

F indynamica

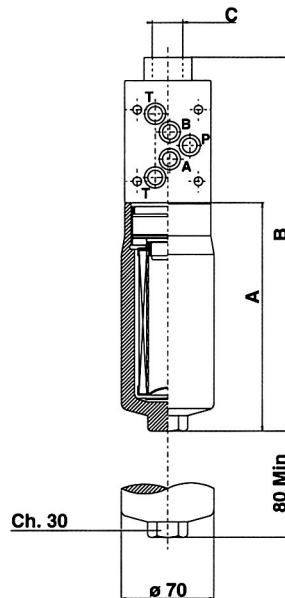
drive and control products



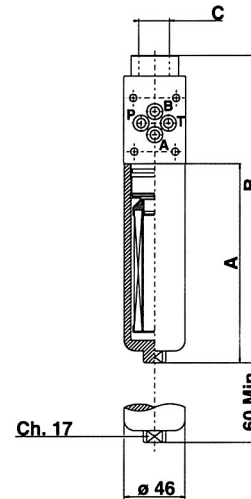
SERIE **HPB - 315 BAR** SERIES

Filtri alta pressione
High pressure filters

TESTINA CON ATTACCO CETOP 05 HEAD WITH CONNECTION CETOP 05

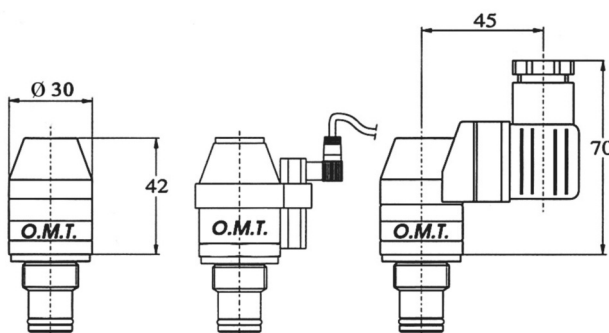


TESTINA CON ATTACCO CETOP 03 HEAD WITH CONNECTION CETOP 03



Codice Code	Attacco Connection	A	B	C
HPB 061	CETOP 03	150	231,5	M20x1.5 1/2" BSP
HPB 282	CETOP 05	172	281,5	
HPB 283	CETOP 05	272	381,5	

INDICATORI DI INTASAMENTO / DIFFERENTIAL INDICATORS



DV500M / DV500
Indicatore visivo
elettrico
Electrical visual
indicator

DR500M / DR500
Indicatore visivo
con contatti "Reed"
Visual indicator
with "Reed" contacts

DE500M / DE500
Indicatore visivo
Visual indicator

Contatti in scambio con i seguenti valori
Exchange contacts with the followings values:

Tensione di aliment. Voltage supply (V)	Carico resistivo Resistive charge (A)	Carico induttivo Inductive charge (A)
C.A. 125	5	5
C.A. 250	5	5
C.C. 15	10	10
C.C. 30	5	5
C.C. 50	1	1
C.C. 125	0.5	0.06

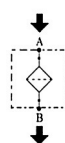
Gli indicatori visivi sono disponibili:

- con filettatura M20x1.5 (DV...M) e filettatura 1/2" BSP (DV...)
- con contatti ad ampolla "Reed" (DR500M e DR500)

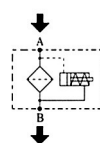
Visual indicators are available:

- with threads M20x1.5 (DV...M) and threads 1/2" BSP (DV...)
- with "Reed" contacts (DR500M and DR500)

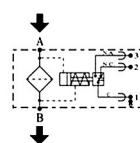
SIMBOLOGIA / SIMBOLS



HPB

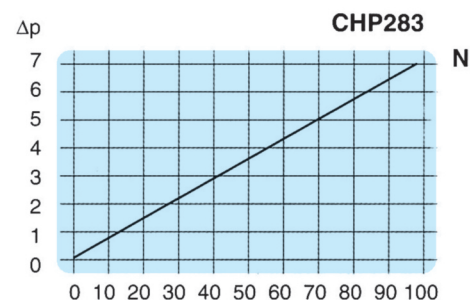
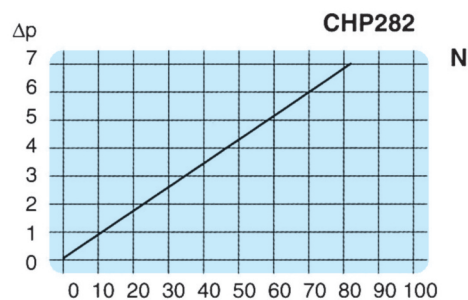
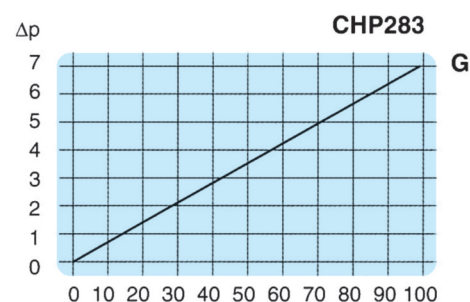
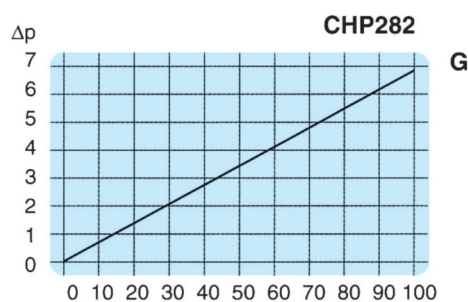
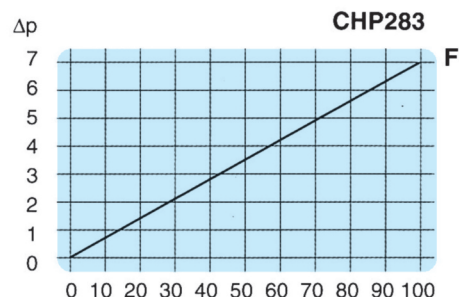
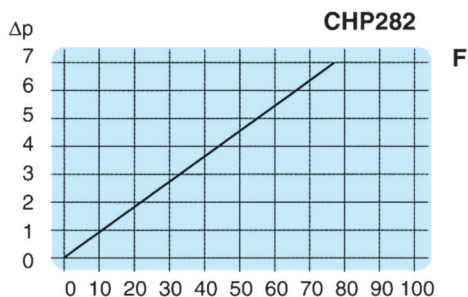


**DV500
HPB + DV500M**

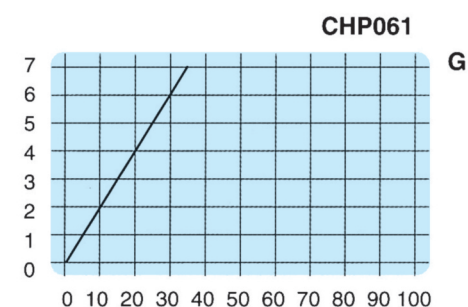
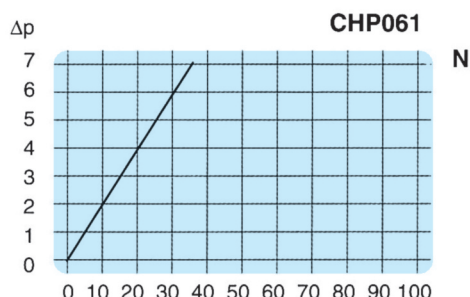
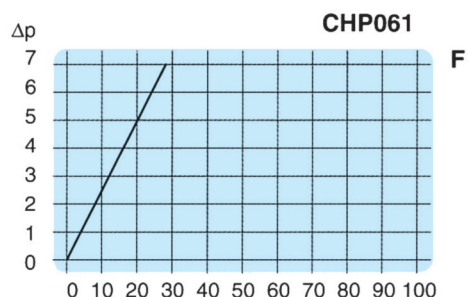


**DE500
HPB + DE500M**

CADUTA DI PRESSIONE ELEMENTI FILTRANTI SERIE X (bassa pressione differenziale) e Y (alta pressione differenziale) FILTER ELEMENT PRESSURE DROP (low differential pressure and high differential pressure)



CADUTA DI PRESSIONE ELEMENTI FILTRANTI SERIE Y (alta pressione differenziale) FILTER ELEMENT PRESSURE DROP (high differential pressure)

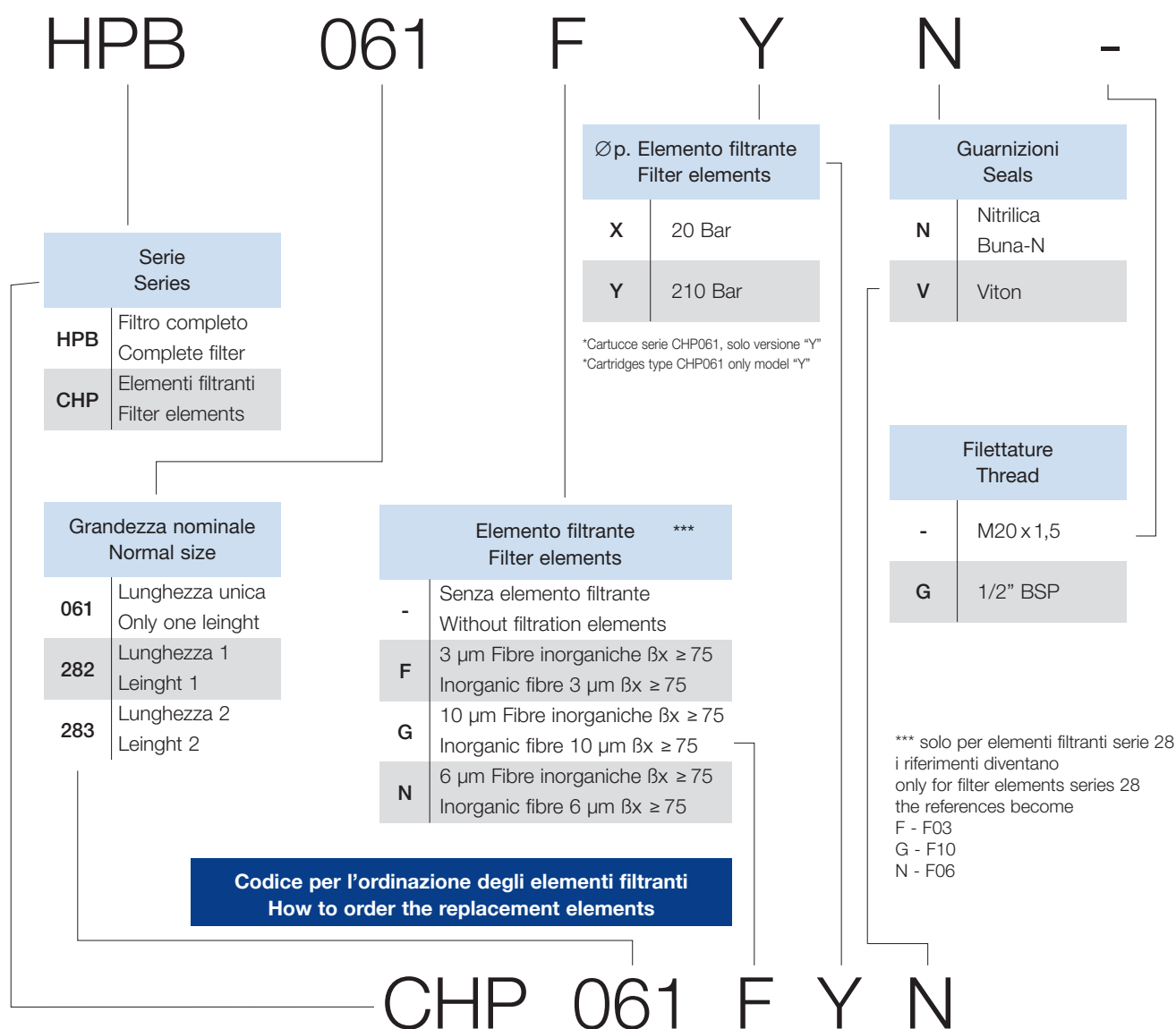


Le curve sono valide per olio minerale avente viscosità cinematica 30 cSt e massa volumetrica 860 kg/m³. La variazione di caduta di pressione è proporzionale alla viscosità cinematica.

The graphic refer to mineral oil with a kinematic viscosity of 30 cS. The variation of the pressure drop is proportional to viscosity.

CODICE PER L'ORDINAZIONE DEL FILTRO COMPLETO

HOW TO ORDER THE COMPLETE FILTER



DESCRIZIONE

Filtri per alte pressioni

DATI TECNICI FILTRO COMPLETO

- Testa fusa in ghisa sferoidale
- Contenitore in acciaio
- Pressione massima di esercizio 315 bar
- Pressione di prova a fatica da 0 a 300 bar e per 1.000.000 di cicli
- Pressione di collaudo 450 bar
- Pressione di collasso 900 bar
- Pressione d'esercizio -20 +95 °C

ELEMENTI FILTRANTI

- **ISO 4572** - Oleoidraulica - Filtri - Determinazione del grado di filtrazione
- **ISO 2942** - Oleoidraulica - Elementi filtranti - Verifica della conformità di fabbricazione
- **ISO 2943** - Oleoidraulica - Elementi filtranti - Verifica della compatibilità dei materiali con oli minerali (tipo HH - HM - HR - HV - HG secondo ISO 6743/4)
- **ISO 3723** - Oleoidraulica - Elementi filtranti - Verifica della resistenza alla deformazione assiale
- **ISO 3724** - Oleoidraulica - Elementi filtranti - Verifica della resistenza a fatica per variazioni di portata
- **ISO 2941** - Oleoidraulica - Elementi filtranti - Verifica della resistenza allo schiacciamento (collasso)
- **ISO 3968 Cl.B.** - Oleoidraulica - Filtri - Determinazione della perdita di carico in funzione della portata

DESCRIPTION

High pressure filters

TECHNICAL DATA

- Filter head melts in cast spheroidal iron
- Steel housing
- Max working pressure 315 bar
- Fatigue pressure of 1.000.000 cycles at 0-300 bar
- Static pressure testing at 450 bar
- Collapse pressure 900 bar
- Operating temperature -20 +95 °C

FILTRATION ELEMENTS

- **ISO 4572** - Hydraulic fluid power - Filters - Multi-pass method for evaluating filtration performance
- **ISO 2942** - Hydraulic fluid power - Filters elements - Verification of fabrication integrity and determination of first bubble point
- **ISO 2943** - Hydraulic fluid power - Filters elements - Verification of material compatibility with fluids (HH - HM - HR - HV - HG type according ISO 6743/4)
- **ISO 3723** - Hydraulic fluid power - Filters elements - Method for end load test
- **ISO 3724** - Hydraulic fluid power - Filters elements - Verification of flow fatigue characteristics
- **ISO 2941** - Hydraulic fluid power - Filters elements - Verification of collapse/burst resistance
- **ISO 3968 Cl.B.** - Hydraulic fluid power - Filters - Evaluation of pressure drop versus flow characteristics