Internal pilot, E series</i>	70	350 bar - 5100 psi
	FPO-90-S-3/4-L-P	Pilotaggio interno / <i>Internal pilot</i>	90	350 bar - 5100 psi
	FPOE-120-S-3/4-L-P-A	Pilotaggio interno serie E / <i>Internal pilot, E series</i>	120	350 bar - 5100 psi
	FPO-50-S-1F-P-M	Montaggio con C2 flangiata, V1-C1 contrapposte, attacco manometro / <i>Gasket mounted: C2 flanged, V1-C1 through ported, pressure gauge port</i>	50	350 bar - 5100 psi
	FPO-50-S-2F-P-M	Montaggio con C1-C2 flangiate, attacco manometro / <i>Gasket mounted C1-C2 flanged, pressure gauge port</i>	50	350 bar - 5100 psi
FPO-35-S-1/4-2F-P-M	Montaggio a flangia su C1-C2, attacco manometro / <i>Gasket mounted on C1-C2, gauge port</i>	35	350 bar - 5100 psi	
	FPO-50-S-L-P-VM	Pilotaggio interno, con valvola di regolazione pressione sulla linea V2-C2 / <i>Internal pilot with auxiliary relief valve on V2-C2 line</i>	50	350 bar - 5100 psi
	FPO-50-3-3/8-1F-BP	Montaggio a flangia, pilotaggio a trafileamento / <i>Gasket mounted, bleeding pilot</i>	50	350 bar - 5100 psi



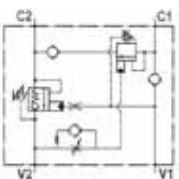
FPO-35-D-1/4-L	Valvola overcenter doppia / <i>Dual overcenter valve</i>	35	350 bar - 5100 psi
FPOE-40-D-3/8-L-A	Valvola overcenter doppia, E series / <i>Dual overcenter valve, E series</i>	40	350 bar - 5100 psi
FPO-50-D-L	Valvola overcenter doppia / <i>Dual overcenter valve</i>	50	350 bar - 5100 psi
FPO-35-DD-1/4-L	Valvola overcenter doppia / <i>Dual overcenter valve</i>	35	350 bar - 5100 psi
FPO-50-DX-L	Valvola overcenter doppia, corpo in alluminio / <i>Dual overcenter valve, aluminium body</i>	50	350 bar - 5100 psi
FPOE-70-D-1/2-L-A	Valvola overcenter doppia, serie E / <i>Dual overcenter valve, E series</i>	70	350 bar - 5100 psi
FPO-90-D-3/4-L	Valvola overcenter doppia, pilotaggio interno / <i>Dual overcenter valve, internal pilot</i>	90	350 bar - 5100 psi
FPOE-120-D-3/4-L-A	Valvola overcenter doppia, serie E / <i>Dual overcenter valve, E series</i>	120	350 bar - 5100 psi
FPO-150-DD-3/4-L	Valvola overcenter doppia / <i>Dual overcenter valve</i>	150	350 bar - 5100 psi
FPO-50-D-3/8-1F-M	Valvola overcenter doppia, montaggio a flangia singolo, attacco manometro / <i>Dual overcenter valve, single gasket mounted, pressure gauge port</i>	50	350 bar - 5100 psi
FPO-35-D-1/4-2F	Valvola overcenter doppia, montaggio a flangia / <i>Dual overcenter valve, gasket mounted</i>	35	350 bar - 5100 psi
FPOE-40-D-3/8-2F-A	Valvola overcenter doppia, montaggio a flangia, serie E / <i>Dual overcenter valve, gasket mounted, E series</i>	40	350 bar - 5100 psi
FPO-50-D-2F	Valvola overcenter doppia, montaggio a flangia / <i>Dual overcenter valve, gasket mounted</i>	50	350 bar - 5100 psi
FPO-50-DX-2F	Valvola overcenter doppia, montaggio a flangia, corpo in alluminio / <i>Dual overcenter valve, gasket mounted, aluminium body</i>	50	350 bar - 5100 psi



FPO-50-D-L-U	Valvola overcenter doppia, con sblocco freno / <i>Dual overcenter valve with brake release port</i>	50	350 bar - 5100 psi
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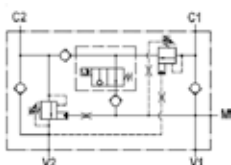


FPOA-50-D-L	Valvola overcenter doppia, portata regolabile / <i>Dual overcenter valve, adjustable flow</i>	50	350 bar - 5100 psi
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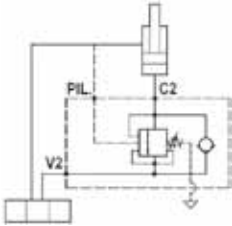

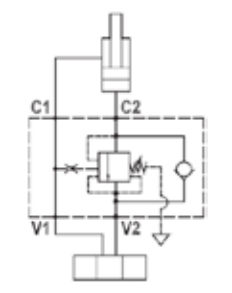
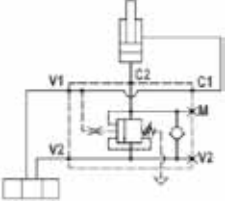

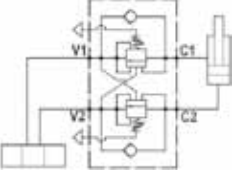
FPOR-35-D-3/8-L	Valvola overcenter doppia, per circuito rigenerativo / <i>Dual overcenter valve, for regenerative circuits</i>	40	350 bar - 5100 psi
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FPOR-60-D-1/2-L	Valvola overcenter doppia, per circuito rigenerativo / <i>Dual overcenter valve, for regenerative circuits</i>	60	430 bar - 6235 psi
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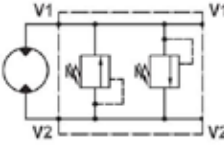
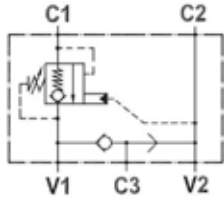
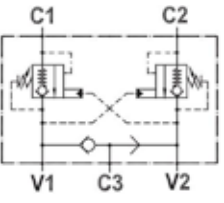
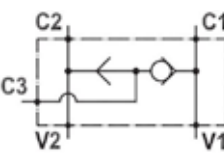
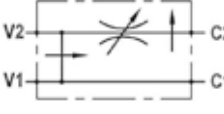


FPOR-150-D-3/4-L-M	Valvola overcenter doppia, per circuito rigenerativo, con valvola elettrica opzionale / <i>Dual overcenter valve, for regenerative circuits, with optional electric valve</i>	150	350 bar - 5100 psi
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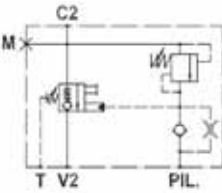
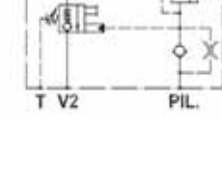
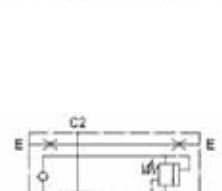
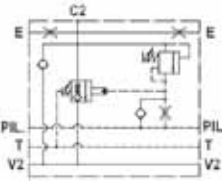
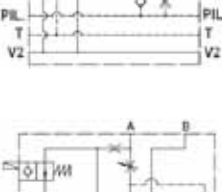
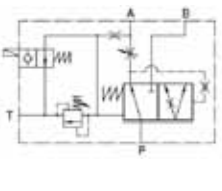
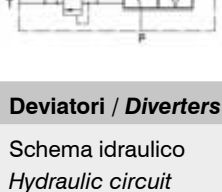
Valvole overcenter bilanciate / Compensated overcenter valves

Schema idraulico <i>Hydraulic circuit</i>	Tipo <i>Type</i>	Caratteristiche tecniche <i>Technical Features</i>	Q (L/min)	P max (BAR)	
	FPOFB-35-S-1/4-L	Montaggio in linea / <i>Line mounted</i>	35	350 bar - 5100 psi	
	FPOB-50-S-L	Parzialmente bilanciata / <i>Partially balanced</i>	50	350 bar - 5100 psi	
	FPOB-50-S-1F	Parzialmente bilanciata, montaggio a flangia / <i>Partially balanced, gasket mounted</i>	50	350 bar - 5100 psi	
	FPOB-50-S-1/2-1F-SAE	Parzialmente bilanciata, montaggio a flangia, SAE 6000 / <i>Partially balanced</i>	50	350 bar - 5100 psi	
	FPOB-50-S-2F-P-M	Parzialmente bilanciata, montaggio con C1-C2 flangiate, attacco manometro / <i>Partially balanced, gasket mounted: C1-C2 flanged, pressure gauge port</i>	50	350 bar - 5100 psi	
		FPOB-35-S-1/4-L-P	Pilotaggio interno / <i>Internal pilot</i>	35	350 bar - 5100 psi
		FPOFB-35-S-1/4-L-P	Pilotaggio interno / <i>Internal pilot</i>	35	350 bar - 5100 psi
		FPOB-50-S-L-P	Pilotaggio interno / <i>Internal pilot</i>	50	350 bar - 5100 psi
		FPOFB-50-S-L-P	Pilotaggio interno / <i>Internal pilot</i>	50	350 bar - 5100 psi
		FPOEB-70-S-1/2-L-P-A	Pilotaggio interno, serie E / <i>Internal pilot, E series</i>	70	350 bar - 5100 psi
		FPOB-90-S-3/4-L-P-35	Pilotaggio interno / <i>Internal pilot</i>	90	350 bar - 5100 psi
FPOEB-120-S-3/4-L-P-A		Pilotaggio interno, serie E / <i>Internal pilot, E series</i>	120	350 bar - 5100 psi	
	FPOFB-150-S-L-P-M	Pilotaggio interno, attacco manometro e pilotaggio regolabile / <i>Internal and adjustable pilot, pressure gauge port</i>	150	350 bar - 5100 psi	
		FPOB-50-S-1F-P-M	Parzialmente bilanciata, montaggio con C2 flangiata, V1-C1 contrapposte e attacco manometro / <i>Partially balanced, gasket mounted, C2 flanged, V1-C1 through ported, gauge port</i>	50	350 bar - 5100 psi
		FPOFB-150-S-1F-P-M	Parzialmente bilanciata, montaggio con C2 flangiata, V1-C1 contrapposte e attacco manometro / <i>Partially balanced, gasket mounted, C2 flanged, V1-C1 through ported, gauge port</i>	150	350 bar - 5100 psi
		FPOFB-150-S-1/2-2F-P	Parzialmente bilanciata, montaggio con C1-C2 flangiate, pilotaggio interno e regolabile / <i>Partially balanced, gasket mounted: C1-C2 flanged, internal and adjustable pilot</i>	150	350 bar - 5100 psi
	FPOFB-35-D-1/4-L	Valvola overcenter doppia bilanciata / <i>Fully balanced dual overcenter valve</i>	35	350 bar - 5100 psi	
	FPOFB-35-DD-1/4-L	Valvola overcenter doppia bilanciata / <i>Fully balanced dual overcenter valve</i>	35	350 bar - 5100 psi	
	FPOB-50-D-L	Valvola overcenter doppia parzialmente bilanciata / <i>Partially balanced dual overcenter valve</i>	50	350 bar - 5100 psi	
	FPOEB-70-D-1/2-L-A	Valvola overcenter doppia parzialmente bilanciata, serie E / <i>Partially balanced dual overcenter valve, E series</i>	70	350 bar - 5100 psi	
	FPOB-90-D-3/4-L-35	Valvola overcenter doppia parzialmente bilanciata, pilotaggio interno / <i>Partially balanced dual overcenter valve, internal pilot</i>	90	350 bar - 5100 psi	
	FPOEB-120-D-3/4-L-A	Valvola overcenter doppia parzialmente bilanciata, serie E / <i>Partially balanced dual overcenter valve, E series</i>	120	350 bar - 5100 psi	
	FPOFB-150-DD-3/4-L-35	Valvola overcenter doppia bilanciata / <i>Fully balanced dual overcenter valve</i>	150	350 bar - 5100 psi	
	FPOB-50-D-2F	Valvola overcenter doppia parzialmente bilanciata, montaggio a flangia / <i>Partially balanced dual overcenter valve, gasket mounted</i>	50	350 bar - 5100 psi	
	FPOFB-150-DD-3/4-2F	Valvola overcenter doppia bilanciata / <i>Fully balanced dual overcenter valve</i>	150	350 bar - 5100 psi	

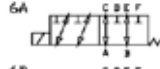
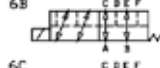
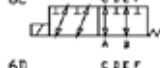
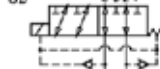
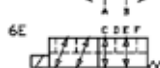
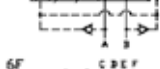
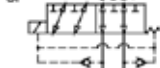
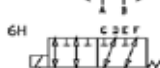
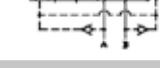
Valvole per motori idraulici / Valves flangeable on hydraulic motors

Schema Idraulico <i>Hydraulic circuit</i>	Tipo <i>Type</i>	Caratteristiche Tecniche <i>Technical Features</i>	Q (L/min)	P max (BAR)
	FPM-D-15-DV-D1-3/8	Valvola di massima doppia incrociata, flangiabile su motori Danfoss serie "OMM" / <i>Dual cross main pressure relief valve, flangeable on Danfoss motors "OMM" series</i>	15	350 bar - 5100 psi
	FPM-D-40-DV	Valvola di massima doppia incrociata, flangiabile / <i>Dual cross main pressure relief valve, flangeable</i>	50	350 bar - 5100 psi
	FPM-D-40-DF-D2-1/2	Valvola di massima doppia incrociata, flangiabile su motori Danfoss serie "OMP/R/H" / <i>Dual cross main pressure relief valve, flangeable on Danfoss motors "OMP/R/H" series</i>	40	350 bar - 5100 psi
	FPO-60-SV-D2-(D3)-U	Valvola overcenter singola, flangiabile su motori Danfoss serie "OMP/R/H-OMS", con sblocco freno / <i>Single overcenter valve, flangeable on Danfoss motors "OMP/R/H-OMS" series, brake release port</i>	60	350 bar - 5100 psi
	FPO-60-SV-O1-1/2-U	Valvola overcenter singola, flangiabile su motori Oil-drive serie "MGL/MGT", con sblocco freno / <i>Single overcenter valve, flangeable on Oil-drive motors "MGL/MGT" series, brake release port</i>	60	350 bar - 5100 psi
	FPO-50-SF-D2-1/2-U	Valvola overcenter singola, flangiabile su motori Danfoss serie "OMP/R/H", con sblocco freno / <i>Single overcenter valve, flangeable on Danfoss motors "OMP/R/H" series, brake release port</i>	50	350 bar - 5100 psi
	FPO-150-SF-R1-3/4-U-S	Valvola overcenter singola, flangiabile su Rexroth serie "A2FE 45-56-63", con sblocco freno / <i>Single overcenter valve, flangeable on Rexroth motors "A2FE 45-56-63" series, brake release port</i>	150	350 bar - 5100 psi
	FPO-50-DV	Valvola overcenter doppia incrociata, flangiabile con sblocco freno e valvola antiurto opzionale / <i>Dual overcenter valve, flangeable, brake release port, optional anti-shock valve</i>	50	350 bar - 5100 psi
	FPO-60-DV	Valvola overcenter doppia incrociata, flangiabile, con sblocco freno e valvola antiurto opzionale / <i>Dual overcenter valve, flangeable, brake release port, optional anti-shock valve</i>	60	350 bar - 5100 psi
	FPO-50-DF-D2-1/2-U	Valvola overcenter doppia, flangiabile su motori Danfoss serie "OMP/R/H" con sblocco freno / <i>Dual overcenter valve, flangeable on Danfoss motors "OMP/R/H" series, brake release port</i>	50	350 bar - 5100 psi
	FPT-DV-S1-1/2	Valvola selettiva, flangiabile su motori Samhydraulik serie "AG/BG/AR/BR/ARSR/MB" / <i>Shuttle valve, flangeable on Samhydraulik motors "AG/BG/AR/BR/ARSR/MB" series</i>	60	250 bar - 3625 psi
	FPT-DF	Valvola selettiva, flangiabile su motori Danfoss serie "OMP/OMR/OMH" e "OMS" / <i>Shuttle valve, flangeable on Danfoss motors "OMP/OMR/OMH" and "OMS" series</i>	60	250 bar - 3625 psi
	FPRF-50-DV-E6	Regolatore di flusso a 3 vie compensato, con eccedenza a scarico, flangiabile su motori Char-Lynn 2000 / <i>Three way, pressure compensated flow regulator, with exceeding flow to tank, flangeable on Char-Lynn 2000 motors</i>	50	250 bar - 3625 psi
	FPRF-90-DV	Regolatore di flusso a 3 vie compensato, con eccedenza a scarico, flangiabile / <i>Three way, pressure compensated flow regulator, with exceeding flow to tank, flangeable</i>	90	250 bar - 3625 psi
	FPRF-90-DF-D4	Regolatore di flusso a 3 vie compensato, con eccedenza a scarico, flangiabile su motori Danfoss "OMT" / <i>Three way, pressure compensated flow regulator, with exceeding flow to tank, flangeable on Danfoss "OMT"</i>	90	250 bar - 3625 psi


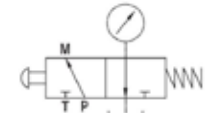
Valvole per escavatori idraulici / Hydraulic excavator valves

Schema idraulico <i>Hydraulic circuit</i>	Tipo <i>Type</i>	Caratteristiche tecniche <i>Technical Features</i>	Q (L/min)	P max (BAR)
	FPEXC-35-S-3/8-L-DX/SX	Valvola di blocco e controllo portata per bracci, montaggio in linea, versione destra / sinistra / <i>Flow check and metering valve for booms, line mounted, right / left version</i>	35	420 bar - 6090 psi
	FPEXC-90-S-1/2-L-DX/SX	Valvola di blocco e controllo portata per bracci, montaggio in linea, versione destra / sinistra / <i>Flow check and metering valve for booms, line mounted, right / left version</i>	100	420 bar - 6090 psi
	FPEXC-150-S-3/4-L-DX/SX	Valvola di blocco e controllo portata per bracci, montaggio in linea, versione destra / sinistra / <i>Flow check and metering valve for booms, line mounted, right / left version</i>	150	420 bar - 6090 psi
	FPEXC-250-S-3/4-1F-SAE	Valvola di blocco e controllo portata per bracci, montaggio a flangia / <i>Flow check and metering valve for booms, gasket mounted</i>	250	420 bar - 6090 psi
	FPEXC-400-S-1-1F-SAE	Valvola di blocco e controllo portata per bracci, montaggio a flangia / <i>Flow check and metering valve for booms, gasket mounted</i>	400	420 bar - 6090 psi
	FPEXC-500-S-1 1/4-1F-SAE	Valvola di blocco e controllo portata per bracci, montaggio a flangia / <i>Flow check and metering valve for booms, gasket mounted</i>	500	420 bar - 6090 psi
	FPEXCH-EV-3/4-S	Valvola per azionamento martelli demolitori/ <i>Hammer control valves</i>	200	350 bar - 5100 psi

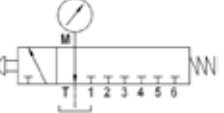

Deviatori / Diverters

Schema idraulico <i>Hydraulic circuit</i>	Tipo <i>Type</i>	Caratteristiche tecniche <i>Technical Features</i>	Q (L/min)	P max (BAR)
	FP-D1-6-E-G-6	Deviatori elettrici sei vie / <i>six way flow electric diverters</i>	50 - 60	310 bar - 4495 psi
				
	FP-D2-6-E-G-6	Deviatori elettrici sei vie / <i>six way flow electric diverters</i>	80	310 bar - 4495 psi
				
	FP-D3-6-E-G-6	Deviatori elettrici sei vie / <i>six way flow electric diverters</i>	50 - 60	310 bar - 4495 psi
				
	FP-D5-6-E-G-6	Deviatori elettrici sei vie flangiabili / <i>six way bankable flow electric diverters</i>	50 - 60	310 bar - 4495 psi
				
	FP-D6-6-E-G-6	Deviatori elettrici sei vie flangiabili / <i>six way bankable flow electric diverters</i>	80	310 bar - 4495 psi

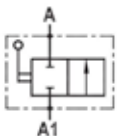
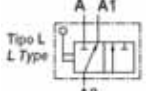
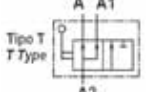
Esclusori per manometro / Shut off pressure gauge valve

Schema idraulico <i>Hydraulic circuit</i>	Tipo <i>Type</i>	Caratteristiche tecniche <i>Technical Features</i>	Q (L/min)	P max (BAR)
	FPE/A-1/4-B			400 bar - 5800 psi
	FPEP-1/4	Montaggio a pannello / <i>panel mounting</i>		350 bar - 5100 psi

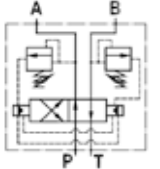
Selettori per manometro / Pressure-gauge selector

Schema idraulico <i>Hydraulic circuit</i>	Tipo <i>Type</i>	Caratteristiche tecniche <i>Technical Features</i>	Q (L/min)	P max (BAR)
	FPESM-6P	Sei vie / Six way		315 bar – 4567 psi
	FPCG-1/4	Connettori per manometro / Pressure gauge connectors		350 bar - 5100 psi

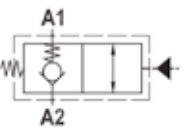
Valvole a sfera / Ball valve

Schema idraulico <i>Hydraulic circuit</i>	Tipo <i>Type</i>	Caratteristiche tecniche <i>Technical Features</i>	Q (L/min)	P max (BAR)
	FP-GE2	Due vie / Two way		500 bar – 7250 psi
	FP-GE3	Tre vie / Three way		400 bar – 5800 psi
				

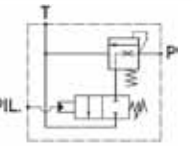
Invertitore automatico / Automatic inverter

Schema idraulico <i>Hydraulic circuit</i>	Tipo <i>Type</i>	Caratteristiche tecniche <i>Technical Features</i>	Q (L/min)	P max (BAR)
	FPIA-L6-VM	Aumento di pressione, flangiato CETOP 3 <i>/ Pressure increase control, flanged CETOP 3</i>	3 – 35	350 bar - 5100 psi
	FPIA-L10-VM	Aumento di pressione, flangiato CETOP 5 <i>/ Pressure increase control, flanged CETOP 5</i>	3 – 80	350 bar - 5100 psi

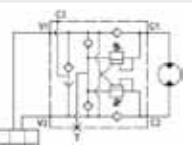
Valvole di fine corsa / End run valves

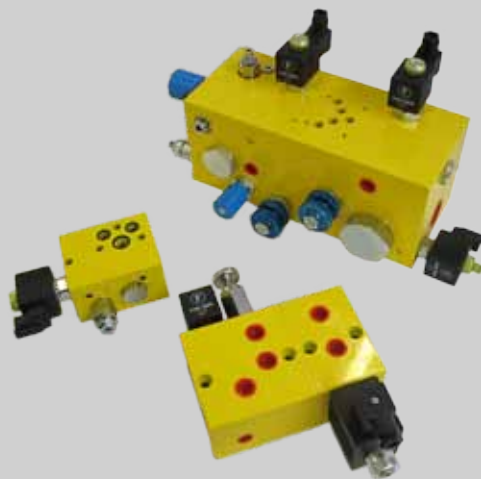
Schema idraulico <i>Hydraulic circuit</i>	Tipo <i>Type</i>	Caratteristiche tecniche <i>Technical Features</i>	Q (L/min)	P max (BAR)
	FPFC		45	250 bar – 3625 psi

Valvola di messa a scarico, idropilotata / Pilot operated unloading valve

Schema idraulico <i>Hydraulic circuit</i>	Tipo <i>Type</i>	Caratteristiche tecniche <i>Technical Features</i>	Q (L/min)	P max (BAR)
	FPMS-P		150	300 bar – 4350 psi

Valvola controllo rotazione con sblocco freno, montaggio in linea / Motion control valve, with brake release port, line mounted

Schema idraulico <i>Hydraulic circuit</i>	Tipo <i>Type</i>	Caratteristiche tecniche <i>Technical Features</i>	Q (L/min)	P max (BAR)
	FPVCR-120-D-3/4		120	350 bar - 5100 psi



BLOCCHI INTEGRATI (HICs) / HYDRAULIC INTEGRATED CIRCUITS

La nostra missione è fornire SOLUZIONI integrate per la movimentazione studiate e realizzate per soddisfare le esigenze dei nostri clienti.

Tutto questo è possibile grazie ai Circuiti integrati (Hydraulic Integrated Circuits or HICs) che possono essere utilizzati in diverse applicazioni, sia fisse che mobili.

L'utilizzo dei blocchi integrati, sia in acciaio che in alluminio, garantiscono flessibilità, compattezza e affidabilità. In un singolo blocco è possibile combinare più funzioni attraverso l'utilizzo di cartucce.

I blocchi permettono anche di semplificare il montaggio delle tubazioni e ridurre il numero di connessioni idrauliche in modo da ridurre al minimo eventuali punti di trafilamento.

Our mission is to provide integrated SOLUTIONS to meet our Customers needs.

This is possible thanks to Integrated Circuits (Hydraulic Integrated Circuits or HICs) that can be used in various applications, both in the industrial and the mobile fields.

Hydraulic manifolds, either steel or aluminium body, are flexible, compact and reliable. Multiple control functions can be combined into a single manifold with the use of multi-function cartridge valves.

The manifold use allows to simplify hose routing and reduces the number of hydraulic connections in order to minimize the leakage points.

ATTUATORI ELETTROMECCANICI / ELECTROMAGNETIC ACTUATORS

Elenco cannotti / Electromagnetic tube

Tipo Type	Caratteristiche tecniche Technical Features
TTK	In tiro on-off / Pull
TSK	In spinta on-off / Push
TTX	In tiro proporzionale / Pull and proportional
TSX	In spinta proporzionale / Push and proportional

Tipi emergenza / Emergency types

Tipo Type	Caratteristiche tecniche Technical Features
E4	A vite / Screwed
E7	In spinta / Push button
E8	Spingi e gira / Push and twist

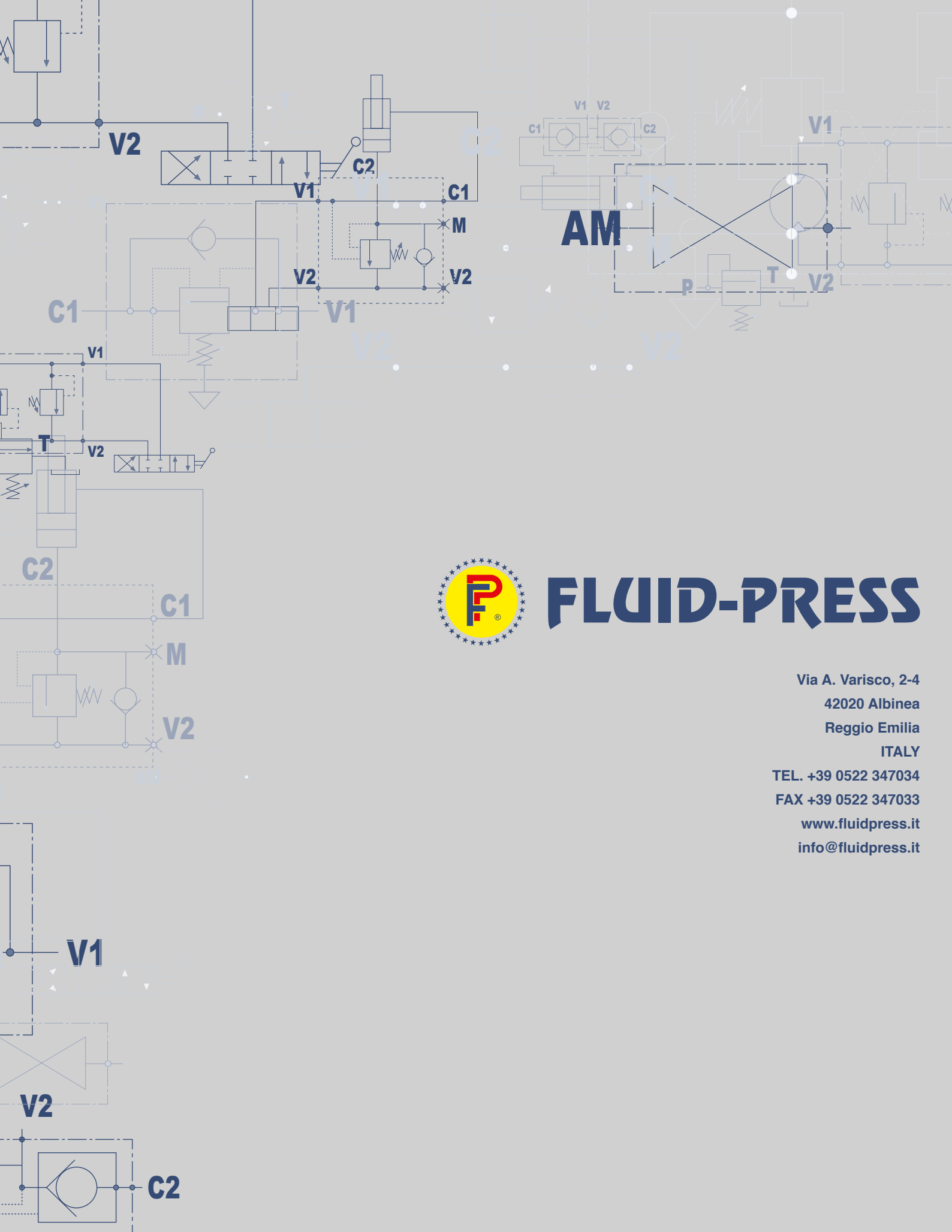
Passione infinita...

Passion never ends...

vi siamo vicini, ovunque voi siate

We are next to you, wherever you are





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